

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)			
Integrative Studies (see IS Audit Sheet – Creation: Lab Science and 2 nd Creation met by major)			
Pre-Requisites			8 hrs
(4) 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) General Bio: Cellular Biology and Genetics	LA		
Co-Requisites			32-36 hrs
(4) General Chemistry I	LA	(4) General Chemistry II	LA
(4) Organic Chemistry I	LA	(4) Organic Chemistry II	LA
(4) General Physics I	LA	(4) General Physics II	LA
(4) Physical Geology	LA		
(4/4,4) Calculus I OR Calculus I with Pre-calculus A & B OR Calculus for Life Sciences A & B			LA
Half of credits listed below must be taken at Houghton			
Core			27 hrs
(4) Genetics	LA	(4) Field Botany	LA
(4) General Ecology	LA	(4) Course with zoological emphasis	LA
(1) STEM Career Seminar		(2) Senior Seminar	LA
Field Experience (choose one from following)			
(4) BIOL course at AuSable Institute (max. 8 credits)	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 (not part of major)			
(3-4) Statistics (IS – Quantitative Literacy Competency)	LA	(4) Natural Resource Management	