

Student:		<p style="text-align: center;">Minimum 124 semester hours required for graduation 18 of the last 24 hours must be at Houghton Must have 30 hours 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></p>	
Major: Biology			
Minor:			
BS	Advisor:		
Biology Major (63 - 67 hrs)			
General Education (see GenEd Audit Sheet)			
Pre-Requisites			8 hrs
(4) BIOL 151 General Bio: Organisms to Ecosystems LA		<i>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.</i>	
(4) BIOL 152 General Bio: Cellular Biology and Genetics LA			
Co-Requisites			28-32 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 151 General Physics I LA		(4) PHYS 152 General Physics II 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 Requirements			11 hrs
(4) BIOL 251 Genetics LA		(4) BIOL 322 General Ecology LA	
(2) BIOL 482 Senior Seminar LA		(1) STEM 371 Career Seminar	
Organismal Biology (choose <u>one</u> from the following)			4 hrs
(4) BIOL 207 Wildlife Behavior in East Africa LA		(4) BIOL 295 Herpetology LA	
(4) BIOL 301 Field Botany LA		(4) BIOL 315 Marine Biology LA	
(4) BIOL 336 Animal Behavior LA		(4) BIOL 395 Ornithology LA	
Biology Electives			12 hrs
(4) LA		(4) LA	
(4) LA			
Experiential Biology (choose <u>one</u> from the following) (Note: credit hours towards the major are only earned with BIOL 394 or an approved course at Au Sable)			
BIOL 394	Collaborative Research (4 hrs Biology elective) LA	Field Course at Au Sable	EMT Basic Course
PRPR 202A	Pre-Med/Pre-Dental Practicum	NSF-Funded Summer Science internship	
INCL 348	Foundations of Health Development		