

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 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 a BS degree</i></p>	
Major: Biomedical Sciences			
Minor: Chemistry			
BS	Advisor:		
Biomedical (66-70 hrs)			
General Education (see GenEd Audit Sheet)			
Prerequisites			8 hrs
(4) BIOL 151 Gen. Bio. I: 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 Gen. Bio. II: Cell. Bio. & Genetics	LA		
Corequisites			31-35 hrs
(4) CHEM 151 General Chemistry I	LA	(3) CHEM 332 Biochemistry I	LA
(4) CHEM 152 General Chemistry II	LA	(4) PHYS 151 General Physics I	LA
(4) CHEM 241 Organic Chemistry I	LA	(4) PHYS 152 General Physics II	LA
(4) CHEM 242 Organic Chemistry II	LA	(4) MATH 181 Calculus I or (4,4) MATH 170/171 Calculus I with Precalculus A and B	LA
Half of credits listed below must be taken at Houghton			
Core Requirements			19 hrs
(4) BIOL 251 Genetics	LA	(4) BIOL 394 Research in Biology	LA
(4) BIOL 342 Biotechnology	LA	(2) BIOL 482 Senior Capstone: Senior Seminar	LA
(4) BIOL 370 Molecular and Cell Biology	LA	(1) STEM 371 Career Seminar	
Electives (choose 8 hours from the list below in consultation with your advisor)			8 hrs
(4) BIOL 217 Human Anatomy & Physiology I	LA	(4) BIOL 365 Immunology	LA
(4) BIOL 218 Human Anatomy & Physiology II	LA	(4) BIOL 372 Advanced Vertebrate Physiology	LA
(4) BIOL 242 Microbiology	LA	(4) BIOL 380 Pathogenic Microbes	LA
(4) BIOL 355 Introduction to Neurobiology	LA	(4) BIOL 395 Special Topics (as offered & approved)	