2018-2019 **Houghton College Degree Audit Sheet**

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** *Must have C- or above in each course to meet Major, Concentration, or Minor credit* *Must have 62 liberal arts credits for BS degree or 93 liberal arts credits for a BA degree*
Major: **Biochemistry**	
Minor:	
BA/BS Advisor:	

Biochemistry Major (70 – 75 hrs)

General Education *(see GenEd Audit Sheet)*

Pre-Requisites	**12 hrs**
(4) BIOL 152 Gen. Biology: Cellular Biology and Genetics LA	(4) CHEM 152 General Chemistry II LA
(4) CHEM 151 General Chemistry I LA	

Co-Requisites	**19-24 hrs**
(4) CSCI 211 Programming I LA	(3-4) PSY 309 Statistics 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 161 Calculus for the Life Sciences LA	

Half of credits listed below must be taken at Houghton

Required Core Courses	**39 hrs**
(4) CHEM 241 Organic Chemistry I LA	(4) CHEM 242 Organic Chemistry II LA
(4) CHEM 278 Chemical Instrumental Research LA	(4) BIOL 251 Genetics LA
(4) BIOL 370 Molecular and Cell Biology LA	(2) CHEM 268 Chemistry Special Topics LA
(3) CHEM 332 Biochemistry I LA	(1) CHEM 334 Biochemistry Lab I LA
(3) CHEM 333 Biochemistry II LA	(1) CHEM 335 Biochemistry Lab II LA
(3) CHEM 352 Physical Principles LA	(4) BIOL XXX Biology Elective LA
(1) BIOCHM 480 Senior Capstone: Seminar in Biochemistry LA	(1) STEM 371 Career Seminar
Research strongly encouraged	

03-08-18