HOUGHTON UNIVERSITY

2022-23 Houghton University 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 a BS degree*
Major: **Chemistry**	
Minor:	
BS Advisor:	

Chemistry Major	***(64-68 hrs)***		
General Education *(see GenEd Audit Sheet)*			
Prerequisites	**8 hrs**		
(4) CHEM 151 General Chemistry I	LA	(4) CHEM 152 General Chemistry II	LA
Co-Requisites	**20-24 hrs**		
(4) PHYS 151 General Physics I	LA	(4) MATH 182 Calculus II	LA
(4) PHYS 152 General Physics II	LA	(4) MATH 241 Differential Equations *or* MATH 225 Multivariate Calculus	LA
(4 or 4,4) MATH 181 Calculus I *or* MATH 161 Calculus for the Life Sciences *or* MATH 170/171 Calculus I with Pre-Calculus A & B	LA		

Half of credits listed below must be taken at Houghton

Core Requirements	**28 hrs**		
(4) CHEM 241 Organic Chemistry I	LA	(4) CHEM 361 Physical Chemistry I	LA
(4) CHEM 242 Organic Chemistry II	LA	(4) CHEM 362 Physical Chemistry II	LA
(4) CHEM 277 Analytical Chemistry	LA	(1) CHEM 482 Senior Capstone: Chem. Seminar	LA
(4) CHEM 278 Chem. Instrumentation in Research	LA	(1) STEM 371 Career Seminar	
(2) CHEM 286 Chemistry Special Topics	LA	***Research strongly encouraged***	
Chemistry Electives *(300+ level; at least one of the following: CHEM 332, 343, or 453)*	**8 hrs**		
(3) CHEM 332/343/453	LA	( ) CHEM	
( ) CHEM			