

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 a BS degree</i>
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 <i>or</i> MATH 225 Multivariate Calculus LA
(4 or 4,4) MATH 181 Calculus I <i>or</i> MATH 161 Calculus for the Life Sciences <i>or</i> 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	
(4) CHEM LA	(4) CHEM LA