

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 BS degree</i>	
Major: Chemistry			
Minor:			
BS	Advisor:		
Chemistry Major (64 - 68 hrs)			
General Education (See Gen. Ed. Degree 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) PHYS 152 General Physics II	LA
(4/4,4) MATH 181 Calculus I <u>or</u> MATH 170/171 Calculus I with Pre-calculus A & B <u>or</u> MATH 160 Mathematics for the Life Sciences and MATH 161 Calculus for the Life Sciences			LA
(4) MATH 162 Calculus II	LA	(4) MATH 241 Differential Equations <u>or</u> MATH 225 Multivariate Calculus	LA
Half of credits listed below must be taken at Houghton			
Core Requirements			28 hrs
(4) CHEM 241 Organic Chemistry I	LA	(4) CHEM 242 Organic Chemistry II	LA
(4) CHEM 277 Analytical Chemistry	LA	(4) CHEM 278 Chemical Instrumentation in Research	LA
(4) CHEM 361 Physical Chemistry I	LA	(4) CHEM 362 Physical Chemistry II	LA
(2) CHEM 286 Special Topics	LA	(1) STEM 371 Career Seminar	
(1) CHEM 482 Senior Capstone: Chemistry Seminar	LA	***Research strongly encouraged***	
Chemistry Electives (300+ level) <i>At least one of the following: CHEM 332, 343, or 453</i>			8 hrs
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