

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
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Co-requisites **20-24 hrs**

(4) PHYS 151 General Physics I LA	(4) PHYS 152 General Physics II LA
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(4/4,4) MATH 181 Calculus I or MATH 170/171 Calculus I with Pre-calculus A & B or MATH 160/161 Calculus for Life Sciences A & B LA

(4) MATH 162 Calculus II LA	(4) MATH 241 Differential Equations <u>or</u> MATH 225 Multivariate Calculus LA
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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
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(4) CHEM 277 Analytical Chemistry LA	(4) CHEM 278 Chemical Instrumentation in Research LA
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(4) CHEM 361 Physical Chemistry I LA	(4) CHEM 362 Physical Chemistry II LA
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(2) CHEM 286 Special Topics LA	(1) STEM 371 Career Seminar
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(1) CHEM 482 Senior Capstone: Chemistry Seminar LA	***Research strongly encouraged***
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Chemistry Electives (300+ level) At least one of the following: CHEM 332, 343, or 453 **8 hrs**

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