

Student:		<p style="text-align: center;"> <b>Minimum 124 semester hours required for graduation</b>  <b>18 of the last 24 hours must be at Houghton</b>  <b>Must have 30 hours at Houghton</b>  <b>One half of major must be at Houghton</b>  <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> </p>	
Major: <b>Chemistry</b>			
Minor:			
<b>BS</b>	Advisor:		
<b>Chemistry Major (64-68 hrs)</b>			
<b>General Education</b> (see GenEd Audit Sheet)			
<b>Prerequisites</b>			<b>8 hrs</b>
(4) CHEM 151 General Chemistry I	LA	(4) CHEM 152 General Chemistry II	LA
<b>Co-Requisites</b>			<b>20-24 hrs</b>
(4) PHYS 151 General Physics I	LA	(4) PHYS 152 General Physics II	LA
(4) MATH 181 Calculus I or MATH 161 Calculus for the Life Sciences	LA	(4) MATH 241 Differential Equations or MATH 225 Multivariate Calculus	LA
(4) MATH 182 Calculus II	LA		
<b>Half of credits listed below must be taken at Houghton</b>			
<b>Core Requirements</b>			<b>28 hrs</b>
(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	<b>Research strongly encouraged</b>	
<b>Chemistry Electives</b> (300+ level; at least one of the following: CHEM 332, 343, or 453)			<b>8 hrs</b>
(4) CHEM	LA	(4) CHEM	LA