

Student:		<p style="text-align: center;">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 BS degree</p>	
Major: Chemistry			
Minor:			
BS	Advisor:		
Chemistry Major (64 - 68 hrs)			
Integrative Studies (see IS Audit Sheet – Creation: Lab Science and 2 nd Creation met by major)			
Prerequisites		8 hrs	
(4) General Chemistry I	LA	(4) General Chemistry II	LA
Co-requisites		20-24 hrs	
(4) General Physics I	LA	(4) General Physics II	LA
(4/4,4) Calculus I OR Calculus I with Pre-calculus A & B OR Calculus for Life Sciences A & B		LA	
(4) Calculus II	LA	(4) Differential Equations OR Multivariate Calculus	LA
Half of credits listed below must be taken at Houghton			
Core Requirements		28 hrs	
(4) Organic Chemistry I	LA	(4) Organic Chemistry II	LA
(4) Analytical Chemistry	LA	(4) Chemical Instrumentation in Research	LA
(4) Physical Chemistry I	LA	(4) Physical Chemistry II	LA
(2) Special Topics	LA	(1) STEM Career Seminar	
(1) Senior Capstone: Chemistry Seminar	LA	***Research strongly encouraged***	
Chemistry Electives (300+ level) At least one of the following: CHEM 332, 343, or 453		8 hrs	
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