

Student:		<p><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 93 liberal arts credits for a BA degree</i></p>	
Major: <b>Mathematics</b>			
Minor:			
<b>BA</b>	Advisor:		
<b>Mathematics Major</b>		<b>39-40 hrs</b>	
<b>General Education</b> (see GenEd Audit Sheet)			
<b>Prerequisite</b>		<b>4 hrs</b>	
(4) MATH 181 Calculus I or MATH 161 Calculus for the Life Sciences		LA	
<b>Co-Requisite</b> (*choose from list in catalog)		<b>3-4 hrs</b>	
( ) Cognate course			
<b>Half of credits listed below must be taken at Houghton</b>			
<b>Core Requirements</b>		<b>20 hrs</b>	
(4) MATH 182 Calculus II	LA	(4) MATH 325 Real Analysis I	LA
(2) MATH 210 Introduction to Proofs	LA	(4) MATH 361 Abstract Algebra I	LA
(4) MATH 261 Linear Algebra	LA	(2) MATH 482 Senior Capstone: Mathematics Sem.	LA
<b>Electives</b> (Mathematics electives above 210; at least 4 hours must be 300-level or higher)		<b>12 hrs</b>	
( )	LA	( )	LA
( )	LA	( )	LA
( )	LA	( )	LA
<i>It is highly recommended that teachers of Math choose:</i>			
(2) MATH 281 History of Mathematics	LA	(4) MATH 351 Modern Geometrics	LA
(4) MATH 333 Probability & Statistics	LA		
<b>Highly Recommended</b>			
(1) STEM 371 Career Seminar			