

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 93 liberal arts credits for BA degree</i>
Major: Mathematics		
Minor:		
BA	Advisor:	
Mathematics Major (39-44 hours)		

General Education (see GenEd Audit Sheet)

Prerequisite **4-8 hrs**

(4/4,4) MATH 181 Calculus I **OR** MATH 170/171 Calculus I with Pre-calculus A& B **OR** MATH 160 Mathematics for the Life Sciences and MATH 161 Calculus for the Life Sciences LA

Co-requisites *Choose from list in Catalog **3-4 hrs**

() Cognate course

Half the credits listed below must be taken at Houghton

Core Requirements **20 hrs**

(4) MATH 182 Calculus II LA	(2) MATH 210 Introduction to Proofs LA
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(4) MATH 261 Linear Algebra LA	(4) MATH 361 Abstract Algebra I LA
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(4) MATH 325 Real Analysis I LA	(2) MATH 182 Senior Capstone: Math Seminar LA
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Electives (MATH courses level 210 or above – at least 4 hours must be at level 300 or 400) **12 hrs**

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It is highly recommended that Teachers of Math choose:

(4) Probability and Statistics I LA	(4) Modern Geometries LA
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Highly Recommended

(1) STEM Career Seminar	
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