

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 <i>(32 hrs; 4-8 hrs pre-req; 3-4 hrs co-req)</i>		

Integrative Studies (see IS Audit Sheet – 2nd Creation met by major)

Prerequisite **4-8 hrs**

(4/4,4) Calculus I **OR** Calculus I with Pre-calculus A& B **OR** Calculus for the Life Sciences A & B 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 **22 hrs**

(4) Calculus II LA	(2) Introduction to Proofs LA
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(4) Linear Algebra LA	(4) Abstract Algebra I LA
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(4) Real Analysis I LA	(4) 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) **10 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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