HOUGHTON
UNIVERSITY

Student:	**Minimum 124 semester hours required for graduation**
Major: **Mathematics**	**18 of the last 24 hours must be at Houghton**
Minor:	**Must have 30 hours at Houghton**
BA Advisor:	**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 93 liberal arts credits for a BA degree

Mathematics Major	*39-40 hrs*

General Education *(see GenEd Audit Sheet)*	

Prerequisite	**4 hrs**
(4) MATH 181 Calculus I *or* MATH 161 Calculus for the Life Sciences	LA

Co-Requisite *(*choose from list in catalog)*	**3-4 hrs**
( ) Cognate course	

Half of credits listed below must be taken at Houghton

Core Requirements			**20 hrs**
(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

Electives *(Mathematics electives above 210; at least 4 hours must be 300-level or higher)*			**12 hrs**
( )	LA	( )	LA
( )	LA	( )	LA
( )	LA	( )	LA

It is highly recommended that teachers of Math choose:			
(4) MATH 333 Probability & Statistics	LA	(4) MATH 351 Modern Geometrics	LA

Highly Recommended	
(1) STEM 371 Career Seminar	

7-11-22