

Mathematics (B.A.)

2015-2016 catalog

Student Name: _____ **ID Number:** _____

Major Requirements

All classes must be completed with a 2.0 grade or better.

Term Completed/Planned	Grade	Credit	✓	Course #	Title
_____	_____	4	<input type="checkbox"/>	MAT145	Calculus I (NSM)
_____	_____	4	<input type="checkbox"/>	MAT146	Calculus II (NSM)
_____	_____	4	<input type="checkbox"/>	MAT245	Calculus III
_____	_____	4	<input type="checkbox"/>	MAT246	Linear Algebra
_____	_____	4	<input type="checkbox"/>	MAT271	Discrete Mathematical Structures

Complete **one (1)** theoretical structures elective, chosen from:

_____	_____	4	<input type="checkbox"/>	MAT304	Graph Theory
_____	_____	4	<input type="checkbox"/>	MAT314	Abstract Algebra
_____	_____	4	<input type="checkbox"/>	MAT324	Analysis
_____	_____		<input type="checkbox"/>	Other approved theoretical structures elective:	

Complete **three (3)** electives, with at least two being numbered 300 or above, chosen from:

_____	_____	4	<input type="checkbox"/>	MAT252	Exploring Geometry
_____	_____	4	<input type="checkbox"/>	MAT273	Statistical Modeling
_____	_____	4	<input type="checkbox"/>	MAT287	History of Mathematics
_____	_____	4	<input type="checkbox"/>	MAT304	Graph Theory
_____	_____	4	<input type="checkbox"/>	MAT314	Abstract Algebra
_____	_____	4	<input type="checkbox"/>	MAT324	Analysis
_____	_____	4	<input type="checkbox"/>	MAT355	Numerical Mathematics and Computation
_____	_____	4	<input type="checkbox"/>	MAT363	Dynamical Systems
_____	_____	4	<input type="checkbox"/>	MAT369	Modeling and Differential Equations
_____	_____	4	<input type="checkbox"/>	MAT373	Probability and Statistics I
_____	_____	4	<input type="checkbox"/>	MAT374	Probability and Statistics II
_____	_____	4	<input type="checkbox"/>	MAT377	Operations Research
_____	_____	4	<input type="checkbox"/>	MAT394	Topics in Statistics
_____	_____	4	<input type="checkbox"/>	MAT395	Topics
_____	_____	4	<input type="checkbox"/>	MAT399	Internship
_____	_____	4	<input type="checkbox"/>	MAT499	Independent Study
_____	_____	4	<input type="checkbox"/>	ECO416	Mathematical Economics
_____	_____	4	<input type="checkbox"/>	PHY327	Special Functions of Mathematical Physics

Pass MAT491 in your final semester

_____	_____	0	<input type="checkbox"/>	MAT491	Mathematics Colloquium
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Complete **one (1)** Speaking skill course

_____	_____	2	<input type="checkbox"/>	MAT201	Communicating Mathematics
_____	_____	4	<input type="checkbox"/>	COM111	Public Speaking (HUM)
_____	_____	4	<input type="checkbox"/>	COM115	Scientific and Technical Public Speaking (HUM)
_____	_____		<input type="checkbox"/>	Speaking skill course from another major:	

Abbreviation Key: ML = Modern Language; SC = Signature Curriculum; EM = Engaging Minneapolis; AE = Augsburg Experience; KC = Senior Keystone Course; NSM = Natural Science & Mathematics - no lab; NSM-L = Natural Science & Mathematics-with lab; SBS = Social & Behavioral Science; FA = Fine Arts; HUM = Humanities

Student Signature

Date

Faculty Adviser Signature

Date

Student and faculty signature are required for submission with the Intent to Graduate form.