

Mathematics (B.S.)

Secondary Teaching Licensure Major
2016-2017 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"/>	MAT252	Exploring Geometry
_____	_____	4	<input type="checkbox"/>	MAT271	Discrete Mathematical Structures
_____	_____	4	<input type="checkbox"/>	MAT287	History of Mathematics
_____	_____	4	<input type="checkbox"/>	MAT314	Abstract Algebra
_____	_____	4	<input type="checkbox"/>	MAT324	Analysis
_____	_____	3	<input type="checkbox"/>	ESE330	5-12 Methods: Mathematics

Complete **one (1)** statistical perspectives elective, chosen from:

_____	_____	4	<input type="checkbox"/>	MAT163	Introductory Statistics
_____	_____	4	<input type="checkbox"/>	MAT164	Introductory Statistics for STEM
_____	_____	4	<input type="checkbox"/>	MAT373	Probability Theory
_____	_____		<input type="checkbox"/>	Other approved statistical perspectives elective:	

Complete **one (1)** applied project elective, chosen from:

_____	_____	4	<input type="checkbox"/>	MAT355	Numerical Mathematics and Computation
_____	_____	4	<input type="checkbox"/>	MAT369	Modeling and Differential Equations in Biological and Natural Sciences
_____	_____	4	<input type="checkbox"/>	MAT374	Statistical Theory and Applications
_____	_____	4	<input type="checkbox"/>	MAT377	Operations Research
_____	_____		<input type="checkbox"/>	Other approved applied project elective:	

Pass MAT491 in your final term (prior to student teaching)

_____	_____	0	<input type="checkbox"/>	MAT491	Mathematics Colloquium
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Complete an experiential component approved by a Mathematics faculty advisor (student teaching, for most students seeking licensure)

_____	_____	<input type="checkbox"/>	_____
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Please consult the Secondary Education License checklist for additional licensure requirement.

The Speaking skill is completed through required licensure coursework.

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.