AUGSBURG UNIVERSITY

Mathematics (B.S.)

Secondary Teaching Licensure Major

2017-2018 catalog

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

Major Requirements

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

Term Completed/Planned	Grade	Credit	Course #	Title
		4	MAT145	Calculus I (NSM)
		4	MAT146	Calculus II (NSM)
		4	MAT245	Calculus III
		4	MAT246	Linear Algebra
		4	MAT252	Exploring Geometry
		4	MAT271	Discrete Mathematical Structures
		4	MAT287	History of Mathematics
		4	MAT314	Abstract Algebra
		4	MAT324	Analysis
		3	ESE330	5-12 Methods: Mathematics
Complete **one (1)** statistical perspectives elective, chosen from:				
		4	MAT163	Introductory Statistics
		4	MAT164	Introductory Statistics for STEM
		4	MAT373	Probability Theory
				Other approved statistical perspectives elective:
Complete **one (1)** applied project elective, chosen from:				
		4	MAT355	Numerical Mathematics and Computation
		4	MAT369	Modeling and Differential Equations in Biological and Natural Sciences
		4	MAT374	Statistical Theory and Applications
		4	MAT377	Operations Research
				Other approved applied project elective:
Pass MAT491 in your final term (prior to student teaching)				
		0	MAT491	Mathematics Colloquium
Complete an experiential component approved by a Mathematics faculty advisor (student teaching, for most students seeking licensure)				

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 _____ Advisor Signature _____ Date _____

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