AUGSBURG UNIVERSITY

Mathematics (B.A.)

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	MAT271	Discrete Mathematical Structures
Complete **one (1)** theoretical structures elective, chosen from:				
		4	MAT304	Graph Theory
		4	MAT314	Abstract Algebra
		4	MAT324	Analysis
				Other approved theoretical structures elective:
Complete **three (3)** electives, with at least two being numbered 300 or above, chosen from:				
		4	MAT252	Exploring Geometry
		4	MAT273	Statistical Modeling
		4	MAT287	History of Mathematics
		4	MAT304	Graph Theory
		4	MAT314	Abstract Algebra
		4	MAT324	Analysis
		4	MAT355	Numerical Mathematics and Computation
		4	MAT363	Dynamical Systems
		4	MAT369	Modeling and Differential Equations
		4	MAT373	Probability Theory
		4	MAT374	Statistical Theory and Applications
		4	MAT377	Operations Research
		4	MAT394	Topics in Statistics
		4	MAT395	Topics
		4	MAT399	Internship
		4	MAT499	Independent Study
		4	ECO416	Mathematical Economics
		4	PHY327	Special Functions of Mathematical Physics
Pass MAT491 in your final semester				
		0	MAT491	Mathematics Colloquium
Complete **one (1)** Speaking skill course				
		2	MAT201	Communicating Mathematics
		4	COM111	Public Speaking (HUM)
		4	COM115	Scientific and Technical Public Speaking (HUM)
				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 _____ Advisor Signature _____ Date _____

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