

MATHEMATICS (MT) MAJOR*

Mathematics majors are highly valued for their analytical thinking and problem-solving abilities. Alverno's mathematics faculty are dedicated to helping you make clear connections between mathematics theory and real-world applications. Class sizes and pedagogical design allow for continuous student-faculty interaction, making Alverno an ideal place to study mathematics.

***This program is suspended and is not currently accepting new students.**

Requirements

Code	Title	Credits
Prerequisite Requirements		
MT-123	College Algebra	3
MT-124	Trigonometry	2
MT-148	Functions & Modeling	3
Core Requirements		
MT-152	Calculus 1	4
MT-221	Discrete Structures & Algorithms	3
MT-253	Calculus 2	4
MT-254	Calculus 3	4
MT-255	Linear Algebra	4
MT-256	Probability and Statistics	4
MT-260	Introduction/Mathematical Problem Solvng	2
MT-268	Intro to Python Programming	4
MT-345	College Geometry	3
or MT-347	Modern Algebra	
or MT-460	Introduction to Real Analysis	
MT-399	Formal Introduction to Advanced Work	0
MT Elective	Math (MT) Electives, upper level	12
MT-449	Mathematical Portfolio	1
Additional Requirements		
INTERN-383	Internship Seminar	2
Total Credits		55