MATHEMATICS M.A.

General Graduate Program Requirements

Graduate School policies and standards can be found on the Graduate School Policies page (https://catalog.umt.edu/graduate/school-policies/).

The minimum GPA for any graduate program is 3.0. Individual programs may require more than a 3.0 to remain in good standing.

The minimum grade for a course to be accepted toward any master's or doctoral requirement is C. The minimum grade for a course to be accepted toward a certificate program is B-. Individual programs may require higher grades for specific courses.

Master of Arts - Mathematics

- The Master of Arts in Mathematics program aims to provide students with a broad background in mathematics and the opportunity to concentrate on an area of special interest.
- The areas of study are Algebra, Analysis, Applied Mathematics, Combinatorics & Optimization, Mathematics Education, and Statistics.
- Candidates for admission to the Master of Arts in Mathematics degree program should have an undergraduate mathematics major.
- Students may apply up to 10-credit hours of research towards the degree. The professional presentation for the non-thesis option consists of at least 2-credit hours of research on advanced-level material, culminating in an oral presentation(s) by the student.

Course Requirements

Code	Title	Hours
Complete the following course:		
M 600	Mathematics Colloquium	1
Complete 2 credits of the following courses:		**2**
M 504	Topics in Mathematics Education	
M 610	Graduate Seminar in Applied Mathematics	
M 620	Graduate Seminar in Algebra	
M 650	Graduate Seminar in Analysis	
M 680	Graduate Seminar in Combinatorics and Optimization	
Thesis or Professional Presentation Options		**27-33**
Thesis Option (27 credits)		
Complete 27 credits of graduate-level Mathematics (M) and Statistics (STAT) courses.		
Professional Presentation Option (33 credits)		
Complete the following course:		
M 590	Research	
Complete 31 credits of graduate-level Mathematics (M) and Statistics (STAT) courses.		
Total Hours		**30-36**