

MATHEMATICS EDUCATION MINOR

- This minor contains course requirements designed to meet state standards. Those interested in teaching in K-12 schools must complete the education/teaching concentration of a major in a teaching content area plus the Teacher Education Program through the Department of Teaching and Learning. Additional teaching areas can be added through completion of the teaching track of a major or minor in that content area.
 - Secondary Education Licensure Program (<http://www.coehs.umt.edu/departments/currinst/undergradprograms/seced/default.php>)
 - Licensure Degree Requirements (<http://catalog.umt.edu/colleges-schools-programs/education/teaching-learning/lic-secondary-licensure/>)
- To complete this minor, you need to contact the Teaching and Learning Department. Approvals for this track must come from the Teaching and Learning Department.
- Individuals completing the this minor must also complete the education/teaching concentration of a major in another teaching content area.

Minor - Mathematics Education

Summary

Code	Title	Hours
	Core Requirements	27
	Mathematics Teaching Methods Course	3
	Total Hours	30

Degree Specific Credits: 30

Required Cumulative GPA: 2.0

Core Requirements

Code	Title	Hours
Complete all of the following courses:		
M 171 or M 181	Calculus I Honors Calculus I	4
M 172 or M 182	Calculus II Honors Calculus II	4
M 221	Introduction to Linear Algebra	4
M 301	Teaching Mathematics with Technology	3
M 307	Introduction to Abstract Mathematics	3
M 326	Number Theory	3
M 439	Euclidean and NonEuclidean Geometry	3
STAT 341 or STAT 342 or STAT 451	Introduction to Probability and Statistics Probability and Simulation Statistical Methods I	3
	Total Hours	27

Minimum Required Grade: C-

Mathematics Teaching Methods Course

Note: The course number EDU 497 covers many different teaching method courses. The section of EDU 497 entitled "5 - 12 Mathematics" is required for the Teaching Minor in Mathematics Education.

Code	Title	Hours
Complete the following course:		
EDU 497	Teaching and Assessing	3
	Total Hours	3

Minimum Required Grade: C-

Secondary Teaching Licensure

Note: For endorsement to teach Mathematics, a student also must gain admission to the Teacher Education Program and meet all the requirements for secondary teaching licensure (<http://catalog.umt.edu/colleges-schools-programs/education/teaching-learning/lic-secondary-licensure/>). For more information, see the Teaching and Learning Department (<http://catalog.umt.edu/colleges-schools-programs/education/teaching-learning/>).