

Student ID: _____
Student Name: _____
Advisor Name: _____

Catalog: 2023-2024 University
Catalog Program: Mathematics for
 Teacher Education Minor

Mathematics for Teacher Education Minor (20-22 UNITS)

Mathematics pairs well as a minor with any major. It is the universal language of quantitative thinking, which is becoming ever more essential in our technological and data-driven world. A mathematics minor provides graduates with an edge over the competition and can be tailored to suit the student's preferences. For elementary or secondary education, there are special math minors that are optimal for the prospective teacher. For other majors, students take the traditional calculus sequence and select courses from a variety of upper-division offerings in statistics, applied math and pure math.

All courses must be completed with a "C" (2.0) or better.

Elementary & Middle School Education (20 units)

Required Courses (10 units)

MATH 150B or MATH 106 or MATH 338; Math 303A; MATH 303B

Course Name	Term Taken	Grade
MATH 150B - Calculus II (4 units) Prerequisite: MATH 150A. or MATH 106 - Integral Calculus and Differential Equations (4 units) Prerequisite: MATH 150A with a "C" (2.0) or MATH 338 - Statistics Applied to Natural Sciences (4 units) Prerequisite: MATH 106, MATH 130 or MATH 150B.		
MATH 303A - Fundamental Concepts of Elementary Mathematics (3 units) Prerequisite: completion of G.E. Category B.4.		
MATH 303B - Fundamental Concepts of Elementary Mathematics (3 units) Prerequisites: MATH 303A with a "C" (2.0) or better; completion G.E. Category B.4.		

Electives (10 units)

Select from any MATH courses.

Recommended:

MATH 120 - Elementary Statistics (3 units) Prerequisites: none		
MATH 130 - Calculus for the Natural Sciences (4 units) Prerequisites: passing ALEKS score for BIOL, GEOL, EARTH freshmen; or passing MQE score or exempt; or MATH 115, MATH 115A and MATH 115B, or MATH 125 with C (2.0) or better.		
MATH 180 - Strategies of Problem Solving (4 units) Prerequisites: N/A		
MATH 403A - Fundamental Concepts of Middle School Mathematics I (3 units) Prerequisites: MATH 303B		
MATH 403B - Fundamental Concepts of Middle School Mathematics II (3 units) Prerequisite: MATH 403A; or Secondary Education or Transformative Teaching in Secondary Education graduate standing.		

Notes:

Updated 8.18.23

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