

Teaching and Learning, MA

Mathematics Education

The Master of Arts in teaching and learning with a mathematics education subprogram requires a minimum of 32 s.h. of graduate credit with a Graduate College program grade-point average (GPA) of at least 3.00 for graduation.

The program provides students with advanced specialization in mathematics and education as a better foundation for K-12 teaching.

Required Courses

MA students take a minimum of 9 s.h. of coursework in mathematics approved by their advisor. They also take a minimum of four courses in mathematics education and three courses chosen in consultation with their advisor.

Students choose a cognate area, usually enrolling in three or more courses in the area. Suggested areas include educational psychology, educational statistics and measurement, history or philosophy of education, pure or applied mathematics, instructional design and technology, counselor education, curriculum, administration, and special education. Courses are chosen in consultation with a faculty member from their cognate area.

Students also complete a sufficient number of electives in mathematics and education, chosen with the approval of their advisor, to complete 32 s.h. of credit.

Final Examination

Students take three two-hour final exams: one in mathematics education, the second in mathematics, and the third in their cognate area.

Admission

Applicants must meet the admission requirements of the Graduate College. Except in unusual cases, they should hold a professional license/certificate to teach school mathematics.