



MATHEMATICS (M.A.)

Concentration in Teaching
School of Mathematics, Science, and Engineering

GRADUATE ADMISSION (210) 829-6005

The Mathematics Program

The Master of Arts in mathematics with a concentration in teaching is designed to produce a mathematics specialist with expertise in grades K-12 mathematics teaching and learning. The department also supports a concentration in mathematics education for the Doctor of Philosophy in Education.

Admissions requirements

Students applying for degree seeking status must fulfill the general requirements for admission to the Graduate School and the following:

- 18 hours of undergraduate mathematics
- GPA of 3.0 or better in mathematics
- GRE minimum score of 1000 total of Verbal and Quantitative sections
- Letter of recommendation by a professional in the field
- Writing sample submitted with the application
- Teaching experience at the precollege level

Degree Requirements

Mathematics Core (15 Hours)

MATH 6334	Introduction to Abstract Algebra
MATH 6338	Euclidean and Non-Euclidean Geom
MATH 6336	Introduction to Number Theory
MATH 6332	Introduction to Analysis
MATH 6355	History of Contemporary Mathematics

Mathematics Teaching Electives (Choose 12 Hours)

MATH 6370	Content and Pedagogy K-5
MATH 6372	Integrated Math/Science K-5
MATH 6375	Content and Pedagogy 6-12
MATH 6376	Integrated Math/Science 6-8
MATH 6381	Integrated Math/Science 9-12

Electives (Choose 6 Hours)

MATH 6385	Instructional Technology
EDUC 6304	Theories of Learning
MATH 6348	Intro.to Mathematics Educ. Lit.

Capstone (3 Hours)

MATH 6390	Capstone in Mathematics Teaching
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Total (36 Hours)

Contact Information

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