

Teaching (MA): Math Education Concentration

Degree Requirements

Code	Title	Hours	Counts towards
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Core Courses

12

ED 507	Principles of Developing and Interpreting Assessment (2 credit hours)
ED 508	Exploring Diversity in Classroom and Community (3 credit hours)
ECI 579	Organization and Behavioral Management of Inclusive Classrooms (3 credit hours)
ED 569	Teaching Internship: MAT (4 credit hours)

Concentration Requirements 18

Required Concentration Courses

Choose four courses from the list below

EMS 510	Interactions In the Mathematics Classroom
EMS 513	Teaching and Learning of Algebraic Thinking
EMS 514	Teaching and Learning of Geometric Thinking
EMS 519	Teaching and Learning of Statistical Thinking
EMS 580	Teaching Mathematics with Technology

Mathematical Science Concentration Courses

Select a minimum of six hours of courses listed below

MA 402	Mathematics of Scientific Computing
MA 405	Introduction to Linear Algebra
MA 493	Special Topics in Mathematics
MA 501	Advanced Mathematics for Engineers and Scientists I
MA 502	Advanced Mathematics for Engineers and Scientists II
MA 507	Survey of Real Analysis
MA 508	Survey of Geometry
MA 509	Survey of Abstract Algebra
MA 511	Advanced Calculus I
MA 513	Introduction To Complex Variables
MA 523	Linear Transformations and Matrix Theory
MA 580	Numerical Analysis I
MA 591	Special Topics
ST 501	Fundamentals of Statistical Inference I
ST 511	Statistical Methods For Researchers I
ST 512	Statistical Methods For Researchers II

Total Hours 30

* 18 concentration credits are required for middle grades. 24 concentration credits are required for high school.

Faculty

Full Professors

Margaret R. Blanchard

Aaron C. Clark

Jere Confrey

Cathy L. Crossland

Krista Dawn Glazewski

Karen Hollebrands

M. Gail Jones

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Associate Professors

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Assistant Professors

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Practice/Research/Teaching Professors

Drinda Elaine Bengue

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Sarah Cannon

Cyndi Edgington

Nolan Edward Fahrer

Valerie Faulkner

Anne Harrington

Kristen Hoffmann

Micha Jennine Jeffries

Jill Jones

Joanna Greer Koch

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Linda Smith

Emeritus Faculty

Ruie J. Pritchard

Teaching Assistant Professor

Jared Stewart-Ginsburg