

MATHEMATICS

Content Area Degree Planning Guidelines

A minimum of 30 semester credits in **Mathematics** is required. A minimum grade point average of 3.0 overall and in **Mathematics** is expected. As part of your planning process for the Master of Arts in Teaching Program, please complete this form with your advisor. The courses listed below are examples of the kinds of courses that would fulfill the 30 semester credit hours in your content area. These courses or their equivalents should be a minimum of 3 credits each unless otherwise noted. A minimum of 6 of the 30 credits should be completed at or above the 300 level.

Required Mathematics Courses (30 credits)	Your Equivalent – Include Course Title and Description	Grade	Completion Date	Institution	# of Credits
Calculus Sequence (9 cr.) Examples: Calculus I Calculus II Calculus III Real Analysis Multivariate Calculus					
Algebra (6 cr.) Examples: Linear Algebra Algebraic Theory Modern Algebra Abstract Algebra					
Geometry (3 cr.) Examples: Foundations of Geometry Elementary Topology College Geometry					
Statistics and Probability (3 cr.) Examples: Discrete Probability Elementary Statistics Introduction to Probability Regression Analysis Multivariate Statistical Analysis					
Additional Math Courses (9 cr.) Examples: Number Theory Differential Equations Applied Mathematics Logic Discrete Mathematics Combinatorics Game Theory Mathematical Analysis History of Mathematics Complex Variables					