

# MASTER OF MATHEMATICS EDUCATION - TEACHER CERTIFICATION OPTION

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The Master of Mathematics Education (Teacher Certification Option) is designed for individuals who already possess a bachelor's degree (preferably in an area of mathematics) and wish to pursue both a teaching certification and a master's degree. This accelerated course of study allows the student to achieve certification and a master's degree in just 45 credit hours, instead of the 54 credit hours that would be required if certification and master's degree were pursued separately.

## Curriculum

|   |   |             |
|---|---|-------------|
| <b>Required Courses</b>                                       |   | <b>(36)</b> |
| MSED 300  | Instructional Methods/Strategies I                | 3           |
| MSED 400  | Instructional Methods/Strategies II               | 3           |
| MSED 450  | Professional Internship                           | 6           |
| MSED 500  | Analysis of Classrooms II (Practicum and Seminar) | 3           |
| MSED 501  | Advanced Strategies: Mathematics                  | 3           |
| MSED 538  | Inquiry and Problem Solving                       | 3           |
| MSED 540  | Informal Education Practicum                      | 3           |
| MSED 550  | Clinical Supervision in Science/Mathematics       | 3           |
| MSED 552  | Assessment and Evaluation                         | 3           |
| MSED 555  | Middle and Secondary Level Mathematics Curriculum | 3           |
| MSED 580  | Adolescent Psychology                             | 3           |
| <b>Elective Courses</b>                                       |   | <b>(9)</b>  |
| Select 9 credit hours from graduate-level mathematics courses |   | 9           |
| <b>Total Credit Hours</b>                                     |   | <b>45</b>   |