

MASTER OF MATHEMATICS EDUCATION

The objective of the master's program is to provide practicing teachers, or individuals in education-related fields, with advanced education in the teaching and learning of mathematics. These advanced studies will enhance graduates' ability to provide meaningful instruction in mathematics; critically analyze and implement empirical research findings in mathematics education; develop and evaluate curriculum; and become a leader in public school education at the state or local levels.

Curriculum

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| Required Courses | | (24) |
| 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 |
| or MSED 560 | Research and Evaluation | |
| MSED 555 | Middle and Secondary Level Mathematics Curriculum | 3 |
| MSED 580 | Adolescent Psychology | 3 |
| Select a minimum of one course from the following: | | 3 |
| MSED 531 | Teacher Education/Professional Development in Mathematics | 3 |
| MSED 562 | Action Research I | 3 |
| MSED 571 | Problem Solving and Nature of Mathematics | 3 |
| Elective Courses | | (9) |
| Select 9 credit hours of coursework from discipline-specific mathematics courses | | 9 |
| Total Credit Hours | | 33 |