The Master of Arts in Teaching Mathematics is located in the Department of Mathematics and is designed for certified teachers who wish to strengthen their background in mathematics and keep up with current information in educational theory, curriculum and research. The program provides for both reasonable depth in the mathematics area and graduate-level exposure in supporting disciplines. The education component is designed to meet the requirements for the renewal of the provisional teaching certificate and advancement to the Rank II classification. The student’s progress is continuously assessed using established program checkpoints and portfolio entries addressing Kentucky performance standards.

The 36 credit hour program is pre-planned with a graduate advisor. Each graduate student’s progress is continuously assessed throughout the program with a portfolio using course assignments and evaluations addressing the Kentucky Experienced Teacher Standards. Applicants must hold a Secondary Provisional Certificate or its equivalent. A minimum grade point average of 3.0 is required for graduation. Exit Assessment: Portfolio, Verification of GPA and Program of Studies.

### Professional Education - Core Courses (15 hours)
- ADM 630 Methods of Educational Research* 3
- EDU 631 Application of Motivation and Learning Principles to the Classroom 3
- EDU 633 Curriculum Development 3
- EDU 645 History of Education in the United States 3
- EDU 649 Research in Education* 3

### Content Course Requirements - Content Specialization (21 hours)
- 3 hours of 600 level MAT courses 3
- 15-18 hours of 500 or 600 level MAT courses 3
- MAT 3
- MAT 3
- MAT 3
- MAT 3
- MAT 3
- MAT (optional) 3

- 0-3 hours of 500 or 600 level courses in supporting field of science (optional) 3

The student and advisor have discussed this program and agree to the foregoing plan. An official MSU Graduate Program form must also be completed and submitted prior to completion of the first course taken. The Program form is approved by a graduate advisor and the Collegiate Graduate Coordinator.

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<th>Student’s Signature</th>
<th>Advisor’s Signature</th>
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*ADM 630 and EDU 649 must be taken in sequence, with EDU 649 taken the semester following ADM 630