

# STEM (Online)

## Master of Arts in Teaching (MAT)

This is a guide based on the 2023-2024 Graduate Bulletin and is subject to change. The time it takes to earn a degree will vary based on factors such as dual enrollment, remediation, and summer enrollment. Students meet with an academic advisor each semester and use Degree Works to monitor their progress.

### CURRICULUM CHECKLIST

33 hours required – 3.0 GPA Required

#### Required Courses:

- \_\_\_ SE602 Effective Literacy Instruction at the Middle and Secondary Levels (3)
  - \_\_\_ SE612 Responsive Literacy for Middle and High School Students with Academic Challenges (3)
  - \_\_\_ SE650 Introduction to Teaching Methods in Middle and Secondary Schools (3)
  - \_\_\_ SE651 Introductory Practicum 1 in Middle and Secondary Schools (3)
  - \_\_\_ SE654 Advanced Methods of Teaching in Middle and Secondary Schools (3)
  - \_\_\_ SE655 Techniques of Teaching STEM Content (3)
  - \_\_\_ SE660 Intermediate Practicum 2 in Middle and Secondary Schools (3)
  - \_\_\_ SE670 Internship in Middle and Secondary Schools (8)
- Choose 4 hours:
- \_\_\_ SE652 Intermediate Methods of Teaching in Middle Schools (4)
  - \_\_\_ SE653 Intermediate Methods of Teaching in Secondary Schools (4)
- Choose one with advice of program coordinator:
- \_\_\_ GR698 Master's Final Comprehensive Examination (0)
  - \_\_\_ GR699 Master's Oral Examination (0)

### Degree Requirements

The field experience component requires practicums within the appropriate certification grade-band and content area. These will occur during the mornings and/or afternoons. The field work must be completed in approved settings, under the supervision of a certified teacher and qualified university supervisor. This field work may be completed in the graduate student's workplace if the setting meets the requirements.

### Certification

The state of Missouri has high expectations for future educators. Students must meet the following standards to be recommended for licensure following degree completion. Students must maintain a 3.0 GPA in all required program courses. In addition, students must pass the MO Educator Evaluation System for recommendation for licensure and fulfill other assessments such as a dispositions profile and be cleared through an FBI background check.

### ADMISSION REQUIREMENTS

In addition to the criteria established for general admission to graduate studies, applicants must have the following:

1. For certification grades 9-12: BA or BS degree in the content area or closely related field that meets the required core competencies for the license.  
For certification grades 5-9: BA or BS degree in the content area or 24 credit hours of completed courses that meet the required content competencies for that license:
  - Math – 24 hours of math including courses in College Algebra, Geometry and Applied or Pre-Calculus.
  - Science – 24 hours of science with a minimum of 8 hours of physical and 8 hours of life science courses.
2. An undergraduate GPA of 2.5 on a 4.0 scale and specific content GPA of 3.0
3. Passage of the Missouri Content Assessment in an appropriate area as defined by the Department of Leadership, Middle, and Secondary Education
4. Completion of PY222 Adolescent Development or similar to the Child and Adolescent Psychology
5. Completion of EX390/635 Psychology and Education of Children with Exceptionalities

International applicants for either certification must also have a minimum IELTS score of 7.0 OR TOEFL score of 95. *This requirement is for non-United States citizens who are not native English speakers. Students from the United Kingdom, Canada, Australia and New Zealand are exempt from English proficiency verification.*

#### Provisional Admission:

Provisional admission will be considered if prerequisites are partially filled and GPA and testing criteria are met.



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# 2023-2024 degree map



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