

Master of Arts in Teaching (MAT) with an Emphasis in Secondary School Education

This program is offered by the School of Education and is only available at the St. Louis home campus.

Program Description

The master of arts in teaching (MAT) program provides candidates with a strong knowledge base of content, child and adolescent development and current research that supports best practices in education. This program is centered around contemporary design-based research principles with a focus on how students learn within inquiry based environments.

This graduate degree program is designed to provide the foundation for teacher preparation leading to Missouri initial teacher certification in the following emphasis areas: elementary education, middle school education, secondary education, or special education.

Learning Outcomes

The goals of the MAT with an emphasis in secondary school education are to cultivate graduates who are:

- Knowledgeable of the history of secondary education, characteristics of adolescent students and principles and foundations underlying best practices.
- Proficient in designing, adapting and modifying effective assessment plans, instructional strategies and curricula and/or intervention plans based on current research regarding cognitive, social and emotional development of adolescent students.
- Reflective about their roles as educators to improve learning outcomes, and who collaborate with families and other members of the community to advocate for inclusive and equitable educational opportunities for students from diverse backgrounds.
- Capable of recognizing, valuing and responding to the unique individual abilities and differences of adolescent students.

Emphasis in Secondary School Education

The emphasis in secondary school education is designed to prepare candidates to meet Missouri initial teacher certification requirements in one of the following areas:

- Art (K-12)*
- Biology (9-12)
- Chemistry (9-12)
- English (9-12)
- French (K-12)*
- German (K-12)*
- Mathematics (9-12)
- Social Science (9-12)
- Spanish (K-12)*

*Certifications for art, French, German and Spanish are for grades K-12.

Required Coursework

The following 24 hours of courses and 14 hours of field experiences are required to earn the MAT with an emphasis in secondary school education. Students are advised that Missouri initial teacher certification may require more hours than are listed for the MAT degree. Students must consult an advisor in order to obtain a personalized program of study.

Foundations

- CMAT 5000 Teaching in a Diverse Society (3 hours)

- CMAT 5015 Inclusive Practices and Methods for Teaching English Learners (3 hours)
- CMAT 5505 Psychological Foundations of Education* (3 hours)
- CMAT 5140 Digital Pedagogy and Assistive Learning Technologies (3 hours)

*Degree requirement only for art and world language certifications.

Methods

- CMAT 5170 Classroom and Behavioral Management (3 hours)
- CMAT 5380 Teaching Reading and Writing in the Content Areas (3 hours)
- CMAT 5390 Differentiated Reading Assessment and Intervention (3 hours)

Content Methods (3 hours)

(Based on certification content area)

- CMAT 5350 Arts and Humanities Methods (3 hours)
or CMAT 5360 STEM Methods (3 hours)

Clinical Experiences

Practicum

- CMAT 5001 Introductory Teaching Practicum (1 hour)
- CMAT 5104 Practicum: Secondary English (2 hours)
or CMAT 5105 Practicum: Secondary Mathematics (2 hours)
or CMAT 5106 Practicum: Secondary Social Science (2 hours)
or CMAT 5107 Practicum: Secondary Biology (2 hours)
or CMAT 5108 Practicum: Art K-12 (2 hours)
or CMAT 5109 Practicum: French K-12 (2 hours)
or CMAT 5110 Practicum: German K-12 (2 hours)
or CMAT 5111 Practicum: Spanish K-12 (2 hours)
or CMAT 5113 Practicum: Secondary Chemistry (2 hours)
- CMAT 5199 Practicum Seminar (1 hour)

Apprentice Teaching

- CMAT 5204 Apprentice Teaching: Secondary English (9 hours)
or CMAT 5205 Apprentice Teaching: Secondary Mathematics (9 hours)
or CMAT 5206 Apprentice Teaching: Secondary Social Science (9 hours)
or CMAT 5207 Apprentice Teaching: Secondary Biology (9 hours)
or CMAT 5208 Apprentice Teaching: Art K-12 (9 hours)
or CMAT 5209 Apprentice Teaching: French K-12 (9 hours)
or CMAT 5210 Apprentice Teaching: German K-12 (9 hours)
or CMAT 5211 Apprentice Teaching: Spanish K-12 (9 hours)
or CMAT 5213 Apprentice Teaching: Secondary Chemistry (9 hours)
- CMAT 5096 Apprentice Teaching Seminar (1 hour)

Total: 38 credit hours

Other Certification Requirements

- CMAT 5505 Psychological Foundations of Education (3 hours)
- SPED 5860 Psychology of the Exceptional Student (3 hours)
- Supplemental content courses as determined by content assessment taken in CMAT 5000

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- Content area courses as required for initial state certification

Content Areas

Students choose one of the following content areas in which to seek Missouri initial teacher certification. Students must maintain a minimum GPA of 3.0 in their content area in order to be recommended for certification.

Art - K-12 (30 hours)

- Design
- Drawing
- Painting
- Graphics (Printmaking photography, serigraphy)
- Ceramics
- Sculpture
- Fibers (Papermaking, weaving, macramé, fiber sculpture)
- History, Theory, Criticism in Visual Art (minimum 3 hours)
- Art Electives

Biology (minimum 35 hours)

- PHIL 2300 Philosophy and Technology (3 hours)
- 20 hours Biology coursework aligned with DESE matrix
- 12 hours additional Science coursework aligned with DESE matrix

Chemistry (minimum 35 hours)

- History/Philosophy of Science & Tehcnology (3 hours)
- 20 hours Chemistry coursework aligned with DESE matrix
- 12 hours additional Science coursework aligned with DESE matrix

English (33 hours)

- 12 hours Composition, Rhetoric, Grammar (to include a course in the teaching of writing)
- 6 hours Study of the English Language (to include modern grammar, history of the language, and/or dialects)
- 6 hours American Literature (to include one course focusing on multi-ethnic literature)
- 6 hours English and/or World Literature
- 3 hours Young Adult Literature

World Language (Spanish, French, German) - K-12 (30 hours)

Thirty (30) semester hours in the world language to be taught, or twenty-seven (27) semester hours plus two (2) or more earned units of high school credit in that language.

Coursework should include the understanding and appreciation of the world cultures and civilizations. Students must demonstrate proficiency in the areas of listening comprehension, speaking, reading and writing by obtaining a written release from the Department of International Languages & Culture.

Math (36 hours)

- 24 hours to include:
 - Calculus and Analytic Geometry (minimum 9 hours)
 - Algebraic Structures (3 hours)
 - Geometry (3 hours)
 - Computer Science (3 hours)
- Electives from above: 6 hours

- A minimum of twelve (12) semester hours from at least three (3) areas of Mathematics such as the following:
 - History of Mathematics (3 hours)
 - Structure of the Real Number System (3 hours)
 - Number Theory (3 hours)
 - Completion Calculus Sequence (3 hours)
 - Probability and Statistics (3 hours)
 - Computer Science (3 hours)
 - Linear Algebra (3 hours)

Social Science (39 hours)

- 12 hours U.S. History
- 9 hours World History
- 6 hours Political Science (to include U.S. and state government)
- 6 hours Behavioral/Social Sciences (including sociology, anthropology, and psychology)
- 3 hours Economics
- 3 hours Geography

Admission

See the Admission section of this catalog for general admission requirements. Students interested in applying must submit their application online at www.webster.edu/ apply. Transcripts should be sent from your institution electronically to transcripts@webster.edu. If this service is not available, send transcripts to:

Office of Admission
Webster University
470 E. Lockwood Ave.
St. Louis, MO 63119

Additional Requirements

Requirements for admission to the master of arts in teaching (MAT) with an emphasis in secondary school education program include:

- Receipt of all official transcripts.
- Final degree conferred GPA of 2.5 or higher.
- B- or better in college-level composition.
- B- or better in college-level mathematics.

Advancement to Candidacy

Advancement to Candidacy (ATC) represents a significant milestone in a candidate's academic career. Candidates who successfully advance to candidacy have demonstrated mastery of program standards and may continue enrolling in courses to complete their major. In the case of the MAT, ATC means that a student is formally enrolled in the initial teacher certification program.

Advancement to Candidacy occurs provided that a student:

1. Completes 15 hours of graduate credit with grades of B or better (including CMAT 5000).
2. Completes Passport 1.
3. Is accepted into the Teacher Certification program (contact the School of Education Teacher Certification Office for more information).
4. Remains in good academic standing and maintains a cumulative GPA of 3.0.

After 15 hours of graduate credit, candidates will be restricted from registering in further coursework until advanced to candidacy.

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Requirements for Missouri Initial Teacher Certification

Students must make available official academic transcripts to the Coordinator of Teacher Certification in the School of Education in order to complete an evaluation of coursework. Based on this transcript evaluation, the Coordinator of Teacher Certification will identify the exact number of credit hours that an MAT candidate will require to complete initial teacher certification with respect to Missouri Department of Elementary and Secondary Education (DESE) requirements. Prior coursework, such as transfer courses and content area courses, will be identified from the students' transcripts. Using this evaluation, an academic advisor, in conjunction with the coordinator of Teacher Certification, will prepare a personalized program of study for the student. Students may be required to take more than the required coursework listed for the emphasis area.

This page was modified on 11 June 2021.

Please see the Graduate Catalog Addendum to view changes that were made.

Background Checks

Students are required to obtain various annual background checks prior to field experiences. The state requires current fingerprint clearance prior to issuing the teaching certificate.

State Assessments

To obtain a teaching licensure in Missouri, students are required to complete a number of state assessments. State required assessments are administered by designated agencies, and students are required to pay all associated fees. All state assessments are administered in a digital format. Students must pass the state-required Missouri Content Assessment before Apprentice Teaching Orientation.

Application and Eligibility to Practicum

Application and registration in Practicum must be approved by the student's advisor by September 15 for Spring placement and by February 15 for Fall placement. No late applications will be accepted. A grade of B or higher is required for successful completion of the practicum.

Application to Apprentice Teaching

Successful completion of Apprentice Teaching is required to meet the graduation requirements of the emphasis area. Application and registration in Apprentice Teaching and CMAT 5096 Apprentice Teaching Seminar must be approved by the student's advisor by September 15 for Spring placement and by February 15 for Fall placement. No late applications will be accepted. Students who are full time paraprofessionals or teachers in an approved educational setting may be eligible to earn credit for Apprentice Teaching through an assessment process.

Eligibility requirements for acceptance to Apprentice Teaching:

1. Students must have successfully completed all required courses for Missouri initial teacher certification in their chosen emphasis and content area.
2. Students must have successfully completed Practicum with a grade of B or higher.
3. Students must have passed the state required content area exam with a score equal to or greater than the Missouri qualifying score prior to registration in Apprentice Teaching. Students should talk to their advisor or the teacher certification professionals at Webster University in order to understand how DESE changes are accommodated in their personalized program of study.