MEd in Learning, Teaching and Curriculum with Emphasis in Mathematics Education

The Master of Education degree in Mathematics Education is intended for those who wish to improve their mathematics teaching practice and to gain a broader understanding of issues related to teaching and learning mathematics, K-12.

Degree Requirements

This degree program is a completely online masters of education degree in Mathematics Education for certified teachers. However, you may choose to enroll in electives that require face-to-face meetings on campus. You may also select other courses with approval from your advisory committee. More information specific to this program can be found here: http://online.missouri.edu/degreeprograms/education/mathematics/masters/.

Mathematics education or mathematics courses 17

LTC 8085 Problems in Curriculum and Instruction 1-3
LTC 8865 Assessment in Mathematics Education 3
LTC 8866 Contemporary Curriculum Issues in Mathematics Education 2
LTC 8871 Teaching and Learning Number/Operations Advanced 3
LTC 8874 Teaching and Learning Algebraic Reasoning Advanced 3
LTC 8875 Technology and Mathematics Education 3
LTC 8878 Mathematical Leadership for Elementary Schools Advanced 3
LTC 8886 Contemporary Equity Issues in Mathematics Education 3
LTC 8896 Secondary Mathematics from an Advanced Perspective 3
LTC 8900 Seminar in Curriculum and Instruction (Mathematics Education) 1-3
MATH 7100 Differential Equations 3
MATH 7140 Matrix Theory 3

Education electives 9

LTC 8913 Curriculum Development 3
LTC 8914 Culturally Responsive Pedagogy 3
ED_LPA 7428 Curriculum Leadership 3
ESC_PS 7115 Human Learning 3
ESC_PS 7170 Introduction to Applied Statistics 3
IS_LT 9467 Technology to Enhance Learning 3
SPC_ED 7300 Introduction to Special Education 3

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LTC 8915 Classroom Research-Learning, Teaching and Curriculum 2
LTC 8910 Individual Research 1-3

Admissions

Applicants are required to meet two sets of minimum qualifications for admission: the requirements of the MEd in Learning, Teaching and Curriculum program (https://gradstudies.missouri.edu/degrecategory/learning) and the minimum requirements of the Graduate School (http://gradstudies.missouri.edu/admissions/eligibility-process/minimum-requirements.php). Because requirements vary, you must refer to a degree program's graduate admission page to learn about specific admission criteria, application deadlines, eligibility and application process. Your application materials will be reviewed by both the Graduate School and the degree program to which you've applied before official admission to the University of Missouri.

Admission requirements will be based upon the following criteria. Complete admission requirements (https://education.missouri.edu/admissions) for the Master's program.

• Completion of an appropriate Bachelor's degree with a GPA of 3.0 or better.
• A minimum of two letters of recommendation; three letters, if your undergraduate GPA (last 60 hours) is below a 3.0.
• Statement of purpose clearly indicating that the proposed Masters degree is appropriate to the applicant's professional aspirations.
• GRE scores taken within the last 5 years (preferred minimum scores should be V150,Q141,A3.5 or higher)
• For students whose native language is not English, a score of 80 IBT or better on the TOEFL or a 6.5 on the IELTS taken within the past two years

The LTC graduate program cannot assure admission to all applicants who meet minimum standards specified for the degree program. Resource constraints do not permit the admission of all qualified applicants.

A committee of faculty reviews the credentials of each applicant. It is the responsibility of this committee to exercise professional judgment related to the criteria that applicants must meet in order to be considered for admission to the program.