TEACHER CERTIFICATION IN MATHEMATICS

Student Learning Outcomes

Students graduating with a B.A. or B.S. degree in Mathematics and Statistics are expected to:

• Be able to read, write, understand mathematical proofs, and construct mathematical proofs as appropriate.
• Be able to reason with and apply mathematical concepts, principles and methods; analyze and evaluate problems (both theoretical and practical) and plan strategies for their solution.
• Be able to work collaboratively with others on projects requiring mathematical knowledge and input, to function effectively in a professional workplace related to mathematics, or in a graduate program.

Program Requirements

Certification as a middle school (grades 5-9) or secondary school (grades 9-12) Mathematics teacher in either Kansas or Missouri requires that a student complete specific requirements both in Mathematics and in the School of Education. A separate application for teacher education is required. For further information, consult the School of Education (http://catalog.umkc.edu/colleges-schools/education) section of this catalog or contact the Education Student Services Office at (816) 235-2234.