



STEMTeach KU

Mathematics

Do you love learning and talking about science and mathematics? Do you want to develop your leadership and public speaking skills and gain volunteer experience? If so, **STEMTeach KU** might be right for **you!**

STEMTeach KU is for people who definitely want to teach, have never thought about teaching before, but are now curious, or have no interest in teaching but want to acquire leadership, public speaking, and volunteer experience. Students will major in Mathematics or a related STEM field within the College of Liberal Arts and Sciences while completing teacher preparation coursework and student teaching experiences.

Coursework

Teacher Preparation

- C&T 290: Approaches to Teaching Science & Mathematics I
- C&T 291: Approaches to Teaching Science & Mathematics II
- MATH 209: Functions & Modeling
- C&T 360: Knowing & Learning in Mathematics & Science
- C&T 366: Classroom Interactions in Mathematics & Science
- C&T 359: Literacy in the Content Areas
- MATH 409: Topics in Geometry for Secondary & Middle School Teachers
- MATH 410: Topics in History of Mathematics for Secondary and Middle School Teachers
- C&T 460: Project Based Instruction in Mathematics & Science
- CHEM 598: Research Methods
- C&T 490: Student Teaching
- C&T 495: Seminar: Developing the Teaching Portfolio

Math Content

- MATH 125: Calculus I
- MATH 126: Calculus II
- MATH 127: Calculus III (recommended)
- MATH 290: Elementary Linear Algebra
- MATH 450: Discrete Mathematics
- MATH 500: Intermediate Analysis
- MATH 526: Applied Mathematical Statistics
- MATH 558: Introductory Modern Algebra



Other Requirements

- o 2.75 KU + Transfer Cumulative GPA
- o 2.5 Content GPA
- o This program is designed to be completed along with an approved BS or BA degree to fulfill the requirements necessary for the STEMTeach KU Certificate in your desired area of licensure. The program is also designed to fulfill the course requirements necessary to gain state licensure eligibility in the above mentioned areas of licensure to become a secondary teacher in Kansas, but completion of the program does not guarantee the student's licensure. Please consult with your major advisor for further information about meeting your degree/major requirements.



Questions?

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STEMTeach KU

College STEM

