



**Program Information**

<b>College:</b>	Clarice C. and Leland H. Bagwell College of Education
<b>Department:</b>	Elementary and Early Childhood Education – Graduate
<b>Program:</b>	STEM Education Endorsement, Certificate

**Program Student Learning Outcomes**

Upon completion of this degree from KSU, students will be able to:

1. Explain the nature and process of STEM as an interdisciplinary endeavor including its use to answer questions and investigate problems aligned with K-12 content standards and its broader societal benefits.
2. Plan and implement STEM lessons, units, and assessments that engage students in ways of thinking used in STEM and apply pedagogical practices specific to STEM-related disciplines relevant to the grade-level.
3. Interact and collaborate with STEM teachers, peers, STEM experts and local STEM business to develop authentic STEM learning experiences for students.