

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM)

STEM 888 – STEM Education Capstone 3 credit hours

This course is designed to culminate the student's experience in the STEM Education Master of Science in Education program. Students will develop five new curricular units that could be implemented in a high school or middle school STEM course that the student teaches. The units must apply STEM content from five different degree program content courses. For students in the Integrated Option of the degree program, one of those courses must be a supporting course. For all students, one of the units must be a Case Study Student who needs additional academic support and guidance. The student will implement two of these new curricular units in the classroom and write detailed reflections of those experiences.

Prerequisite: Admission into STEM Education Program Recommended completion of TE 800 and at least 24 hrs of STEM Education degree program including 6 or more hours in Major Emphasis category.