

SCIENCE AND MATH EDUCATION (SMED)

SMED 888 – Science/Math Education Capstone 3 credit hours

This course is designed to culminate the student's experience in the Science/Math Education program. Students will complete the comprehensive exam and a capstone project that integrates educational research, curriculum design, science/math content application, and assessment. Based on a literature evaluation of a specific concept or problem in science/math teaching, the student will develop a new curricular unit, or redesign an existing one, to be implemented in a high school or middle school science/math course that the student is teaching that semester. This unit must apply science/math content from their degree program courses and the student must assess the impact of the new/revised unit on student learning.

Prerequisite: Admission into Science/Math Education Program

Recommended completion of TE 800 and at least 24 hrs of Science/Math Education degree program including 6 or more hours in Major Emphasis category.