

Science, Technology, Engineering, and Mathematics Education

*Master of Arts
Master of Education
Doctor of Philosophy*

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Facilities for Graduate Work

Facilities for graduate work include state-of-the-art computer, multimedia, and videoconferencing laboratories, laboratories for science, technology, engineering, and mathematics (STEM) research, field-based sites for implementation studies in local school districts, and numerous federal- and state-funded research and development projects in science, technology, engineering, and mathematics education. The University Libraries contain more than eight million volumes and provide access to a wide variety of print-based and electronic research tools, the latter through their [website](#). Library units serving science, technology, engineering, and mathematics include the Kuehne Physics Mathematics Astronomy Library, the Mallet Chemistry Library, the Walter Geology Library, and the Life Science Library.

Areas of Study

Graduate study in science, technology, engineering, and mathematics (STEM) education is offered through an interdisciplinary program that combines content preparation with educational research and scholarship, in a setting that fosters and supports tight links to educational practice. The program is anchored by a set of core courses addressing learning, instruction, curriculum, technology, equity, policy, and systemic reform in STEM education, at the elementary, secondary, and postsecondary levels. Coursework is chosen from departments in the College of Education, Cockrell School of Engineering, and College of Natural Sciences, as well as other appropriate University colleges.

Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2025 semester.