

Technology and Engineering Education, MS

Department: School of Applied Sciences, Technology and Education

College: College of Agriculture and Applied Sciences

Overview

About This Degree

The technology and engineering education degree is primarily designed for teachers in the areas of technology and engineering education, and career and technical education. Its purpose is to increase a teacher's background regarding current educational theory and practice in these areas. In this program, students are required to complete a professional core of courses related to technology and engineering education, and career and technical education. Students are also required to complete selected electives that help them achieve their educational goals.

Career Options

Graduates are generally teachers who wish to obtain a master's degree to increase their pay scale. They can also pursue careers in industry.

What it takes

Admissions Requirements

Applicants must have a background in education. There may be some prerequisite courses required to make up for deficiencies in the student's undergraduate transcript, which will be determined by the department.

Application Requirements:

- Complete the [online application](#)
- Pay the \$55 application fee
- Score at or above the 40th percentile on in the GRE (the MAT is also accepted for MS applicants)
- Have a 3.0 or higher GPA on your last 60 semester or 90 quarter credits
- Provide transcripts of all college/university credits
- Provide three contacts for letters of recommendation

International students have [additional admissions requirements](#).

Admissions Deadlines

The department has the following deadlines:

- Fall semester - February 20
- Spring semester - August 1
- Applications are accepted after these deadlines, but students will not be considered for financial assistance.
- International students are encouraged to apply much earlier to allow time for Visa applications.

Master's Degree Plan Options

Students can receive the MS by pursuing one of three options:

- In the **Plan A** option, students complete graduate-level coursework and must write a thesis.
- The **Plan B** option requires the production of a paper or creative work of art and is expected to reflect equivalent scholarship standards as a thesis.

Financial Assistance

The department is generally able to fund all full-time MS students with [teaching and research assistantships](#).

A variety of additional funding opportunities are available, including [fellowships](#), [scholarships](#), [tuition awards](#), and [travel support](#). Additionally, students may be eligible for subsidized [health insurance](#) through qualifying assistantships.

Program Requirements

[Click here](#) to see course requirements for the **Master of Science**.

In addition to completion of the required professional core, students are encouraged to take additional supporting courses in other areas that will help them meet their own professional and career goals. For example, supporting courses outside the School of Applied Sciences, Technology and Education can be taken from other disciplines, such as agricultural systems technology and education and business.

Contact

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Get Involved

Professional Organizations, Honor Societies, and Clubs

American Society of Engineering Education: ASEE is a nonprofit organization committed to promoting education in engineering and engineering technology. ASEE's goal is to help engineering educators and students by its various goals for research, instruction, public service, etc.

International Technology Education Association: ITEA is a professional organization for educators in the fields of technology, innovation, design, and engineering. ITEA's goal is to support the profession by promoting professionalism in its various areas.

Labs, Centers, Research

Rocky Mountain NASA Space Grant Consortium: RMNSGC is one of 52 National Space Grant Consortia in the United States. As a member of the consortium, USU has awarded more than 100 fellowships to students interested in aerospace-related education and careers. The majority of Space Grant student awards include a mentored research experience with university faculty and NASA scientists, engineers, and technologists.