M.S. in Engineering Science

Description

The M.S. in engineering science is offered in a number of emphasis areas: aeroacoustics, chemical engineering, civil engineering, computational hydrosience, computer engineering, computer science, electrical engineering, electromagnetics, environmental engineering, geology, geological engineering, hydrology, mechanical engineering, material science and engineering, and telecommunications.

Minimum Total Credit Hours: 30

Course Requirements

A student must complete the requirements for an emphasis area. For most emphasis areas, the degree may be completed as a:

- Thesis option (30-hour program, to include 6 hours of thesis),
- Nonthesis option (30-hour program, to include a minimum of 3 hours of a design-oriented project course), or
- Coursework option (30-hour program, to include a final oral examination in front of a committee, but no written report)

Specializations

School of Engineering

Mechanical Engineering
- Emphasis - Aeroacoustics

Chemical Engineering
- Emphasis - Chemical Engineering

Civil Engineering
- Emphasis - Civil Engineering

Mechanical Engineering
- Emphasis - Computational Hydrosience

Electrical and Computer Engineering
- Emphasis - Computer Engineering

Computer & Information Science
- Emphasis - Computer Science

Electrical and Computer Engineering
- Emphasis - EE (Electromagnetics)
- Emphasis - Electrical Engineering

Civil Engineering
- Emphasis - Environmental Engineering

Geology & Geological Engineering
- Emphasis - Geological Engineering
- Emphasis - Geology
- Emphasis - Hydrology

Mechanical Engineering
- Emphasis - Materials Science and Engr.
- Emphasis - Mechanical Engineering

Electrical and Computer Engineering
- Emphasis - Telecommunications