

# 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 hydroscience, 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 Hydroscience](#)

#### 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](#)

