

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 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 - Aeroacoustics](#)

Biomedical Engineering

- [Emphasis - Biomedical Engineering](#)

Chemical Engineering

- [Emphasis - Chemical Engineering](#)

Civil Engineering

- [Emphasis - Civil Engineering](#)

Electrical and Computer Engineering

- [Emphasis - Computer Engineering](#)

Computer & Information Science

- [Emphasis - Computer Science](#)

Electrical and Computer Engineering

- [Emphasis - EE \(Electromagnetics\)](#)
- [Emphasis - Electrical Engineering](#)

Chemical Engineering

- [Emphasis - Environmental Engineering](#)

Geology & Geological Engineering

- [Emphasis - Environmental Engineering](#)

Civil Engineering

- [Emphasis - Environmental Engineering](#)

Geology & Geological Engineering

- [Emphasis - Geological Engineering](#)
- [Emphasis - Geology](#)
- [Emphasis - Hydrology & Comp Hydroscience](#)

Civil Engineering

- [Emphasis - Hydrology & Comp Hydroscience](#)

Mechanical Engineering

- [Emphasis - Hydrology & Comp Hydroscience](#)

Chemical Engineering

- [Emphasis - Materials Science and Engr](#)

Civil Engineering

- [Emphasis - Materials Science and Engr](#)



Mechanical Engineering

- [Emphasis - Materials Science and Engr.](#)
- [Emphasis - Mechanical Engineering](#)

Electrical and Computer Engineering

- [Emphasis - Telecommunications](#)

