

M.S. in Engineering Science

Overview

Degree Requirements

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 either a thesis option (30-hour program, to include 6 hours of thesis) or nonthesis option (30-hour program, to include a minimum of 3 hours of a design-oriented project course).

Specializations SCHOOL OF ENGINEERING

MECHANICAL ENGINEERING

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Emphasis - Aeroacoustics

CHEMICAL ENGINEERING

• Emphasis - Chemical Engineering

CIVIL ENGINEERING

• Emphasis - Civil Engineering

MECHANICAL ENGINEERING

• Emphasis - Computational Hydroscience

COMPUTER & INFORMATION SCIENCE

• Emphasis - Computer Science

ELECTRICAL 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 ENGINEERING

• Emphasis - Telecommunications

