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

- 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

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