

# 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

