## 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 <br> 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 <br> 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

