

# M.S. in Engineering Science

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## 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](#)

