M.S. in Engineering Science

**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 a:

- Thesis option (30-hour program, to include 6 hours of thesis),
- Nonthesis option (30-hour program, to include a minimum of 3 hours of a design-oriented project course), or
- Coursework option (30-hour program, to include a final oral examination in front of a committee, but no written report)

**Specializations**

**School of Engineering**

**Mechanical Engineering**
- Emphasis - Aeroacoustics
  - 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