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
  - **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