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:
- 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