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