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 engineering, 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
Chemical Engineering
• Emphasis - Aeroacoustics
Mechanical Engineering
• Emphasis - Aeroacoustics
Chemical Engineering
• Emphasis - Chemical Engineering
Civil Engineering
• Emphasis - Civil Engineering
Electrical and Computer Engineering
• Emphasis - Computer Engineering
Computer & Information Science
• Emphasis - Computer Science
Electrical and Computer Engineering
• Emphasis - EE (Electromagnetics)
• Emphasis - Electrical Engineering
Geology & Geological Engineering
• Emphasis - Environmental Engineering
Chemical Engineering
• Emphasis - Environmental Engineering
Civil Engineering
• Emphasis - Environmental Engineering
Geology & Geological Engineering
• Emphasis - Geological Engineering
• Emphasis - Geology
Civil Engineering
• Emphasis - Hydrology & Comp Hydroscience
Geology & Geological Engineering
• Emphasis - Hydrology & Comp Hydroscience
Mechanical Engineering
• Emphasis - Hydrology & Comp Hydroscience
Civil Engineering
• Emphasis - Materials Science and Engr
Chemical Engineering
• Emphasis - Materials Science and Engr
Mechanical Engineering
- Emphasis - Materials Science and Engr.
- Emphasis - Mechanical Engineering

Electrical and Computer Engineering
- Emphasis - Telecommunications