Ph.D. in Engineering Science

Description
The Ph.D. 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, and material science and engineering.

Minimum Total Credit Hours: 54

Course Requirements
A student must complete the requirements for one of the emphasis areas. All doctoral programs require completion of a comprehensive examination, dissertation prospectus, and a dissertation. See the department chair or adviser for specific requirements for an emphasis area.

Specializations
School of Engineering
Chemical Engineering
• Emphasis - Aeroacoustics

Mechanical Engineering
• Emphasis - Aeroacoustics

Biomedical Engineering
• Emphasis - Biomedical Engineering

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 Hydrosience

Geology & Geological Engineering
• Emphasis - Hydrology & Comp Hydrosience

Mechanical Engineering
• Emphasis - Hydrology & Comp Hydrosience

Chemical Engineering
• Emphasis - Materials Science and Engr

Civil Engineering
• Emphasis - Materials Science and Engr
Mechanical Engineering
- Emphasis - Materials Science and Engr.
- Emphasis - Mechanical Engineering