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 science, electrical engineering, electromagnetics, environmental engineering, geology, geological engineering, hydrology, mechanical engineering, and material science and engineering.

Minimum Total Credit Hours: 66

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
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