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