

### Ph.D. in Engineering Science

### Overview

### **Degree Requirements**

### 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

