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