Electrical and computer engineering is a broad field encompassing diverse subject areas. Knowledge of the mathematical and natural sciences is applied to the theory, design and implementation of devices and systems for the benefit of society.

**CONCENTRATIONS**
- Computer Engineering
- Electrical Engineering

**DEGREES OFFERED**
Ph.D., M.S., M.Eng Concentration

**HIGHLIGHTS**
- A collaborative and diverse environment
- Cutting-edge and interdisciplinary research
- Great location and connections to industry
- Internationally renowned faculty who are experts in their fields
AFFILIATED FACILITIES

- California Institute for Telecommunications and Information Technology
- Center for Embedded Computer Systems
- Center for Pervasive Communications and Computing
- Integrated Nanosystems Research Facility
- ProperData

RESEARCH FOCUS AREAS

- Electronic Devices, Circuits
- Optoelectronics, Microscopy, Nano-optics, Photonics
- NanoBioElectronics & Sensing, MEMS
- Machine Learning
- Communications and Information Theory
- Signal and Image Processing
- Autonomous Systems
- Embedded Systems
- Computer Architecture
- Security and Privacy

ADMISSIONS

Applicants are evaluated based on prior coursework and potential for creative research and teaching.

Minimum score of 80 on the Test of English as a Foreign Language (TOEFL iBT) is recommended of all international students whose native language is not English.

RECOMMENDED BACKGROUND

It is strongly recommended that students have a background and training in core engineering topics.

A student who enters the program without adequate undergraduate preparation may be required to complete additional coursework.

LEARN MORE!

GRADUATE COORDINATOR
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