Electrical & Computer Engineering, Master of Science

College of Engineering

The Graduate Program in Electrical & Computer Engineering

M.S. and Ph.D.
Electrical & Computer Engineering (http://www.ece.ucdavis.edu);
530-752-8251

The Department of Electrical & Computer Engineering prepares graduate
students to do meaningful research and acquire skills and insights
vital to solving some of the world’s most complex technological
problems. Our graduate program offers a challenging and stimulating
environment, covering optical, wireline and wireless communications,
telecommunication networks, computer engineering, circuits,
electromagnetics, physical electronics, optoelectronics, control, and
signal processing. The depth of resources in the study of circuit design
alone, with one of the largest faculty groups in the field in the UC system,
distinguishes us from other programs, while our program in microwave
communications and devices is unique.

The Electrical & Computer Engineering Graduate Program benefits from
the highly interdisciplinary culture at UC Davis and attracts faculty
from biomedical, chemical, electrical, computer, civil, and mechanical
engineering, as well as computer science and mathematics.

Many of our graduates go on to leadership and technology management
roles in industry, returning each year for our industrial affiliates meeting
to network with other industry representatives, current students and
faculty.

Generous financial support is available in the form of research
assistantships, teaching assistantships, fellowships and financial aid.

Research Highlights
- Communications, control, networking, and signal processing
- Computer engineering
- Electronic circuits
- Optoelectronics
- RF, micro- and millimeter waves
- Physical electronics

Research Facilities and Partnerships
- Center for Information Technology in the Interest of Society
- Northern California Center for Nanotechnology
- Center on Polymer Interfaces and Macromolecular Assemblies
- Lawrence Livermore National Laboratory
- Lawrence Berkeley National Laboratory
- Los Alamos National Laboratory
- California Lighting Technology Center
- PlanetLab Consortium
- Sandia National Laboratory

Complete Information is on our website.