ECE graduate programs offer a number of collaborative, interdisciplinary research opportunities. Our students have access to state-of-the-art laboratories and a network of faculty with diverse research specialties. The department provides enriching instruction that will lead to success in some of today’s hottest industries.

ECE has experienced unprecedented growth:
• Tripled the number of Ph.D. students enrolled in the last six years.
• In the last 15 years, the number of faculty in the department has more than doubled to 33 members.

Student financial support is available through fellowships, paid research and teaching assistantships. Eligible students may receive paid tuition.

COLLEGE OF ENGINEERING
In the past decade, we’ve more than doubled the output of master’s and doctoral degrees awarded. With $77.6M in research expenditures, the College ranked 37th in research productivity in the 2014 ASEE Profiles, which compares U.S. engineering and technology programs. We have also grown the size of the faculty to 188, which puts the College among the top 10 percent for faculty size.

LIVING IN UTAH
Utah is legendary for snowboarding, skiing, camping, hiking and biking. There is plenty to see and do:
• Six world-class skiing and snowboarding resorts within a 30-minute drive of the University of Utah.
• Five scenic national parks and dozens of state parks celebrated for their beauty and accessibility.
• Ranked No. 1 for Best Hiking Cities by National Geographic.
• Home of the internationally-renowned Sundance Film Festival, MLS’s Real Salt Lake soccer team and the NBA’s Utah Jazz.

RESEARCH AREAS IN ELECTRICAL & COMPUTER ENGINEERING
Wireless Neural Interfaces and Implantable Devices
Design Automation for Nanotechnology and Synthetic Biology
Formal Verification of Circuits and Systems
Wireless Sensing and Body Area Networks
Nano-electrical and Mechanical Systems
New Terahertz Devices
Massive-MIMO Wireless Communications
Low-power VLSI Design
Energy-harvesting Devices
Smart Energy and Transportation Technologies

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