



LEHIGH  
UNIVERSITY

P.C. Rossin College of  
Engineering and Applied Science



*“At Lehigh, I’m applying communication theory and advanced algorithms to **underwater wireless systems**. As a graduate student, I’ve helped outfit a lab with cutting-edge equipment, designed prototypes, and led numerous experiments in lakes and the ocean—and my research has contributed to two US patents. It’s exciting to see **theoretical ideas come to life** in working systems.”*

*Xiyuan Zhu '20G, PhD student, Electrical Engineering  
(pictured, center)*



# Electrical & Computer ENGINEERING

Graduate Degree Programs

## Degrees offered

- PhD, Computer Engineering
- PhD, Electrical Engineering
- MS & M.Eng., Computer Engineering
- MS & M.Eng., Electrical Engineering
- MS, Photonics
- MS, Data Science (on campus & online)

Electrical and computer engineers are essential across industry, academia, and government, providing innovation at the interface of information, technology, and the physical world.

Lehigh's electrical and computer engineering graduate programs enable advancement into leadership roles with lasting impact across fields such as health and biomedicine, energy, high-performance computing, communications, infrastructure, and security.

Our renowned faculty provide the tools necessary for a lifelong pursuit of inventive research and the design of innovative products that shape industries and change lives. Ours is a close-knit and welcoming environment, with access to large-scale research resources and a thriving network of alumni that spans the globe.

## Research

- Electronics & photonics
- Bioelectrical engineering
- Computer engineering
- Electric energy
- Communications & signal processing

Electrical and computer engineering research at Lehigh is supported by an array of public and private sponsors, including the National Science Foundation, Electric Power Research Institute, Keysight Technologies, California Energy Commission, Cisco, Tesla, Sony, U.S. Department of Energy, and U.S. Department of Defense.

## Graduate Placement

- Amazon
- Keysight Technologies
- Apple
- LinkedIn
- Facebook
- Lutron
- Google
- Stanford University
- Honeywell
- Tesla

## Connect with Us

Visit [engineering.lehigh.edu/ece](https://engineering.lehigh.edu/ece) or scan the code to download the complete Electrical & Computer Engineering Graduate Degree Programs guide.



## Highlights

- **100%** PhD students fully funded
- Job placement rate: **85%**
- **4:1** student-to-faculty ratio
- **75%** of faculty hold national awards & fellowships



## About Lehigh University

Recognized among the nation's premier research universities, Lehigh provides an academically rigorous experience to a community of more than 7,000 students.

Our small size, ideal student-to-faculty ratio, and vibrant campus allow students to collaborate on projects in and out of the classroom. Lehigh offers a "friendly community-oriented atmosphere on a hilly campus that is beyond beautiful," according to *The Princeton Review*.



[engineering.lehigh.edu/ece](https://engineering.lehigh.edu/ece)



To learn more, please contact:

Rossin College Graduate Programs  
Lehigh University  
[engineering@lehigh.edu](mailto:engineering@lehigh.edu)

