



*“Terahertz scanners may one day replace those used at airports to detect hidden illegal substances. I enjoy fabricating these laser chips because I get to use **high-tech machines** and do experiments in Lehigh’s Integrated Nanofabrication and Cleanroom Facility. I decided to get my PhD to gain **deeper, broader ways of thinking** about optics and photonics, while working with **leaders in the field.**”*

**Fei Jia**  
Graduate student

# 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

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

- **Apple**
- **Keysight Technologies**
- **Facebook**
- **Lutron**
- **Honeywell**
- **Stanford University**

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Visit [engineering.lehigh.edu/ece](http://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: 93%** for PhD; **89%** for master's
- **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*.



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