



*“Our team is combining **3D printing and topology optimization** to design and manufacture reinforced concrete structural members with improved structural performance. This will also reduce their size and, in turn, **lower the cost of materials and the carbon footprint** of the entire structure. As an international student, **the support from my professors and fellow graduate students has been exceptional**. The Lehigh community is rich with diverse backgrounds and varying perspectives.”*

*Urinrin Otite, PhD student, Civil Engineering*



# Civil & Environmental ENGINEERING

Graduate Degree Programs

## Degrees offered

- Civil Engineering (MS, M.Eng. & PhD)
- Environmental Engineering (MS, M.Eng. & PhD)
- Structural Engineering (MS, M.Eng. & PhD)
- Catastrophe Modeling (MS & certificate)
- Probabilistic Modeling across Engineering and Science (certificate)

Lehigh's Department of Civil and Environmental Engineering equips graduate students with sound reasoning and advanced technical skills to address complex engineering challenges. Our programs prepare graduates to lead in careers with top engineering firms, government agencies, and academic and research institutions.

Doctoral students work closely with our distinguished faculty to conduct cutting-edge research on campus and with partners around the world. Students have the opportunity to publish their research in top-tier journals and present at leading conferences.

Master's students learn in an individualized environment and choose the right pace and path for their goals. Students can customize a unique coursework degree program or pursue a thesis- or project-based degree.

CEE graduate programs combine Lehigh's small-university experience with the professional advancement and impact expected of larger schools.

## Research

- **Environmental Engineering**
- **Geotechnical Engineering**
- **Structural Engineering**
- **Water Resources Engineering**

Civil and environmental engineering research at Lehigh is supported by an array of public and private sponsors, including the National Science Foundation, U.S. Dept. of Energy, U.S. Environmental Protection Agency, and Pennsylvania Infrastructure Technology Alliance.

## Graduate Placement

- **AECOM**
- **Army Public Health Center**
- **DeSimone Consulting Engineers**
- **Hazen**
- **Princeton University**
- **Simpson, Gumpertz & Heger**
- **Thornton Tomasetti**
- **University of California, San Diego**
- **U.S. Environmental Protection Agency**

## Connect with Us

Visit [engineering.lehigh.edu/cee](http://engineering.lehigh.edu/cee) or scan the code to download the complete Civil & Environmental Engineering Graduate Degree Programs guide.



## Highlights

- **100%** funding for PhD tuition and stipend
- **4:1** student-to-faculty ratio
- **Consistently among Academic Ranking of World Universities' Top 10** civil engineering departments



## About Lehigh University

Recognized among the nation's premier research universities, Lehigh offers 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/cee](http://engineering.lehigh.edu/cee)



To learn more, please contact:

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