



*“I have a **huge support system here at Lehigh** that has mentored me throughout my graduate career and helped me achieve a prestigious national fellowship. My research is in the relatively new field of high-entropy alloys—materials with unprecedented mechanical strength and hardness. There is **so much yet to be discovered** and endless possibilities!”*

Mari-Therese Burton
PhD student

Materials Science & ENGINEERING

Graduate Degree Programs

Degrees offered

- Materials Science and Engineering (PhD, MS, and M.Eng.)
- Polymer Science and Engineering (MS; on campus and online)
- Nanotechnology (certificate)
- Polymer Science and Engineering (certificate)

Materials scientists and engineers bring together engineering, physics, and chemistry to invent new ways to combine elements into materials with unprecedented functional properties.

Lehigh's materials science and 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 manufacturing.

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

- Sustainable materials and manufacturing
- Materials for advancing human health
- Advanced characterization using machine learning

Materials science and engineering research at Lehigh is supported by a wide array of public and private sponsors, including Arkema, Army Research Laboratory, Carpenter Technologies, Dow, IBM, Intel, the National Institutes of Health, the National Science Foundation, the Office of Naval Research, and the U.S. Department of Energy.

Graduate Placement

- Alcoa
- ExxonMobil
- Sandia National Laboratory
- Case Western University
- Lockheed Martin
- SpaceX
- DuPont
- Naval Nuclear Laboratory
- University of California, Irvine

Connect with Us

Visit engineering.lehigh.edu/matsci or scan the code to download the complete Materials Science & Engineering Graduate Degree Programs guide.



Highlights

- **100%** funding for PhD tuition and stipend
- **80%** of faculty hold prestigious national awards and fellowships
- **3:1** student-to-faculty ratio
- **\$4M** in sponsored research annually



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/matsci

To learn more, please contact:



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