

Duke

Master of Engineering Program

Biomedical Engineering

Civil Engineering

Electrical and Computer Engineering

Environmental Engineering

Mechanical Engineering

Materials Science and Engineering

Photonics and Optical Sciences

Employer and Partner Information

Duke's **Master of Engineering** (MEng) curriculum allows its graduates to develop the skills and knowledge to contribute more to your organization. The program combines in-depth study in a specific engineering discipline complimented with a foundation in business fundamentals and management. Beyond sharpening critical thinking and communication skills, this 18-24 month professional graduate program gives students the additional opportunity to gain practical experience through an internship requirement.

This program creates **applied technology leaders**.

- Students typically have fewer than 5 years of work experience; through this program they gain the advanced engineering skills and management focus to provide vision to an organization.
- Students are top performers from leading undergraduate engineering and science programs and come to MEng with strong leadership skills further developed through the program.

With **7 technical concentrations**, students can advance their knowledge in a specific engineering discipline.

- Biomedical Engineering
- Civil Engineering
- Electrical and Computer Engineering
- Environmental Engineering
- Materials Science and Engineering
- Mechanical Engineering
- Photonics and Optical Sciences

Master of Engineering students in all disciplines must complete 30 credits comprised of **key program elements**.

- Core industry preparatory courses:
 - Business Fundamentals for Engineers
 - Management of High Tech Industries
- Departmental or interdisciplinary core courses
- Technical electives in a concentrated area
- Internship, Project, or Equivalent

MEng Graduates work in areas such as:

- Electronics
- Energy and the Environment
- Finance
- Healthcare and Medical Devices
- Manufacturing
- National Research Labs
- New Technology Start-Ups
- Photonics
- Software Development
- Transportation and Construction

MEng Graduates accept positions such as:

- Application Engineer
- Automation Engineer
- Consultant
- Design Engineer
- Development Engineer
- Environmental Engineer
- IT Manager
- Optical Engineer
- Process Engineer
- Quality Engineer
- R&D Engineer
- Semiconductor Engineer
- Software Engineer
- Technology Analyst

Looking for more information on hiring MEng students or partnering with the program? Contact:

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Visit : <http://meng.pratt.duke.edu/>

Build Your Brand

Building a brand on campus is essential to marketing your positions and your organization to Duke students, and the Career Services Team can help you reach more students efficiently. By developing a name for your company within the Master of Engineering program, you can reach a diverse group of students and build a lasting legacy on campus.

How You Can Engage

With the Master of Engineering Program

- Hold a **roundtable** highlighting your company to a select group of interested students
- Highlight your company and the various positions students might hold in their career in our annual **Night With Industry** exploration event
- Share your insight on the interview process and meet students interested in your field through **mock interviews**
- Host a **case competition, coding workshop, or technical seminar** - build your company's name and teach valuable skills at the same time
- **Engage with our career services team** to develop a strategy specific for your organization

With Duke University

- Host a **university-wide information session**
- Post a position in our on-campus database, **eRecruiting**
- Interview **on-site or virtually** using the Career Center's new technology rooms
- Attend **TechConnect** or one of our **career fairs**
- Host a **Duke-wide competition** or simulation
- Speak to students as an **Expert-in-Residence** during the year
- Visit <http://www.studentaffairs.duke.edu/career/employers>

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