Solving complex 21st century technology challenges requires successful interaction and collaboration by teams of engineers and other professionals able to collaborate across diverse disciplines, cultures, and geographies. College of Engineering Master's students learn the deep technical expertise, interdisciplinary perspectives, and leadership skills to lead the way. They are highly sought after as employees in the global engineering marketplace.

Whether you earn the Master of Science or Master of Engineering degree, you will emerge prepared for a fulfilling career in industry or government, or for further graduate study.

Global Technology Hub

Our graduate students hail from every part of the U.S. and more than 30 countries. BU's College of Engineering is an integral part of the Boston area's thriving technology hub. Studying in Boston places you front and center in an environment rich with major technology companies and startups, presenting diverse learning, research, networking, and workforce opportunities.

A Major Research Center

College of Engineering faculty are conducting advanced engineering research aimed at advancing health care and biology, energy and the environment, information systems, and security.

Research initiatives include:

- Advanced materials
- Sensors and imaging
- Networks and systems
- Healthcare technology
- Energy and sustainability
- Micro and nanotechnology
- Robotics
- Data analytics
- Security and defense technology
- Smart cities

Outstanding Faculty

Michael A. Kasparian, MS
Co-Founder, Atlas Wearables

“Getting my masters degree provided the focus I needed to add closure to my undergraduate experience and prepare me for the real world.”

National Academy of Engineering or National Academy of Sciences members

IEEE fellows

AACC of America fellows

NSF CAREER Award winners

AIMBE fellows

19 IEEE fellows

11 National Academy of Inventors Charter Fellows

2 National Academy of Sciences members

1 NSF CAREER Award winners

1 MacArthur Award winner

11 Acoustical Society of America fellows

30 AIMBE fellows

1 MacArthur Award winner

Robust Financial Assistance

Various forms of financial aid are available to support your studies at the College of Engineering. All qualifying admitted students are automatically considered for a merit-based scholarship of up to 50 percent of tuition. Federal and credit-based loans, and external funding opportunities are also available.
Choose the degree and program aligned with your career goals

- Whether you want a purely technical track or wish to incorporate complementary coursework in project management, product development, or the innovation life cycle, our diverse options let you match your academic or career objectives.

- In addition to rigorous technical coursework, master’s students complete a real-world building project or research practicum designed to demonstrate competency and experience.

Flexible Degree Options

- "The MS degree program offers so much more than academic learning; you gain practical project experience, advice from faculty and staff, and unexpected opportunities along the way." - Manya Chen, MS

Programs

- Biomedical Engineering
- Computer Engineering
- Electrical Engineering
- Global Manufacturing
- Manufacturing Engineering
- Materials Science
- Mechanical Engineering
- Photonics
- Systems Engineering

Specialization Programs

Build further expertise by adding a specialization in one or more of today’s high-growth fields.

- Cybersecurity
- Robotics
- Data Analytics
- Cybersecurity

Career Ready

- Whether your goals are in academia, research, industry, or government, gain the advanced technical skills and cross-disciplinary insights you need to achieve your goals.

Professional Development Series

- Take advantage of personalized assistance from select professors and the opportunity to network with industry representatives and alum through our popular graduate seminar series.

Global Employers

- Our students find internships and employment with companies like:
  - Accenture
  - AT&T
  - GE
  - Hewlett Packard
  - Proctor & Gamble
  - PTC
  - Rolls Royce
  - Schindler
  - Bosch
  - Canon
  - Google
  - Johnson & Johnson
  - Mathworks
  - Raytheon

Learn more: www.bu.edu/eng/masters

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</tr>
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www.bu.edu/eng/masters
Flexible Degree Options
Choose the degree and program aligned with your career goals

Why BU?
The MEng degree enabled me to add business skills into my program to prepare me for my consulting career. I was able to acquire critical project management and leadership skills, while still pursuing more in-depth and specialized technical training as an engineer.”
Carolyn Gaut, MEng
Study Manager, invCRO LLC

"My internship was a great stepping stone into industry. It helped me transition from being a student in a nest to spreading my wings as a professional engineer.”
Abhinav Nair, MEng
Associate Software Developer, Pearson

Consistently ranked among the most prestigious graduation programs in the U.S.

Study with the Best – Work with renowned faculty in top-tier programs from around the globe.

Multidisciplinary Education – Combine in-depth technical expertise in your chosen field with the skills to work effectively with teams of specialists across multiple disciplines.

Flexible Curriculum – Our degree options enable you to customize your course load for a purely technical program or to address additional skill sets, including leadership capabilities, technical management, and project development.

Specialization Programs – Develop expertise in today’s most urgent challenges through interdisciplinary course clusters in Robotics, Data Analytics and Cybersecurity.

Master of Science

The MS program is tailored for students interested in building technical depth in a chosen area of study. Students may pursue complementary graduate-level coursework or other advanced-level technical subject matter.

Master of Engineering

The MEng program is tailored for students interested in complementing graduate-level technical study in engineering by developing project management, product development, and technical leadership.

Programs

- Biomedical Engineering
- Computer Engineering
- Electrical Engineering
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- Materials Science
- Mechanical Engineering
- Photonics
- Systems Engineering

Flexible Specialization

Build further expertise by adding a specialization in one or more of today’s high-growth fields. The Specialization Program is annotated to your degree and transcript.

Specialization Programs

- Cybersecurity
- Data Analytics
- Robotics
- Cybersecurity

Career Ready

Whether your goals are in academia, research, industry or government, gain the advanced technical skills and cross-disciplinary insights you need to achieve your goals.

Career Development Support

- Internships

Boston University is committed to helping you find placements in internships. We offer a unique graduate degree designation called “Engineering Practice” that provides academic recognition for a completed internship.

Global Employers

Our students find internships and employment with companies like:

- Accenture
- A&T
- CE
- Hewlett-Packard
- Procter & Gamble
- PTC
- Rolls Royce

Learn more www.bu.edu/engmasters

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By Standing Ready

Career and Leadership Development

- Professional Development Series

Within 6 months of graduation, virtually all College of Engineering students are employed or pursuing doctoral studies.
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The MS program is tailored for students interested in building

in-depth and specialized technical training as an engineer.”

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Programs

- Biomedical Engineering
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- Manufacturing Engineering
- Global Manufacturing**
- Electrical Engineering
- Biomedical Engineering

** MS degree only

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Internships

- Jobs and internship database
- Workshops on résumé writing, networking and interviewing
- Individualized coaching
- Career Fairs and on-campus interviews with major companies

Professional Development Series

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Global Employers

Our students find internships and employment with companies like:

- Accenture
- Schlumberger
- A&T
- IBM
- GE
- GE Healthcare
- Hewlett Packard
- Google
- Boeing
- Proctor & Gamble
- Microsoft
- Boeing
- FTM
- Johnson & Johnson
- Rolls Royce
- Philips

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Study with the Best – Flexible Curriculum – Specialization Programs – Workforce Readiness – Why BU?

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- Raytheon
- Microsoft
- Johnson & Johnson
- Google
- Boston Scientific
- Biogen Idec
- IBM
- Mathworks
- Honeywell
- Schneider Electric
- Thermo Fisher
- Philips

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Global Technology Leadership