Biomedical Engineering

MASTER OF ENGINEERING PROGRAM

ADVANCING PATIENT CARE THROUGH NEW TECHNOLOGY

BU's Master of Engineering (MEng)
A customized, professional master's degree program for students focused on careers in the private sector, the MEng offers a graduate curriculum of advanced technical courses in an area of specialization and a unique practical hands-on product development project, which engages the clinical community to identify and develop novel engineering solutions to medical problems.

Boston University College of Engineering
Department of Biomedical Engineering
**Advanced Biomedical Design and Development**

All students in the MEng degree program complete this two-semester, hands-on practicum course. A complete experiential opportunity to work directly with the clinical community, students analyze real-world medical needs, design innovative engineering solutions, build working prototypes and reduce these concepts to practice. Students will also develop regulatory, IP and realistic implementation plans for commercializing their designs. Students progress through the complete product development cycle: **Discovery, Design, Development and Deployment.**

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**Areas of Research:**

- Biomechanics and Mechanobiology
- Molecular, Cellular and Tissue Engineering
- Neural Engineering
- Synthetic and Systems Bioengineering
- Biomaterials
- Biomedical Imaging
- Computational Modeling and Data Sciences
- Nanotechnology and Sensing

Additional Specialization programs are available in Data Analytics, Cybersecurity or Robotics through the College of Engineering.

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**Location - Boston’s Biotech Hub:**

BU is an integral part of the area’s thriving biotechnology hub. Studying in Boston places you front and center in an environment rich with major biotechnology companies and startups, presenting diverse learning, research, networking and workforce opportunities.

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**Employment:**

Within 6 months of graduation, virtually all BU College of Engineering students are employed or pursuing further advanced degrees. Alumni have jobs in over 75 high-end biomedical companies.

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**Apply Now**

*Application Deadline: March 15*  
(January 15 – Priority Review for Scholarships)

*Information:*

[www.bu.edu/eng/departments/bme/programs](http://www.bu.edu/eng/departments/bme/programs)

*Contact:*

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