M.S. AND PH.D. IN

BIOMEDICAL ENGINEERING

BME.UH.EDU

ENGINEERING THE FUTURE OF HEALTHCARE

BIOMEDICAL ENGINEERING AT UH

The mission of the biomedical engineering program at the University of Houston is to develop leadership in academia, government and industry both nationally and globally The importance of global scientific, social and cultural interaction and the demands of the dynamic, *ever-changing globalhealthcare economy are strongly emphasized* in the biomedical engineering graduate program.

Cullen College of Engineering
UNIVERSITY OF **HOUSTON**

WHY THE UNIVERSITY OF HOUSTON?

Graduate students are taught by distinguished faculty members and world leaders in biomedical engineering.

Biomedical engineering graduate students are prepared for careers in the biomedical technology industry, academia or government.

- Part of the Texas Medical Center, the largest medical center in the world.
- Limitless opportunities for multi-institutional collaboration and research.
- In-state tuition for competitive MS students
- 100% of full-time doctoral students are fully funded

RESEARCH ENTERPRISE

Students can choose to specialize in the following areas:

- Neural, cognitive and rehabilitation engineering
- Biomedical imaging
- Bionanoscience

GRADUATE DEGREES OFFERED

Alumni are currently advancing the medical field in:

- Professional Masters (Online and in-person)
- Research-based Masters

QUICK FACTS

- Program began in 2012
- Students successfully earn individual federally-funded grants
- > 50 MS + > 80 PhD students
- 100% employment rate for PhD students postgraduation
- 2 NSF CAREER award-winning faculty
- 2 Top 1% of Highly Cited Researchers
- 2 AAAS Fellows
- 30+ Active Research Grants

Student Diversity:
- Students from 19+ countries
- 59% of the BME graduate student population is from an underrepresented group in STEM

Cutting edge research:
Immunoegineering, Healthcare Innovations, Bioelectronic Medicine,Imaging, and Point of Care Diagnostics.

Almuni Placement:
We have alumni from our graduate program at UTHealth, MD Anderson, Stanford, Yale, Harvard, Cedars-Sinai, national Laboratories, GE, Alcon, Regeneron, Merck, Sysco, ExxoMobil, Google, Eurofins, Amazon, Cala Health, Siemens Healthineers, Medtronic, Abbott, NASA, Veteran's Affairs, and Intel.

Engineering Centers and Consortia:
Collaborations with industry, both internal to UH and the Cullen College of Engineering, and external research enterprises, are a tenet of our department. Our faculty participate in the following center and consortia:

- Nanofabrication Center
- Hewlett-Packard Enterprise Data Science Institute
- Drug Discovery Institute

FOR MORE INFORMATION
For more information on eligibility and admission requirements, please visit www.bme.uh.edu/graduate or email BMEgradAdmissions@uh.edu

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