A microscopic view of several cells, likely red blood cells, with a pair of sunglasses resting on one of them. The image is rendered in a reddish-pink color scheme. The text is overlaid on a dark horizontal band at the top.

# **BIOMEDICAL ENGINEERING**

**BME.UH.EDU**

**ENGINEERING  
THE FUTURE OF  
HEALTHCARE**

UNIVERSITY of **HOUSTON** | **ENGINEERING**

## WHAT IS BIOMEDICAL ENGINEERING?

Biomedical engineers solve problems in biology and medicine, playing a central role in advancing healthcare, medicine and patient care. At the UH Cullen College of Engineering, biomedical engineering students and faculty members are researching new methods for diagnosing diseases, improving therapies for the treatment of diseases and developing cutting-edge medical technologies that are being implemented in hospitals and clinics across the country.

## WHY THE UNIVERSITY OF HOUSTON?

The central 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 global healthcare economy are strongly emphasized in the biomedical engineering graduate program. Graduate students are taught by distinguished faculty members and world leaders in the biomedical engineering field. Moreover, the University's proximity to the Texas Medical Center, the largest medical center in the world, provides graduate students with nearly limitless opportunities for multi-institutional collaboration and research. In fact, 95 percent of current full-time doctoral students are fully funded.

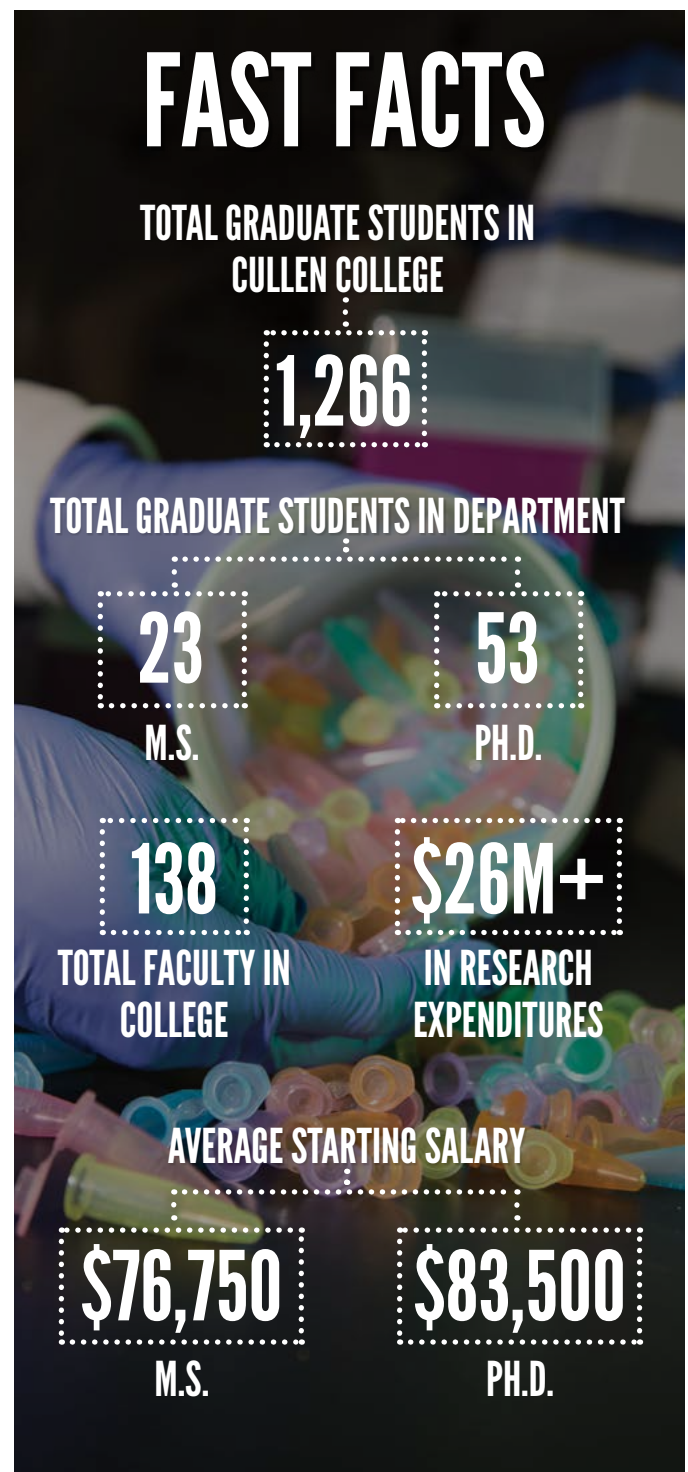
## WHAT CAN I DO WITH A BIOMEDICAL ENGINEERING GRADUATE DEGREE?

Biomedical engineering graduate students at the UH Cullen College of Engineering will be prepared for careers in the biomedical technology industry, academia or government. Research in the graduate program focuses on three main areas: 1) neural, cognitive and rehabilitation engineering; 2) biomedical imaging; 3) bionanoscience.

A 2017 salary survey produced by the National Association of Colleges and Employers found that new graduates with an M.S. in biomedical engineering earn an average starting salary of \$76,750. Payscale.com reports that graduates with a Ph.D. in biomedical engineering earn an average annual salary of \$83,500.

## WHAT TYPES OF GRADUATE DEGREES DO YOU OFFER IN BIOMEDICAL ENGINEERING?

The UH Cullen College of Engineering offers M.S. thesis and non-thesis degrees in biomedical engineering, as well as Ph.D. degrees (with prior M.S. degree or directly from undergraduate degree).



## FOR MORE INFORMATION

For more information on eligibility and admission requirements, please visit [www.bme.uh.edu/graduate](http://www.bme.uh.edu/graduate)