Accreditation

The University of Houston BSBE program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.

Program Educational Objectives

Graduates of the Biomedical Engineering Program of the UH Cullen College of Engineering obtain employment in a wide variety of biomedical engineering fields. Many further their education to pursue careers in research, medicine, business, law, or other areas. Regardless of the career path they choose, we believe that an education in biomedical engineering will prepare them for a productive professional experience, and we strive to provide them with the technical, team-working, communication, and professional skills necessary for success. Accordingly, we have established the following Program Educational Objectives:

1. Our graduates will pursue advanced studies in biomedical engineering or other disciplines if they so choose.
2. Our graduates will meet or exceed the expectations of their employers in the biomedical engineering workplace or in other professional careers of their choosing.
3. Our graduates will engage in self-development activities that will allow them to adapt to evolving technical challenges and changing career opportunities.

Student Outcomes

Students in the UH Biomedical Engineering Program are expected to attain:

a. an ability to apply knowledge of mathematics, science, and engineering;
b. an ability to design and conduct experiments, as well as to analyze and interpret data;
c. an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability;
d. an ability to function on multi-disciplinary teams;
e. an ability to identify, formulate, and solve engineering problems;
f. an understanding of professional and ethical responsibility;
g. an ability to communicate effectively;
h. the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context;
i. a recognition of the need for, and an ability to engage in life-long learning;
j. a knowledge of contemporary issues; and
k. an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

Student Enrollment/Degrees Awarded

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<th>DEGREE</th>
<th>STUDENT ENROLLMENT FALL 2016</th>
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Please click here for full enrollment/degrees awarded data.

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