The undergraduate programs in biomedical, chemical, civil, computer, electrical, industrial, petroleum and mechanical engineering are accredited by the Engineering Accreditation Commission of ABET http://www.abet.org/.

View Cullen College enrollment and degrees awarded.
• Our graduates will engage in self-development activities that will allow them to adapt to evolving technical challenges and changing career opportunities.

Direct your comments to makay [at] central [dot] uh [dot] edu (Dr. Metin Akay), Chair

**CHEMICAL & BIOMOLECULAR ENGINEERING**

Prepare graduates who will:

• meet or exceed the evolving expectations of employers, particularly in the energy and chemical industries,
• pursue life-long learning and development, especially through advanced studies, and
• become future leaders in industry, academe or government.

Direct your comments to mharold [at] uh [dot] edu (Dr. Mike Harold), Chair

**CIVIL ENGINEERING**

UH CE Program graduates will

• meet or exceed the expectations of their employers in the public and private sectors, and
• continue to develop professionally by pursuing licensure, graduate and professional studies and/or continuing education.

Direct your comments to rballarini [at] uh [dot] edu (Dr. Roberto Ballarini), Chair

**COMPUTER ENGINEERING**

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

Direct your comments to broysam [at] uh [dot] edu (Dr. Badri Roysam), Chair

**ELECTRICAL ENGINEERING**

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

Direct your comments to broysam [at] uh [dot] edu (Dr. Badri Roysam), Chair

**INDUSTRIAL ENGINEERING**

• Provide the knowledge and skill set for graduates to meet or exceed the expectations of the industrial engineering profession with respect to professional knowledge, responsibilities, and advancement.
• Prepare graduates to pursue advanced studies in industrial engineering or in other disciplines if they so choose.
MECHANICAL ENGINEERING

- To produce graduates who will be able to secure, to maintain, and to change professional employment or to gain placement in post-graduate education, if and when desired.

PETROLEUM ENGINEERING

Graduates of the University of Houston petroleum engineering program will:

- address the challenges of the world’s energy needs responsibly,
- exceed the evolving expectations of employers in the petroleum and energy industries,
- sustain industry leading skills, and
- be leaders in industry, academe, and government.

Program Student Outcomes

Students in each of the Cullen College's engineering programs are expected to attain:

- an ability to apply knowledge of mathematics, science, and engineering;
- an ability to design and conduct experiments, as well as to analyze and interpret data;
- 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;
- an ability to function on multi-disciplinary teams;
- an ability to identify, formulate, and solve engineering problems;
- an understanding of professional and ethical responsibility;
- an ability to communicate effectively;
- the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context;
- a recognition of the need for, and an ability to engage in life-long learning;
- a knowledge of contemporary issues; and
- an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

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Links:
[1] https://www.egr.uh.edu/academics/undergraduate-programs/accreditation