

CULLEN COLLEGE OF ENGINEERING

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ABOUT THE CULLEN COLLEGE OF ENGINEERING

The Cullen College of Engineering is Engineered for What's Next. Their world-renowned faculty, millions of dollars in research expenditures, engaged students and close ties with Houston's booming industries make them a leader in the world of engineering and technology. Houston is the Space City, Energy Capital and home to the world's largest medical center — and studying at UH Cullen College of Engineering puts you at the center of those opportunities and many more.

★ Nationally ranked
programs

Top 50
Best Public Engineering
School in the US
—U.S. News & World Report (2023)

18 minor programs
for in-demand technology skills

44 student organizations

22 majors across
11 departments

& Paid internships
& career opportunities
with top companies in Houston,
the US and around the world

\$35+ million
in research expenditures
and leading programs to get undergraduate
students involved in research



Biomedical Engineering



Chemical Engineering



Civil Engineering



Computer Engineering & Analytics



Construction Engineering



Electrical Engineering



Industrial Engineering



Mechanical Engineering



Petroleum Engineering



Systems Engineering



Biotechnology



Computer Engineering Technology



Computer Information Systems



Digital Media



Human Resource Development



Mechanical Engineering Technology



Retailing and Consumer Science



Supply Chain and Logistics Technology



Technology Leadership and Innovation Management



Construction Management



Electrical Power Engineering Technology



Computer Engineering

ADMISSION REQUIREMENTS FOR ENGINEERING MAJORS

FRESHMAN STUDENTS

All engineering majors must meet the general University of Houston freshman admission requirements which are listed below. In addition, the following are recommended high school courses for engineering majors: 4 units of English, 3 units of Social Studies, 1 unit of Chemistry, 1 unit of Physics and 4 units of Mathematics (2 in Algebra, 1 in Geometry and 1 in Pre-Calculus).

Mechanical Engineering Majors Only: Course in mechanical drawing/drafting in the tenth, eleventh or twelfth grade. A deficiency in this area may be made up during the first year at the University of Houston.

CLASS RANK	WITH A TEST SCORE SAT ACT	WITHOUT A TEST SCORE Calculated Unweighted GPA
Top 25%	1270 (630 ERW) 27 (54 ENG + READ)	3.80
26-50%	1320 (630 ERW) 28 (54 ENG + READ)	3.80
51-75%	1400 (630 ERW) 31 (54 ENG + READ)	3.90
All Others	1420 (630 ERW) 32 (54 ENG + READ)	3.90

Students who do not quite meet these requirements for assured admissions may be considered in Individual Review.

TRANSFER STUDENTS

To better accommodate the diversity of academic backgrounds of transfer student applicants, the Cullen College of Engineering has adopted a total holistic admission review process. This policy applies to all applicants to engineering, including those that satisfy the following transfer assured admission standards:

AREA	REQUIRED GPA*
All college-level work attempted	3.25
All college-level math courses attempted	3.0
All college-level science courses attempted	3.0
All college-level english courses attempted	2.5
All college-level engineering courses attempted	3.0

To following courses (can include AP credit) are preferred but not required to be admitted: Calculus I, Calculus II, General Chemistry I, "Calculus-based" Physics I

In the calculation of each GPA, all attempts taken at any institution count — even if a course was repeated.

UH/HCC ENGINEERING ACADEMIES

In partnership with Houston Community College (HCC), UH offers an Engineering Academy with the HCC-Katy and HCC-Fraga Eastside campuses. To learn more, visit: <https://www.egr.uh.edu/engineering-academies>

ENGINEERING MAJORS

- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Computer Engineering & Analytics*
- Construction Engineering*
- Electrical Engineering
- Industrial Engineering
- Mechanical Engineering
- Petroleum Engineering
- Systems Engineering*

*Students in these majors will complete major coursework at UH at Katy in Katy, TX.

FOLLOW ENGINEERING ON SOCIAL MEDIA!



University of Houston Cullen College of Engineering



@uhengineering



Office of Admissions
Office of the Provost



admissions@uh.edu



713-743-1010, option 4



@UHAdmissions



CULLEN COLLEGE OF ENGINEERING

Technology Division

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- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering @ Analytics
- Construction Engineering
- Electrical Engineering
- Industrial Engineering
- Mechanical Engineering
- Petroleum Engineering
- Systems Engineering
- Biotechnology
- Computer Engineering Technology
- Computer Information Systems
- Digital Media
- Human Resource Development
- Mechanical Engineering Technology
- Retailing and Consumer Science
- Supply Chain and Logistics Technology
- Technology Leadership and Innovation Management
- Construction Management
- Electrical Power Engineering Technology
- Computer Engineering

ADMISSION REQUIREMENTS FOR TECHNOLOGY DIVISION MAJORS

All tech division majors must meet the general University of Houston freshman and transfer admission requirements. Some majors have additional admission requirements, which are listed below.

FRESHMAN STUDENTS

Technology Division

Applicants must complete the following high school coursework:

Biology, Chemistry, or Physics: 2 units

Algebra: 2 units

Geometry: 1 unit

Pre-Calculus: 1 unit

English: 4 units

TRANSFER STUDENTS

In addition to the standard UH admission requirements, the majors listed below have additional admission requirements.

MAJOR	ADMISSION TYPE/ COURSEWORK	REQUIRED GPA
Biotechnology	Assured Admission <i>(no admission through individual review)</i>	2.5
Computer Information Systems	Assured Admission <i>(no admission through individual review)</i>	2.75
Construction Management	Assured Admission <i>(no admission through individual review)</i>	2.5
*Engineering Technology	All college-level work attempted	2.5
	All college-level physics courses attempted	2.0
	All college-level math courses attempted	2.0

*Computer Engineering Technology, Electrical Power Engineering Technology and Mechanical Engineering Technology | Students must meet the GPA criteria in the table above and must have completed at least one of the following:
MATH 2312, MATH2413, MATH 2414

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TECHNOLOGY DIVISION MAJORS

- Biotechnology
- Computer Engineering Technology
- Computer Information Systems
- Construction Management
- Digital Media
- Electrical Power Engineering Technology
- Human Resource Development
- Mechanical Engineering Technology
- Retailing and Consumer Science
- Supply Chain and Logistics Technology
- Technology Leadership and Innovation Management

Students in these majors will complete major coursework at UH at Sugar Land in Sugar Land, TX. A subset of these majors are currently housed at the UH Main Campus, but will be fully transitioned to Sugar Land by 2025.

FOLLOW ENGINEERING ON SOCIAL MEDIA!



UH Cullen College of Engineering - Technology Division



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