ENGINEERING UNDERGRADUATE ADMISSIONS REQUIREMENTS [1]

For admission rules and requirements applicable to all University of Houston applicants visit UH Admissions [2].

Admission standards for the Cullen College of Engineering are higher than the general admissions criteria for UH. The tables below show the College of Engineering’s admission criteria for high school graduates and transfer students. Current UH students who want to change their majors to engineering must meet the transfer student admissions criteria.

Cullen College of Engineering Freshman Admission Criteria

Applicants must meet the following criteria.

<table>
<thead>
<tr>
<th>Class Rank</th>
<th>Original SAT Total (Prior to March 2016)</th>
<th>Redesigned SAT Total/Minimum SAT Evidence-Based Reading and Writing (Since March 2016)</th>
<th>ACT Composite and ACT English</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top 25%</td>
<td>1200 and 570</td>
<td>1270/630</td>
<td>26 and 24</td>
</tr>
<tr>
<td>26 ? 50%</td>
<td>1260 and 570</td>
<td>1320/630</td>
<td>28 and 24</td>
</tr>
<tr>
<td>51 ? 75%</td>
<td>1340 and 570</td>
<td>1400/630</td>
<td>30 and 24</td>
</tr>
<tr>
<td>All Others</td>
<td>1370 and 570</td>
<td>1420/630</td>
<td>31 and 24</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ReCOMMENDED High School Courses for Engineering Majors</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry</td>
<td>1</td>
</tr>
</tbody>
</table>
**Physics**  
1

**Mathematics (including two units/credits in algebra, one in geometry, and one-half in either elementary analysis or analytical geometry)**  
4

**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.

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**Transfer Students**

You will be evaluated as a transfer student for admissions purposes if:

- You are a US citizen and have earned 15 or more semester hours of college-level credit; or,
- You are an international student who has completed post-secondary coursework.

For more information, visit [UH Transfer Admissions](#).

Below are the transfer admission standards beginning Spring 2017.

<table>
<thead>
<tr>
<th>Area</th>
<th>Required GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>All college level work attempted</td>
<td>3.25</td>
</tr>
<tr>
<td>All calculus courses and math courses with calculus prerequisites attempted</td>
<td>3.00</td>
</tr>
<tr>
<td>All college level science courses* required by any engineering major attempted</td>
<td>3.00</td>
</tr>
<tr>
<td>All college level non-remedial English courses attempted</td>
<td>2.50</td>
</tr>
<tr>
<td>All college level engineering courses attempted</td>
<td>3.00</td>
</tr>
</tbody>
</table>

To be admitted, students must have credit for (can include AP credit):

- 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**.

* Biology 1361/1161 and 1362/1162, Chemistry 1331/1111, 1332/1112, 1372/1117, 3221, 3331, and 3332, Geology 1330/1130, Physics 1321/1121 and 1322/1122.

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**Major Changes for Current Students**

You will be evaluated for major change admissions purposes if:

- You are a current UH student who wants to change to an engineering major (see [Major Change Request Form](#)).
Area | Required GPA
---|---
All college level work attempted | 3.25
All calculus courses and math courses with calculus prerequisites attempted | 3.00
All college level science courses* required by any engineering major attempted | 3.00
All college level non-remedial English courses attempted | 2.50
All college level engineering courses attempted | 3.00

To be admitted, students must have credit for (can include AP credit):

- MATH 1431 ? Calculus I
- MATH 1432 ? Calculus II
- CHEM 1331 ? General Chemistry I
- PHYS 1321 ? University Physics I
- ENGI 1331 ? Computing for Engineers

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

* Biology 1361/1161 and 1362/1162, Chemistry 1331/1111, 1332/1112, 1372/1117, 3221, 3331, and 3332, Geology 1330/1130, Physics 1321/1121 and 1322/1122.

**Requirements for Non-Engineering Students to Enroll in Engineering Courses**

Course | Requirements
---|---
ENGI 1100 | Open to all majors at UH with credit for or concurrent enrollment in MATH 1431.

ENGI 1331 | Non-engineering students are required to petition for this course (Course Request Form [5])
- Must meet all minimum GPA requirements above
- Have credit for MATH 1431
- Have credit for either CHEM 1331 or PHYS 1321
- Have credit for or concurrent enrollment in ENGI 1100
Sophomore (2000) level engineering course(s)

- Non-engineering students are required to petition for any sophomore level course(s) (Course Request Form [5])
- Must meet all the prerequisites for the course(s)
- Must meet all minimum GPA requirements above
- Have a B or better in MATH 1432
- Have a B or better in CHEM 1331
- Have a B or better in PHYS 1321
- Have a B or better in ENGI 1331

Major courses (courses that count towards a program’s major GPA) are defined in each major’s section of the Undergraduate Catalog.

Non-engineering students at UH may be allowed to attempt freshman and lower-level sophomore courses as detailed above. See the advisor for the engineering major of interest to discuss. Requests for enrollment in engineering courses must be made online using the Course Request Form [5]. Enrollment decisions will be made based on your academic performance, space availability in your major of interest, and space availability in the engineering course(s) in which you seek enrollment.

Readmission

Students seeking readmission from University Academic Suspension or returning to the University of Houston after an interruption of at least four terms or 13 consecutive months into the Cullen College of Engineering must follow the readmissions procedure by the deadline date as outlined: http://www.uh.edu/admissions/apply/re-apply-former-student/ [6]

Students seeking readmission from Engineering Suspension into the Cullen College of Engineering must follow the readmissions procedure by the deadline date as outlined. The readmission form can be found here [7].

New Student Conferences

All new freshman and transfer students admitted to the University of Houston are required to attend an orientation conference. For more information see the University’s New Student Conferences webpage [8].

Credit by Exam

The University of Houston and Cullen College of Engineering accept credit through various examination programs, including the Advanced Placement (AP) Examinations and Scholastic Aptitude Test (SAT) Subject Tests. UH Departmental Exams are also available to test out of certain courses. For more information see the University Testing Services Credit by Examination webpage.
Placement Exams

Students admitted to the University of Houston must meet certain criteria to enroll in Core Curriculum, English, and math courses. See requirements here [10].

UH Math Placement Exam

All students who do not satisfy one of the requirements below must take the UH Math Placement Exam. This placement exam is free and can be taken online. Students who satisfy one or more of the requirements below can still choose to take the UH Placement Exam to assess their current Math skills and how those skills translate into the UH Math curriculum. Students are not required to take the UH Math Placement exam if they:

- Have transfer credit for MATH 1310 College Algebra or higher;
- Have credit for MATH 1310 College Algebra or higher through Advanced Placement Examinations (AP), the College Level Examination Program (CLEP), or other examinations as shown on the University Testing Services Credit by Examination webpage [9].

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Links:
[1] https://www.egr.uh.edu/academics/admissions/requirements