

UC 10911 10F

**Proposal for ENGR to Degree Program Major Changes**  
**Dave Shattuck, Associate Dean for Undergraduate Programs**  
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**Criteria for Major Changes from ENGR to Engineering Degree Programs**

We propose that the criteria for changing major from ENGR major to the Engineering Degree Programs be set by the Engineering Degree Programs themselves. The current criteria for such changes are given on the next page of this document. However, moving forward, these criteria may need to change, as it becomes clear what criteria accurately predicts future success in the degree programs. The current criteria will be posted on the college web page for students to view.

To review, the Cullen College of Engineering has already proposed in a previous proposal that the ENGR major be redefined as follows:

The Engineering Unspecified (ENGR) major (plan) is meant for students who are intending to change their major (plan) to a program leading to an engineering degree. A degree cannot be earned by a student whose major is ENGR. This major is intended to be exclusively for students who are in transition to an engineering major where a degree can be earned. There is a fee charged each semester to students enrolled in this major. All students in this major must be advised by Engineering Undergraduate Programs advisors at least once every long semester (fall and spring).

Students cannot earn a degree while their major is ENGR. We plan to state this in many places on the web, and in other documentation.

We propose that students who apply to UH and want an engineering major, who meet the UH criteria but not the criteria for their major of choice, be admitted to the ENGR major. This will probably result in an increase in the number of engineering majors. This major is intended to serve students in transition to a program in engineering where they can earn a degree.

The current proposed criteria for changing major from ENGR to an engineering degree program follows on the next page.

**Admissions Criteria for Students from ENGR**

The criteria for moving from ENGR to the engineering degree programs, as of October 4, 2010, are listed on this page. It is our intention to enforce the attempt limits on science, mathematics and engineering courses for such major changes. While the attempt limits could be petitioned in extreme cases, generally students who take more than three attempts to earn a satisfactory grade in required science and mathematics courses or take more than two attempts to earn a satisfactory grade in a required engineering course, will not be admitted to the degree programs. If a student reaches a point where he/she cannot be admitted to any engineering degree plan, that student will be required to change his/her major out of ENGR.

**Biomedical Engineering:**

A minimum GPA of 2.50 in all attempts at ECE 1331 and CHEE 2331. Must earn a grade of B or better in ECE 1331 to take CHEE 2331. Must complete ECE 1331 and CHEE 2331 before being admitted.

**Chemical Engineering:**

A minimum GPA of 2.75 in all attempts at CHEE 1331, CHEE 2331, and either CHEE 2332 or CHEE 3321. Must earn a grade of B or better in CHEE 1331 to take CHEE 2331. Must complete CHEE 1331, CHEE 2331, and either CHEE 2332 or CHEE 3321 before being admitted.

**Civil Engineering:**

A minimum GPA of 2.75 in all attempts at CIVE 1331, CIVE 2330, and CIVE 2331. Must earn a grade of B- or better in CIVE 1331 to take CIVE 2330 and CIVE 2331. Must complete CIVE 1331, CIVE 2330 and CIVE 2331 before being admitted.

**Computer Engineering:**

A minimum GPA of 3.0 in all attempts at UH of engineering courses, calculus courses, and calculus-based physics courses, with at least 3 of these courses taken at UH.

**Electrical Engineering:**

A minimum GPA of 3.0 in all attempts at UH of engineering courses, calculus courses, and calculus-based physics courses, with at least 3 of these courses taken at UH.

**Industrial Engineering:**

A minimum GPA of 2.50 in all attempts at INDE 1331, INDE 2331, and INDE 2333. Must earn a grade of B- or better in INDE 1331 to take INDE 2331 and INDE 2333. Must complete INDE 1331, INDE 2331 and INDE 2333 before being admitted.

**Mechanical Engineering:**

A minimum GPA of 2.75 in the first two attempts of MECE 1331 and MECE 2336. A minimum of 2.75 in MECE 2334 and MECE 3336 in the first two attempts taken at UH. Must obtain a B- or better in latest attempt at MECE 1331, MATH 1432 and PHYS 1321 to be able to take MECE 2334, MECE 2336 and MECE 3336.

**Petroleum Engineering:**

A minimum GPA of 2.75 in all attempts at CHEE 1331, INDE 2333, and CHEE 2332. Must earn a grade of B or better in CHEE 1331 to take CHEE 2332. Must complete CHEE 1331, INDE 2333, and CHEE 2332 before being admitted.