

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C2925**

Fields marked with \* are required

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Associated Forms exist? Yes

**Proposed effective term**

Semester   Year

**Course Information**

Select Appropriate Program

Name of New or Existing Program

Select Category   Degree Type

Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C for CBE - revised 10.28.21.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

CBE students typically take CBE 101, which is offered Fall Semesters, and then have a gap during the Spring Semester. The timing of 101 is set, as it is a chance to establish advising relationships and ensure students get onto their degree plans without wasting valuable time on courses they do not need. The department has, in the process of modifying various courses, also uncovered a critical gap in the spring semester. This is currently when students take courses like physics and calculus, and if they struggle, sometimes they misinterpret this to mean they do not belong in engineering, even though they achieve acceptable grades in these courses. Our analysis of historic data further suggests that while some switch majors, a higher percent leave the university. During the spring semester of their first year, it is critical that students who plan to pursue a degree in chemical engineering have closer connections to their peers and the faculty, paired with experiences to support them to see such struggle as a sign of a capable and hard worker. Further, as CBE 101 is a 1-credit course, the opportunities to expose students to the highly varied career paths is limited. Our past surveys show that our students start with equally diverse interests in biomedical engineering, environmental careers, materials engineering, and more traditional chemical engineering pathways. The additional 1-credit course will widen the scope of opportunities and faculty with whom they can interact and build relationships that support their success in the degree, in the university, and beyond

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications. (upload a doc/pdf file)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)