

## B.S. Chemical Engineering Plan of Study

Name \_\_\_\_\_ ID # \_\_\_\_\_ Entry Term \_\_\_\_\_ Grad Term \_\_\_\_\_ Date \_\_\_\_\_  
Catalog \_\_\_\_\_ Honors Double Degree w/ \_\_\_\_\_ Double Major w/ \_\_\_\_\_ Minor in \_\_\_\_\_

**Notes:** Please describe your career goals, specific areas of interest within chemical engineering, and any plans to attend graduate school, study abroad, etc.

Purpose in completing the plan of study:

1. Confirm all Technical Electives and SSH Electives are correctly satisfied and address career goals.
2. Confirm courses are available in the term that you plan for them (e.g., BBMB 303 is fall only)
3. Confirm all course pre-requisites and all curriculum requirements for graduation are satisfied.

### Technical Electives (21.0 Cr. Total):

	Course (Ex: CH E 490)	Credits	Notes
Chemical Engineering Electives (6.0 cr.)			
Engineering Elective (3.0 cr.)			
Professional Elective (3.0 cr.)			
Advanced Chem Elective (3.0 cr.)			
Statistics Elective (3.0 cr.)			
Communication Elective (3.0 cr.)			

### CH E Elective Options:

**Starting Fall 2023: CH E 429: Product Design (prereq: CH E 358 and CH E 382)**

Fall Semester:

- CH E 408: Surface and Colloid Chemistry (prereq: CH E 381)
- CH E 410: Electrochemical Engineering (prereq: CH E 357, CH E 381, CH E 382)
- CH E 440: Biomedical Applications of Chemical Engr. (prereq: CH E 210, MATH 266 or 267)

Spring Semester:

- CH E 406: Environmental Chemodynamics (prereq: CH E 357, CH E 381)
- CH E 415: Biochemical Engineering (prereq: CH E 357, CHEM 331, BBMB 301 or 303 or 404)
- CH E 447: Polymers and Polymer Engineering (prereq: CHEM 331, CH E 382 or MAT E 351)

Arranged (Either Fall or Spring Semester):

- CH E 490: Undergraduate Research/Independent Study (prereq: Permission of CBE Department)
- CH E 499: Applied Industrial Research (prereq: CH E 205, CH E 210, Permission of Instructor)

### Social Science and Humanities (SSH) Electives (15.0 Cr. Total):

Students need a minimum of 15.0 credits of SSH electives that must also satisfy the other following requirements – (6-9) credits within a single department, (3 cr.) of international perspective, and (3 cr.) of US diversity. List the courses you plan to take for SSH or transferred in as SSH and mark what category they are in. Note: some SSH classes can double or triple count.

Course	SSH from dept. approved list	Single Dept. (6-9 credits)	International Perspective	US Diversity
Ex: HIST 201	X		X	

