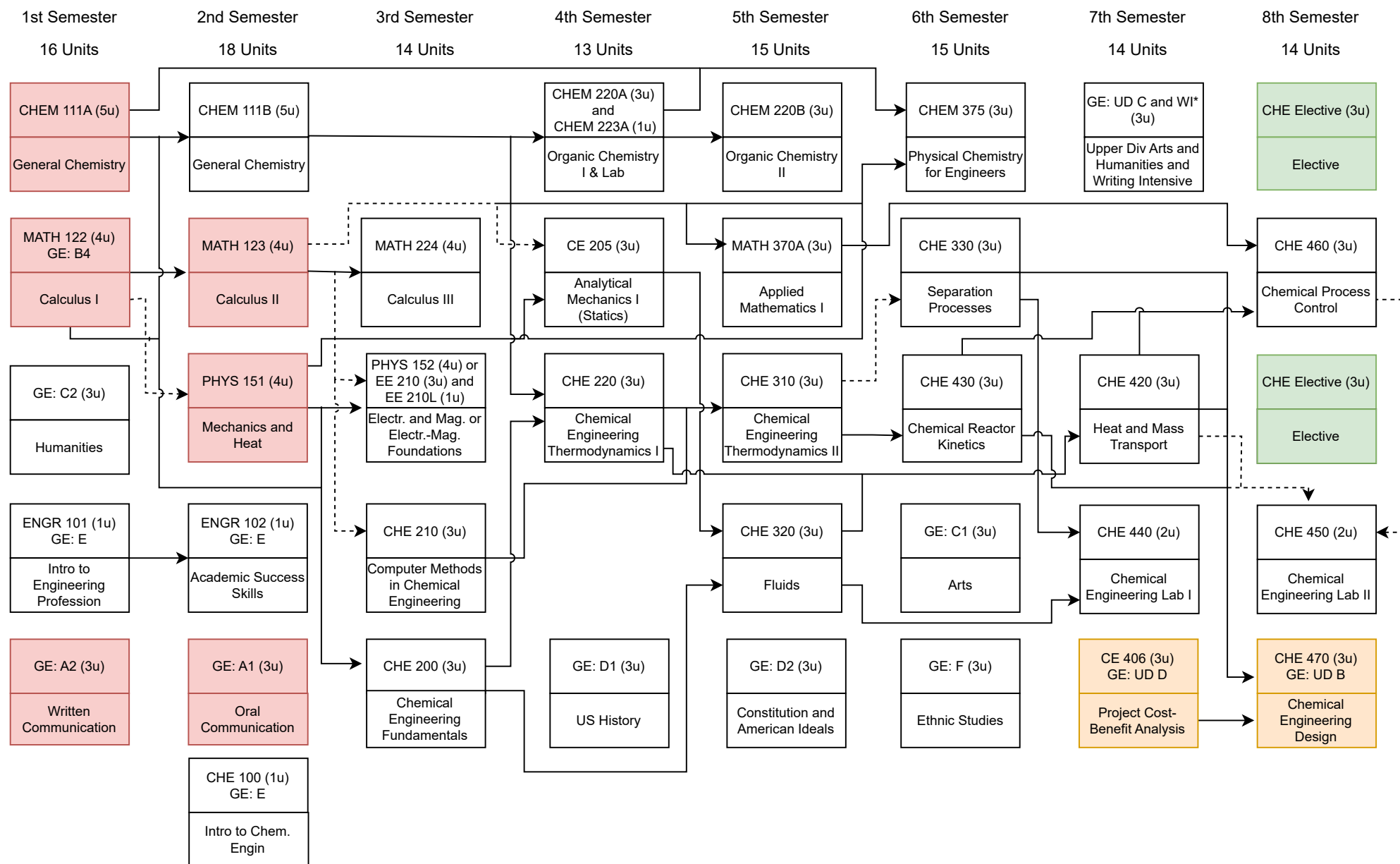


This sheet is **UNOFFICIAL** and subject to change without notice. Your requirements may differ from these. For your exact requirements, consult your Academic Requirements Report.

This sample flowchart shows the order courses are recommended to be completed for a Four Year Plan - 120 Units Required.



Contact Information

CHEM E Office: EN2-101 | Office Phone: 562-985-4909

Pre-Major Advisor:

ESSC Advising
Office: EN2-304A
Email: COE-Advising@csulb.edu

Faculty Advisor:

Dr. Sergio Mendez
Office: EN2 101
Email: sergio.mendez@csulb.edu

To Fully Declare:

Complete MATH 122,
MATH 123, CHEM 111A,
PHYS 151, GE A1 & A2

GWAR Requirement:

Complete GPE (Before 46-
60u) + WI course

Electives

Take 6 units from the following:

CHE 415, CHE 426, CHE 427, CHE 431, CHE 432, CHE
433, CHE 437, CHE 439, CHE 445, CHE 461, CHE 462,
CHE 471, CHE 475, CHE 480, CHE 485, CHE 490

Note: please check for the prereq on CSULB Catalog

2023-2024 (only) GE Pattern Worksheet: Chemical Engineering

Last Name	First Name	CSULB ID#	Date

General Education Categories <i>Lower Division (100-200 level courses) Upper Division (300-400 level courses)</i>	Course	Comp/IP	Double-Count
Area A: English, Communications & Critical Thinking - 9 units			
A1) Oral Communication/Speech - 3.0 units <u>Foundation</u>			
A2) Written Communication - 3.0 units <u>Foundation</u>			
A3) Critical Thinking - 3.0 units <u>Foundation</u>	Waived for Engineering majors		
Area B: Life Sciences, Physical Sciences & Math/Quantitative Reasoning – 12-13 units <i>Life Sciences & Physical Sciences with Lab – 9.0 units</i>			
B1) Physical Science W/Lab– 3.0 units	PHYS 151		Major
B2) Life Science – 3.0 units	Waived for Chemical Engineering majors		
B3) Laboratory Experience Verification	PHYS 151		Major
<i>Math/Quantitative Reasoning – 3.0 units</i>			
B4) Mathematics – 3.0 units <u>Foundation</u>	MATH 122		Major
Upper Division B (Scientific Inquiry/Quantitative Reasoning) - 3.0 units	CHE 470		Major
Area C: Arts & Humanities – 9 units (6 units Lower Division and 3 units Upper Division)			
C1) Arts – 3.0 units			
C2) Humanities – 3.0 units			
C3) Additional Arts or Humanities – 3.0 units	Waived for Chemical Engineering majors		
Upper Division C (Arts and Humanities) - 3.0 units required			
Area D: Social Science & Citizenship – 9.0 units (6 units of Lower Division, 3 units of Upper Division) <i>U.S. History and Political Science Required</i>			
D1) U.S. History – 3.0 units			
D2) U.S Constitution & American Ideals – 3.0 units			
D3) Social Sciences & Citizenship – 3.0 units	Not recommended for Engineering majors		
Upper Division D (Social Science) - 3.0 units required	CE 406		Major
Area E: Lifelong Learning & Self Development – 3.0 units (Lower Division only)			
E1) Intro to the Engineering Profession (ENGR 101) – 1.0 unit	ENGR 101		Major
E2) Academic Success Skills (ENGR 102) – 1.0 unit	ENGR 102		Major
E3) Intro to major-specific orientation – 1.0 unit	CHE 100		Major
Area F: Ethnic Studies - 3.0 units (Lower Division only)			
F1) Ethnic Studies – 3.0 units			
Graduation Writing Assessment Requirement (GWAR): Writing Intensive (WI) Course- 3.0 units <i>*(Can be double-counted with Upper Division C)</i>			

I recognize that certain aspects of this GE Pattern are still being developed and I must consult the current CSULB GE website for approved GE courses. www.csulb.edu/ge. I understand that this form is for general planning purposes only, is considered unofficial, subject to change, and is based on the 2023-2024 CSULB Catalog.

Student Signature _____

Date _____

Advisor Signature _____

Date _____