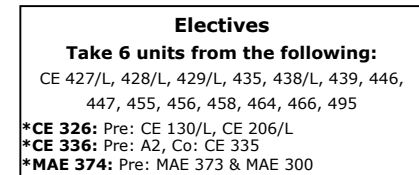


This sample flowchart shows the order courses are recommended to be completed for a Four Year Plan - 123 Units Required.



2024-2025 (only) GE Pattern Worksheet: Civil 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		BIOL 200 or 201		Major
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		CE 490		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 Civil 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 & CE 325		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		CE 101		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 2024-2025 CSULB Catalog.

Student Signature

Date

Advisor Signature

Date