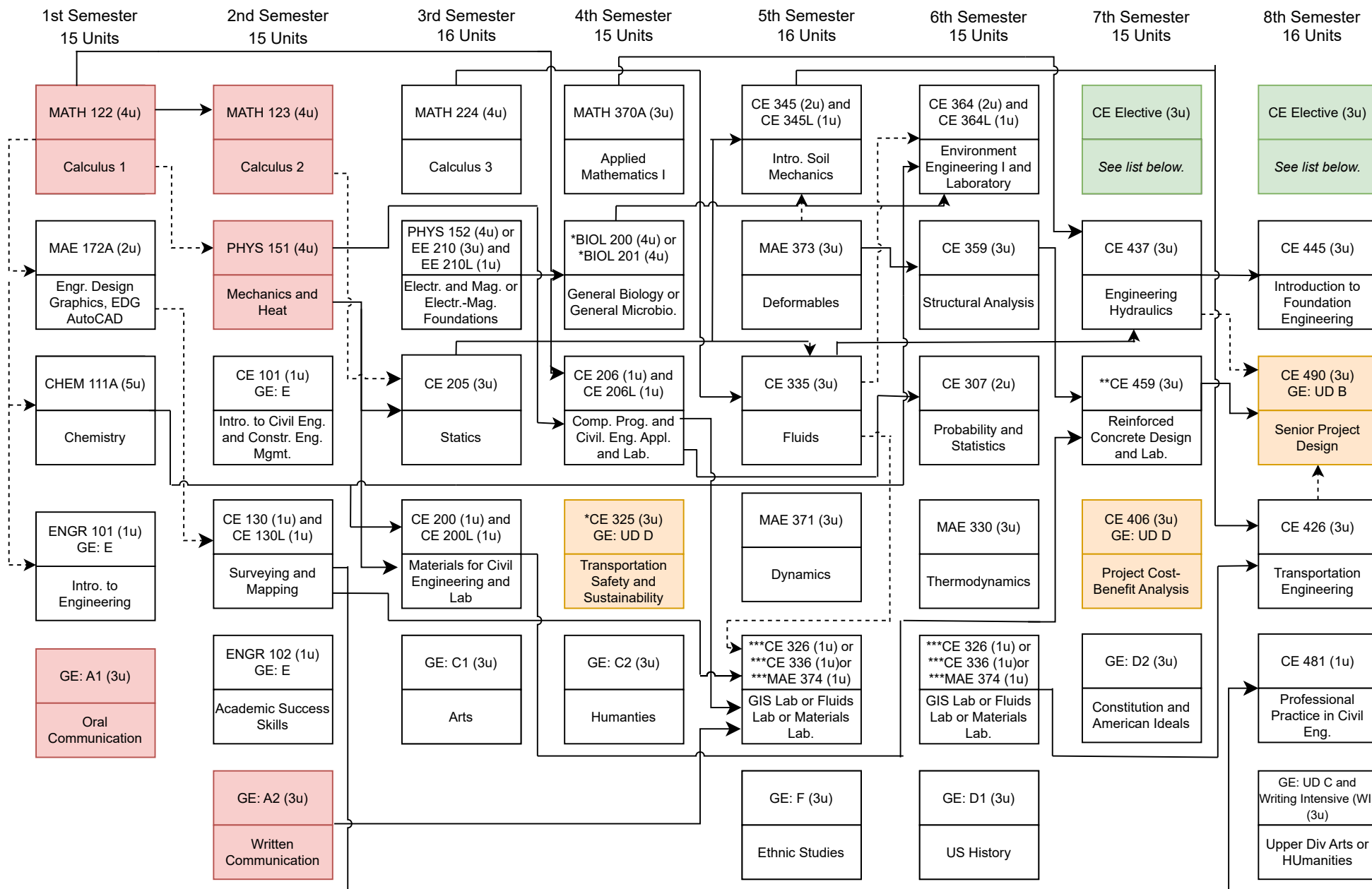


CIVIL ENGINEERING

UNOFFICIAL FLOWCHART

AY 2023-2024

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.



Legend:
u = units
MSDR
Major and UD GE Double-Count
Elective
Prerequisite
Corequisite

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To Fully Declare:
Complete MATH 122, MATH 123, PHYS 151, GE A1 & A2

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

*Must have completed GE Foundations
**Must have completed all 300 level courses.
***CE 326: requires CE 130/L, CE 206/L
***CE 336: CE 335 is a Req/Coreq
***MAE 374: requires MAE 373 & MAE 300
***CE 364: requires CHEM 111A

ELECTIVES
Take 6 units of the following:
CE 427/L, CE 428/L, CE 429/L, CE 435, CE 438/L, CE 439, CE 446, CE 447, CE 455, CE 456, CE 458, CE 464, CE 466, CE 495
**find a course that double counts w/ Upper Div GE: C and WI

2023-2024 (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 2023-2024 CSULB Catalog.

Student Signature _____

Date _____

Advisor Signature _____

Date _____