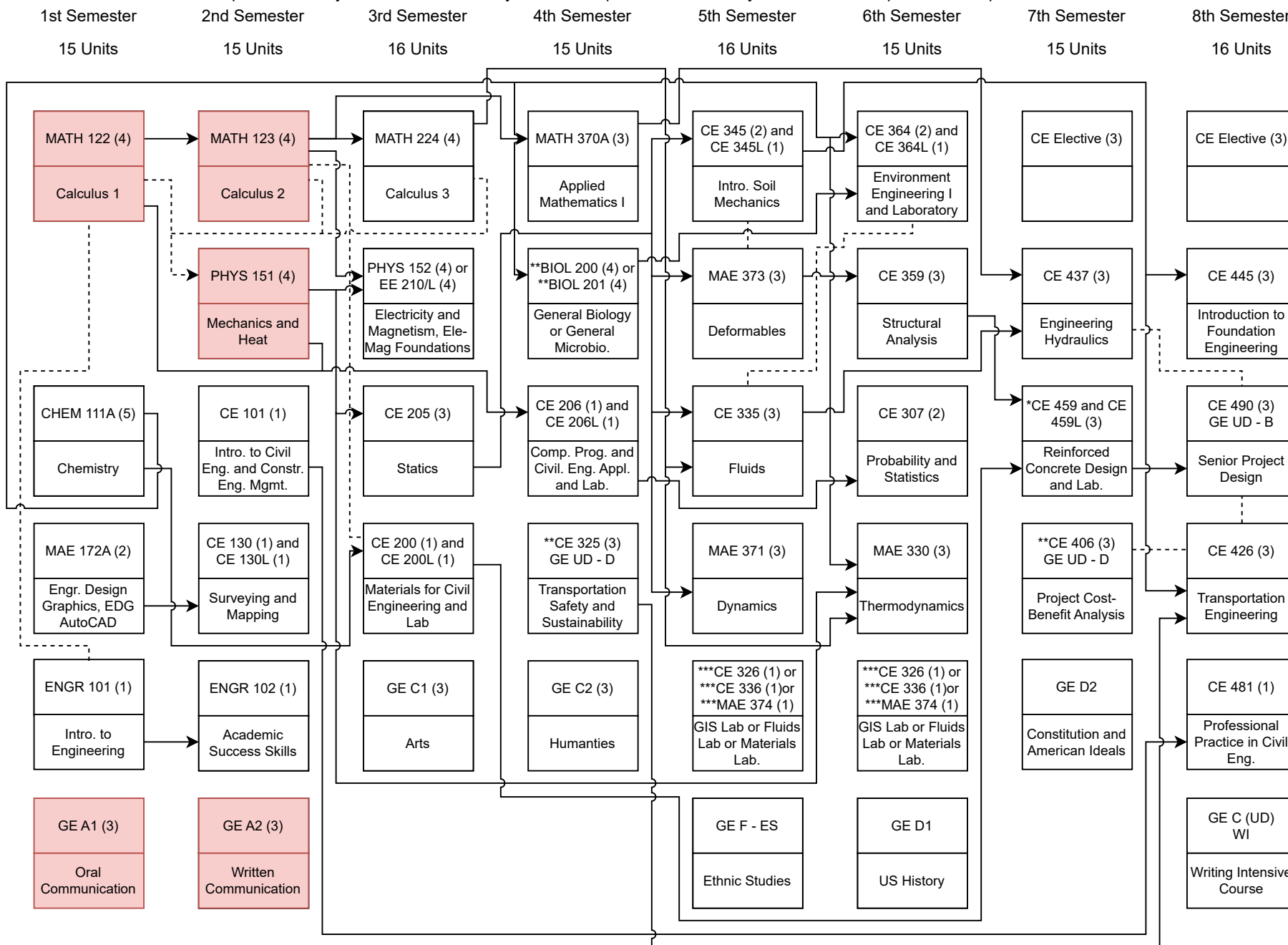


CIVIL ENGINEERING

FLOWCHART

AY 2022-2023

This sheet is **UNOFFICIAL**. Your requirements may differ from these. For your exact requirements, consult your Academic Requirements Report. This is a Four Year Plan - 120 Units Required.



LEGEND Prerequisite → Prerequisite or Corequisite - - - - - →	Contact Information CECEM Office: VEC-104 Phone: 562.985.8419 Email: CECEM@csulb.edu Undergraduates (A-I) Jin-Gi Hong, jingi.hong@csulb.edu VEC-107 Undergraduates (J-Z) Mehran Rahmani, mehran.rahmani@csulb.edu VEC-504	*Must have completed all 300 level courses. **Requires Completion of GE Foundations ***CE 326 Req: CE 130/L, CE 206/L CE 336 Req/Coreq: CE 335 MAE 374 Req: MAE 373, MAE 300	Please consult catalog.csulb.edu for your track specific courses regarding Sequence Electives, Capstones, etc. CE Approved Electives: 427/L, 428/L, 429/L, 435, 438/L, 439, 446, 447, 455, 456, 458, 464, 466, 495
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2022-2023 (only) GE Pattern Worksheet: Civil Engineering

Last Name	First Name	CSULB ID#	Date
General Education Category	Course	Comp/IP	Double Count
Lower Division (100 and 200 level courses)			
Upper Division (300 and 400 level courses) - 9 units Required			
Area A: English, Communication & 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 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)			
<i>To satisfy Lower Division requirements, must complete 3 units in Arts (C1) and 3 units Humanities (C2)</i>			
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 Arts and Humanities – 3.0 units required			
Area D: Social Science & Citizenship – 9.0 units (6 units of Lower Division (2 of 3 areas only), 3 units of Upper Division) US History and Political Science Required			
D) U.S. History – 3.0 units			
D) U.S Constitution & American Ideals – 3.0 units			
D) Social Sciences & Citizenship – 3.0 units	Not recommended for Engineering majors		
Upper Division Social Science – 3.0 units required	CE 406 & CE 325		Major
Area E: Lifelong Learning & Self Development – 3.0 units (Lower Division only)			
1) Intro to the Engineering Profession (ENGR 101) – 1.0 unit	ENGR 101		Major
2) Engineering Skills (ENGR 102) – 1.0 unit	ENGR 102		Major
3) Intro to major-specific orientation – 1.0 unit	CE 101		Major
Area F (F-ES): Ethnic Studies – 3.0 units (Lower Division only)			
1) Ethnic Studies (F-ES) – 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 2021-2022 CSULB Catalog.

Student Signature

Date

Advisor Signature

Date