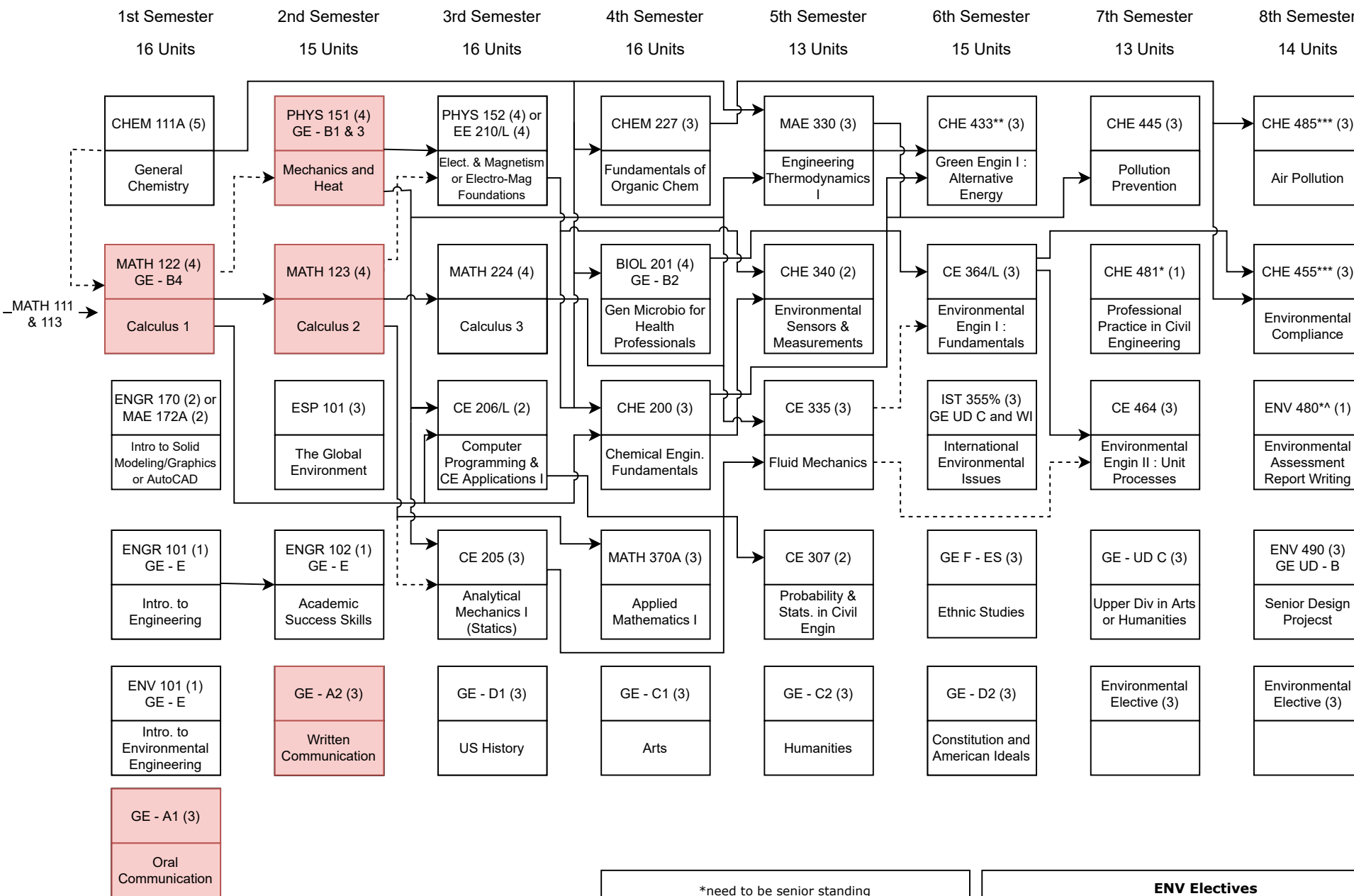


This sheet is **UNOFFICIAL**. Your requirements may differ from these. For your exact requirements, consult your Academic Requirements Report. This is a Four Year Plan - 120 Units Required.



Contact Information
 EE Office Phone: 562-985-5118
 Major Advisor: Dr. Jin Gi Hong
 Advisor Office: VEC-108A
 Advisor's Email: JinGi.Hong@csulb.edu

*need to be senior standing
 **the pre req are
 CH E 220 or MAE 300
 ***the pre req are CHEM 227 or CHEM 220A or CE 364
 ^need to complete all 300 lvl and lower div courses &
 need advisor consent
 %double count as GE Upper Div and WI ; GWAR score 11+
 and complete GE foundation

ENV Electives
Take 6 units from one of the following focus areas:
 Water Quality: CE 466, CHE 446, ENV 463, ENV 465
 Environmental Resource Management: CE 435, CE 437, CE 439,
 CH E 446, CHE 475, ENV 462
 Air Quality: CH E 446 CHE 475, ENV 411, ENV 415
 Please consult catalog.csulb.edu
 for specific course requirements relative to your major.

2022-2023 (only) GE Pattern Worksheet: Environmental 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 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	ENV 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 Environmental 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	I/ST 355		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	ENV 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>*(Double-counts with Upper Division D)</i>	I/ST 355		Major

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 _____