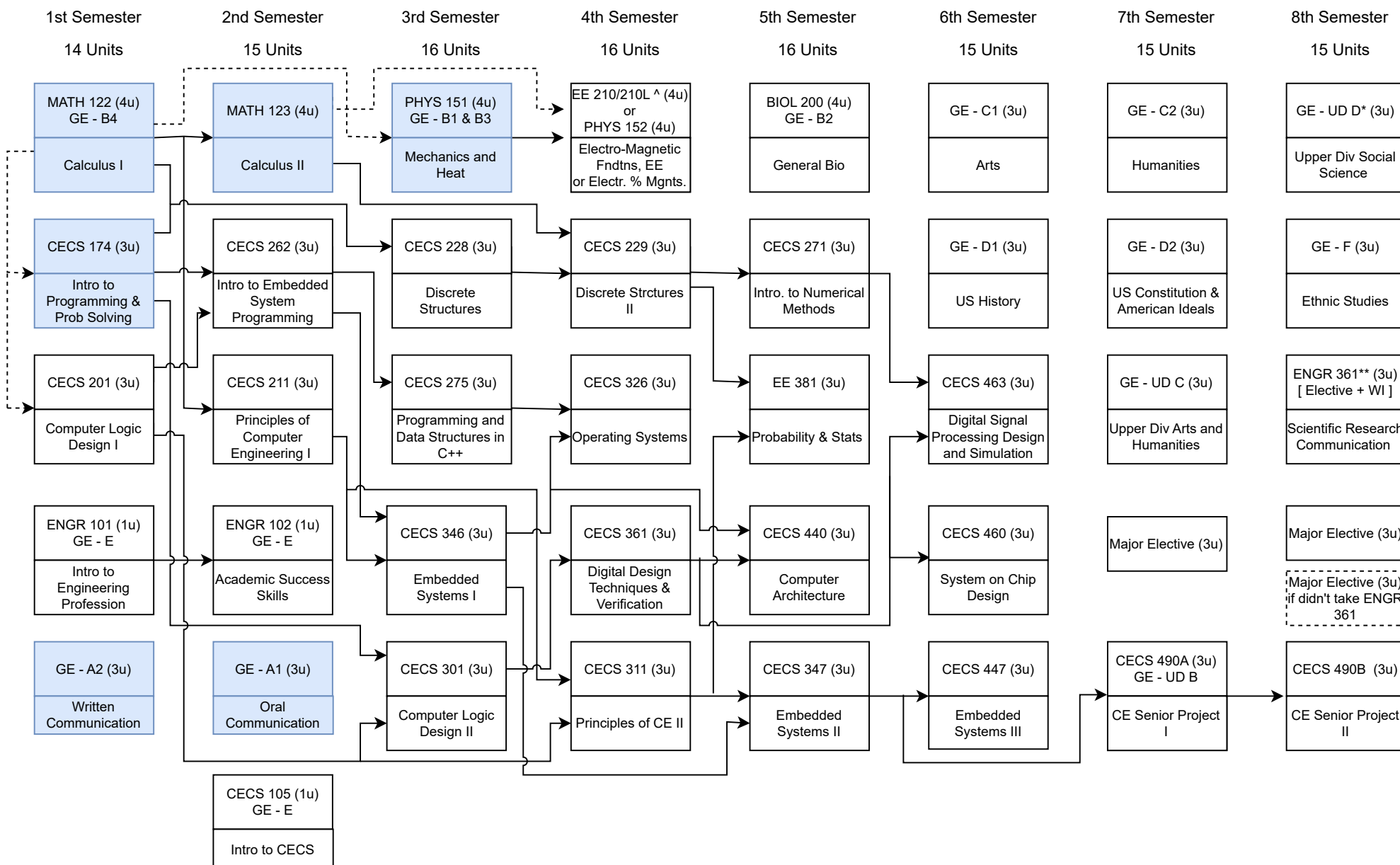


This sheet is **UNOFFICIAL**. Your requirements may differ from these. For your exact requirements, consult your Academic Requirements Report. This is a Four Year Plan - 120 Units Required.

**Legend:**

u = units

^ = could take PHYS 152 instead

* or ** = elective info

→ Prerequisite

-----> Corequisite

Contact Information

CECS Office Phone: 562-985-4285

Major Advisor: Dr. Xiaolong Wu

Room: ECS-547

Email: xiaolong.wu@csulb.edu

- Need MATH 122, MATH 123,
PHYS 151, CECS 174, GE A1 &
A2 to declare major
- GWAR requirement: complete
GPE exam + WI course
- Completer GPE exam before
46-60 units

Electives**Take 9 units from the following:**

CECS 328, CECS 343, CECS 378, CECS 406, CECS 451, CECS 461,
CECS 474, CECS 475, CECS 478, CECS 497, CE 406*, EE 483, ECON
300, ENGR 361**

* CE 406 could double count for UD - D

** ENGR 361 could double count for Writing Intensive (WI)

2022-2023 (only) GE Pattern Worksheet: Computer Engineering

Last Name	First Name	CSULB ID#	Date
General Education Category		Course	Comp/IP
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	Major Science Elective
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		CECS 490A	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 Computer 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 (Major Elective)
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		CECS 105	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			ENGR 361 (Major Elective)
<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