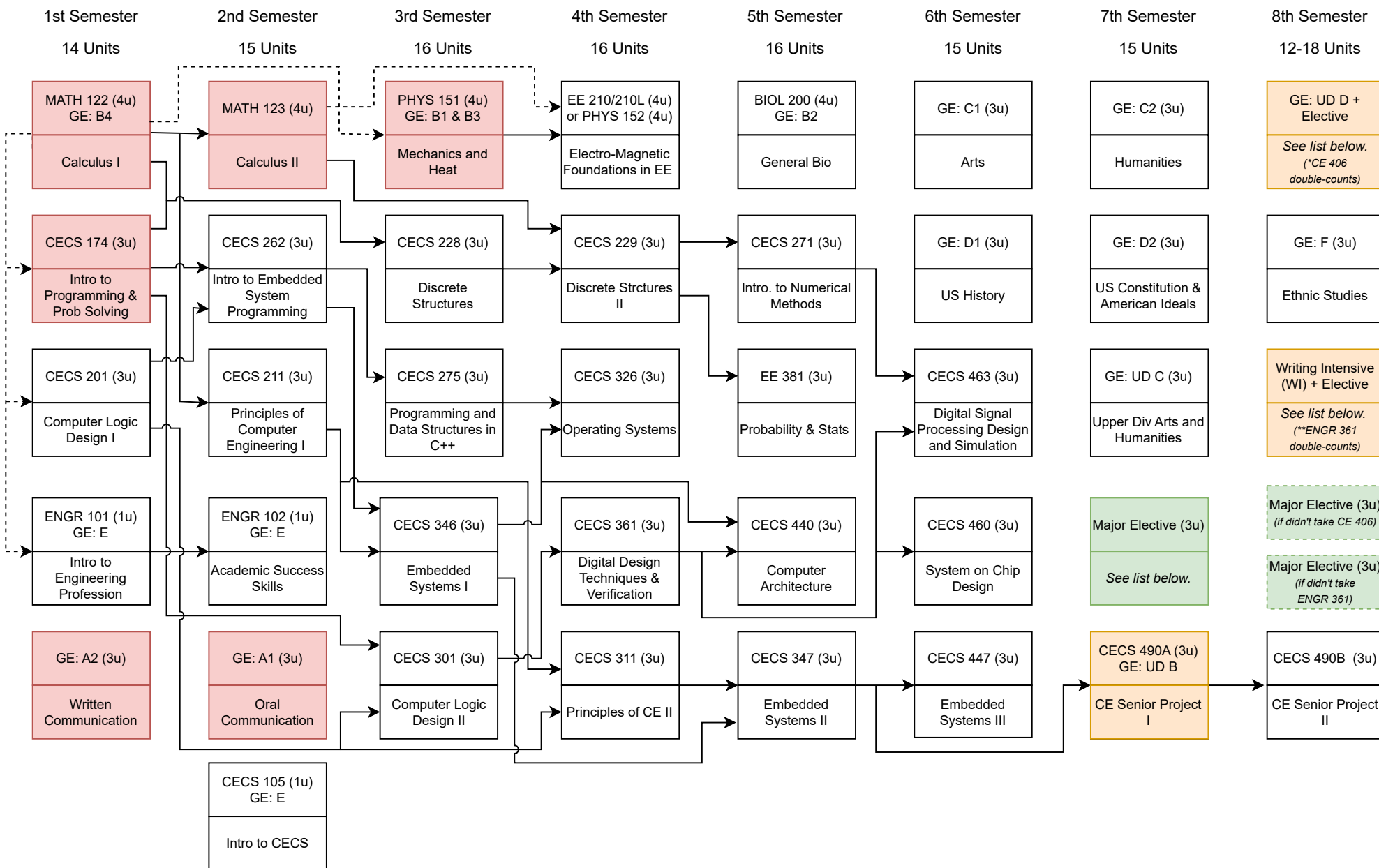


This flowchart is **UNOFFICIAL** and subject to change without notice. Your requirements may differ from these. For your exact requirements, consult your Academic Requirements Report.

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

Contact Information

CECS Office: ECS 552 | Phone: (562) 985-2910

Pre-Major Advisor:
ESSC Advising
Office: EN2-304A
Email: COE-Advising@csulb.edu

Faculty Major Advisor:
Dr. Xiaolong Wu
Office: ECS-547
Email: Xiaolong.Wu@csulb.edu

To Fully Declare:
Complete MATH 122, MATH 123, PHYS 151, CECS 174, GE A1 & A2

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

Electives

Take 9 units from the following:
CECS 328, CECS 343, CECS 378, CECS 406, CECS 451, CECS 456, CECS 461, CECS 474, CECS 475, CECS 478, CECS 497, **CE 406***, EE 483, ECON 300, **ENGR 361****
*CE 406 will double count for GE: UD D
**ENGR 361 will double count for Writing Intensive (WI)

2023-2024 (only) GE Pattern Worksheet: Computer 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
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	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 B (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)			
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 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 (Major Elective)
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		CECS 105	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>			ENGR 361 (Major Elective)

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