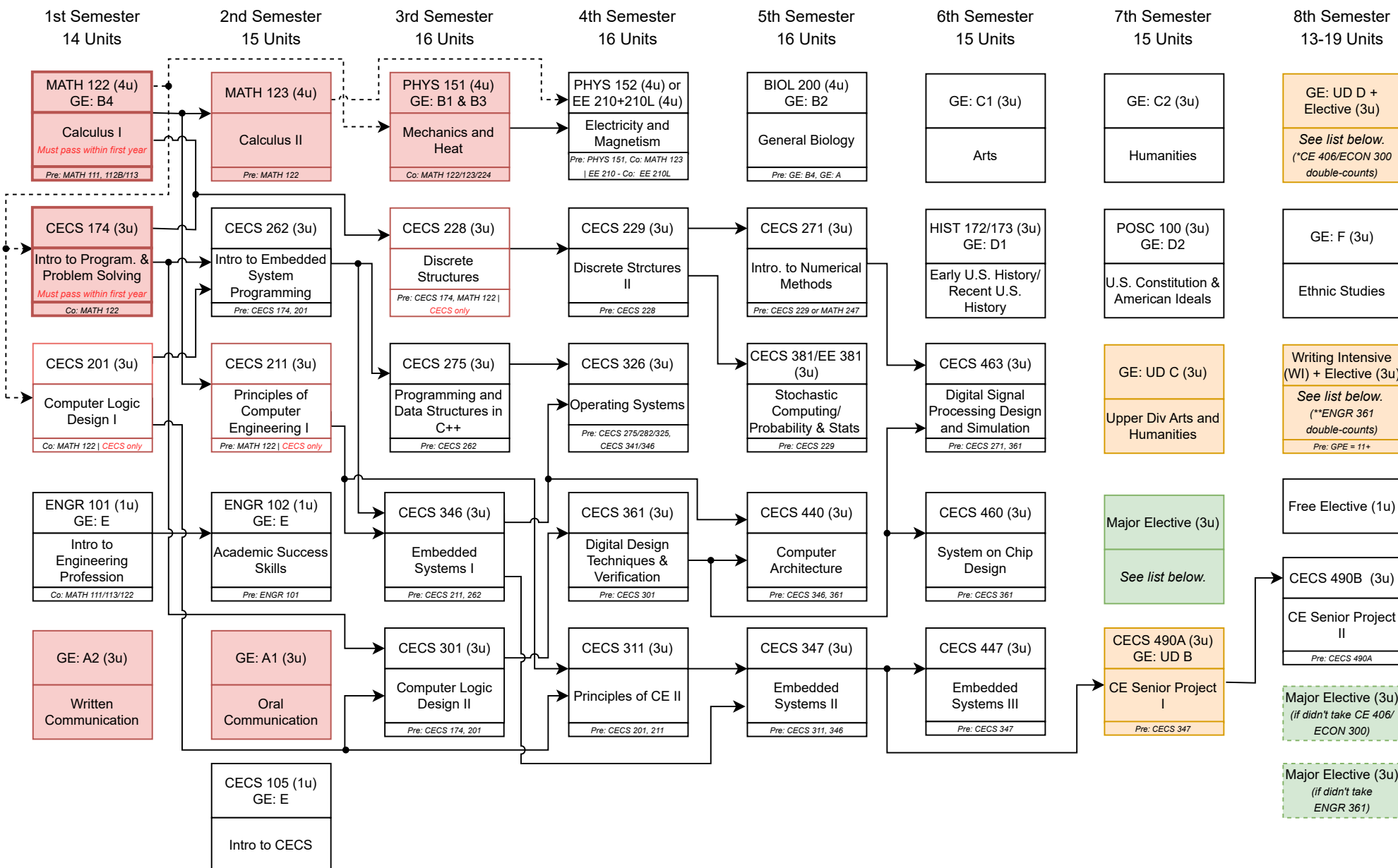


This flowchart is **UNOFFICIAL** and subject to change without notice. Your requirements may differ from these. For your exact requirements, consult your Academic Requirements Report.
This sample flowchart shows the order courses are recommended to be completed for a Four Year Plan - 120 Units Required.



Legend:

- u = units
- MSDR
- Major and UD GE Double-Count
- Elective
- Pre/Prerequisite
- Co/Corequisite

Contact Information

CECS Office: ECS 552 | Phone: (562) 985-4285

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

Faculty Major Advisor:
Dr. Amin Rezaei
Office: ECS-528
Email: Amin.Rezaei@csulb.edu

To Fully Declare:
Complete **MATH 122**, **MATH 123**, **PHYS 151**, **CECS 174**, **GE A1 & A2** prior to earning 60u
GWAR Requirement:
Complete GPE (Between 46-60u) + WI course

Electives
Take 9 units from the following:
CECS 328, 343, 378, 406, 451, 456, 461, 474, 475, 478, 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)
Consult catalog.csulb.edu for prerequisites.

2024-2025 (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	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		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				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 2024-2025 CSULB Catalog.

Student Signature

Date

Advisor Signature

Date