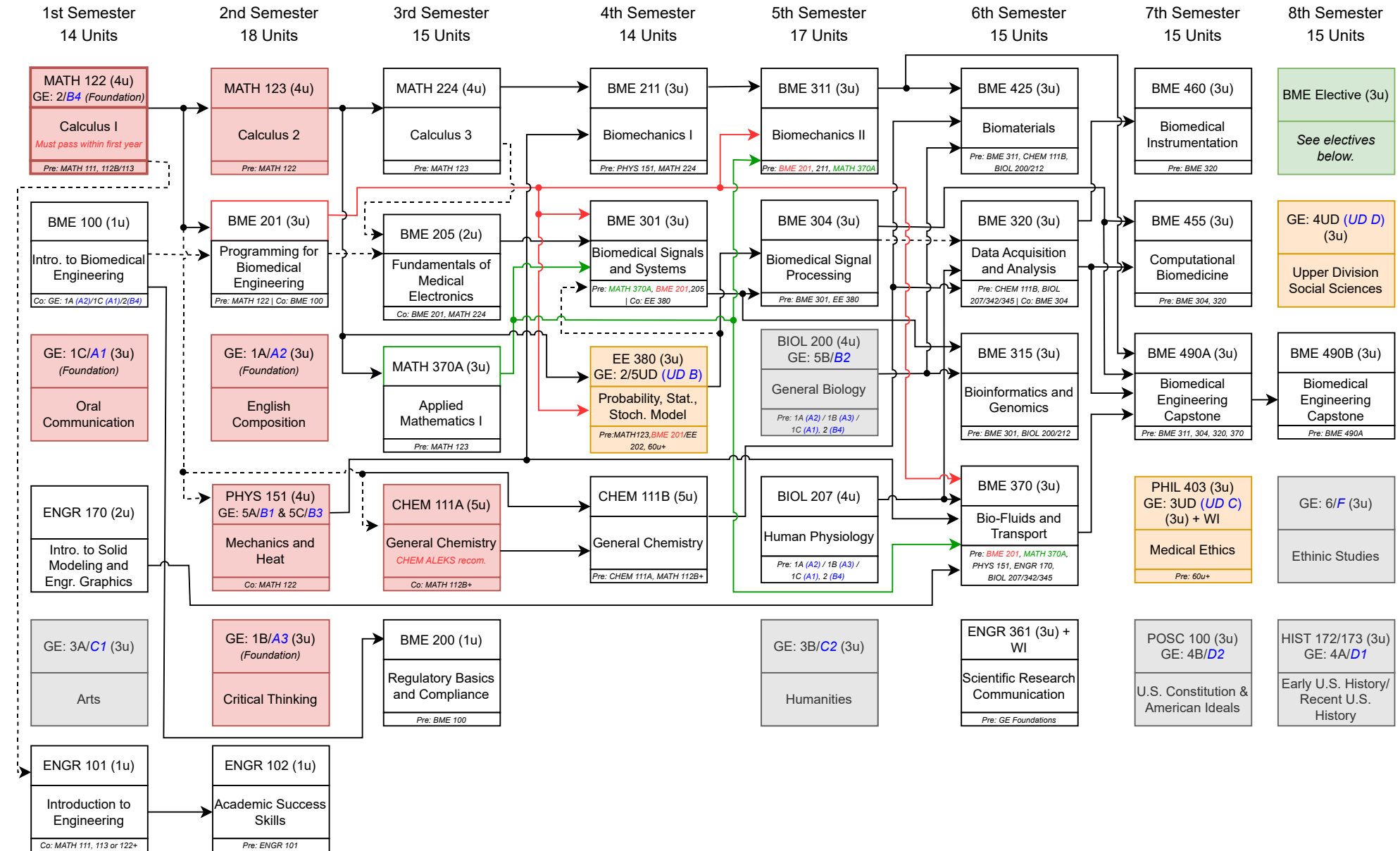




This flowchart is **UNOFFICIAL**. For official degree requirements, consult your catalog or Academic Requirements Report (ARR).

**Legend:**

- General Education
- Major Declaration Req. (MSDR)
- Major and UD GE Double-Count
- Elective
- Pre/Prerequisite
- Co/Corequisite

Contact Information

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Pre-Major Advisor:

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To Fully Declare in COE:
Complete **MATH 122, 123, PHYS 151, CHEM 111A, GE 1A, 1B, and 1C** with **≥ 2.5 GPA** before 60u.
To Continue in COE:
Once declared, maintain **≥ 2.0 GPA** and make satisfactory degree progress.

BIOMEDICAL ELECTIVES
Take one course from the following:

BME 406, BME 410, BME 440, BME 450, BME 497

Consult catalog.csulb.edu for prerequisites and more information.

2026-2027 (only) GE Pattern Worksheet: Biomedical Engineering

LOWER-DIVISION (100 and 200 level courses) – 34 units required

General Education Category	Course	Comp/IP	Double-Count
Area 1: English Communication – 9 units			
1A/ A2) English Composition – 3 units <u>Foundation</u>			
1B/ A3) Critical Thinking – 3 units <u>Foundation</u>			
1C/ A1) Oral Communication – 3 units <u>Foundation</u>			
Area 2: Mathematical Concepts and Quantitative Reasoning – 3 units			
2/ B4) Mathematics – 3 units Foundation	MATH 122		Major
Area 3: Arts and Humanities – 6 units			
3A/ C1) Arts – 3.0 units			
3B/ C2) Humanities – 3.0 units			
Area 4: Social and Behavioral Sciences – 6 units			
4A/ D1) U.S. History – 3 units	HIST 172/HIST 173		
4B/ D2) U.S. Constitution & American Ideals – 3 units	POSC 100		
Area 5: Physical and Biological Sciences – 7 units			
5A/ B1) Physical Science – 3 units	PHYS 151		Major
5B/ B2) Biological Science – 3 units	BIOL 200		Major
5C/ B3) Laboratory – 1 unit	PHYS 151		Major
Area 6: Ethnic Studies – 3 units			
6/ F) Ethnic Studies – 3 units			

UPPER-DIVISION (300 and 400 level courses) – 9 units required

General Education Category	Course	Comp/IP	Double-Count
2 UD: Math Concepts/Quantitative Reasoning or 5 UD: Science (UD B) – 3 units	EE 380		Major
3 UD/ UD C : Arts or Humanities – 3 units	PHIL 403		Major / WI
4 UD/ UD D : Social and Behavioral Sciences – 3 units*			
Graduation Writing Assessment Requirement (GWAR) – 3 units required			
Writing Intensive (WI) Course – 3 units	ENGR 361/PHIL 403		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. I understand that this form is for general planning purposes only, is considered unofficial, subject to change, and is based on the 2026-2027 CSULB Catalog.

Student Name

Student ID

Student Signature

Date