

This flowchart is **UNOFFICIAL** and subject to change without notice. Your requirements may differ from these depending on when you fully declare. 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.

1st Semester
13 Units

2nd Semester
15 Units

3rd Semester
15 Units

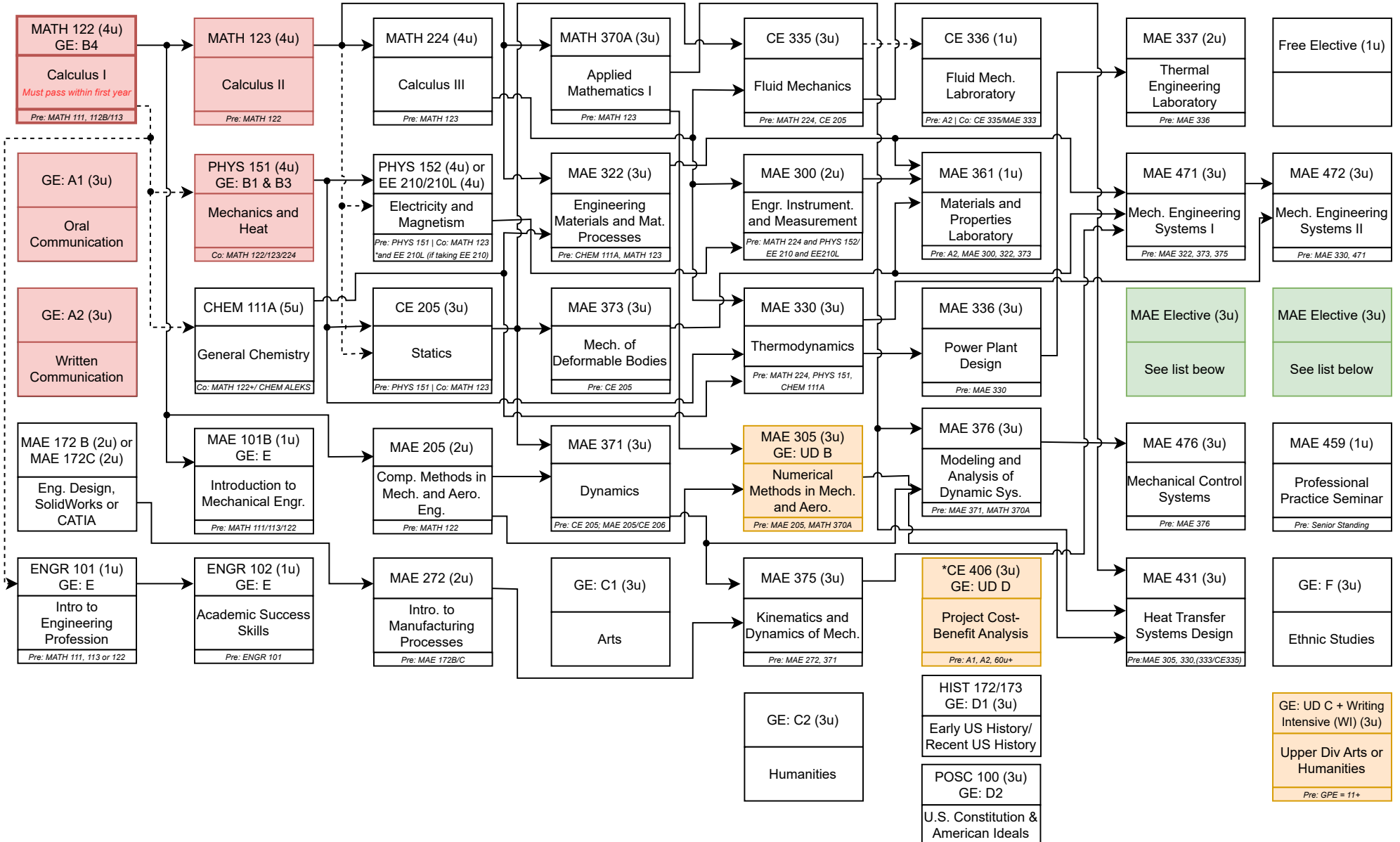
4th Semester
15 Units

5th Semester
17 Units

6th Semester
17 Units

7th Semester
14 Units

8th Semester
14 Units



Legend:

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

Contact Information

MAE Office: ECS 635/636 | Phone: (562) 985-1536

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

Faculty Advisor (A-G): Dr. Ehsan Barjasteh
Office: EN2-104
Email: BSME-Advisor1@csulb.edu

Faculty Advisor (H-O): Dr. Asieh Jalali-Farahani
Office: ECS 629
Email: BSME-Advisor2@csulb.edu

Faculty Advisor (P-Z): Dr. Parviz Yavari
Office: ECS 632
Email: BSME-Advisor3@csulb.edu

To Fully Declare:

Complete **MATH 122**, **MATH 123**, **PHYS 151**, **GE A1** & **A2** prior to earning 60u

GWAR Requirement:

Complete GPE (Between 46-60u) + WI course

Electives

Take 6 units from following:

MAE 408, 409A, 422, 435, 438, 490A, 490C, 490F, 490G, 491

Consult catalog.csulb.edu for prerequisites.

2024-2025 (only) GE Pattern Worksheet: Mechanical 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		Waived for Mechanical Engineering majors		
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		MAE 305		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 Mechanical 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		
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		MAE 101B		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>				

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