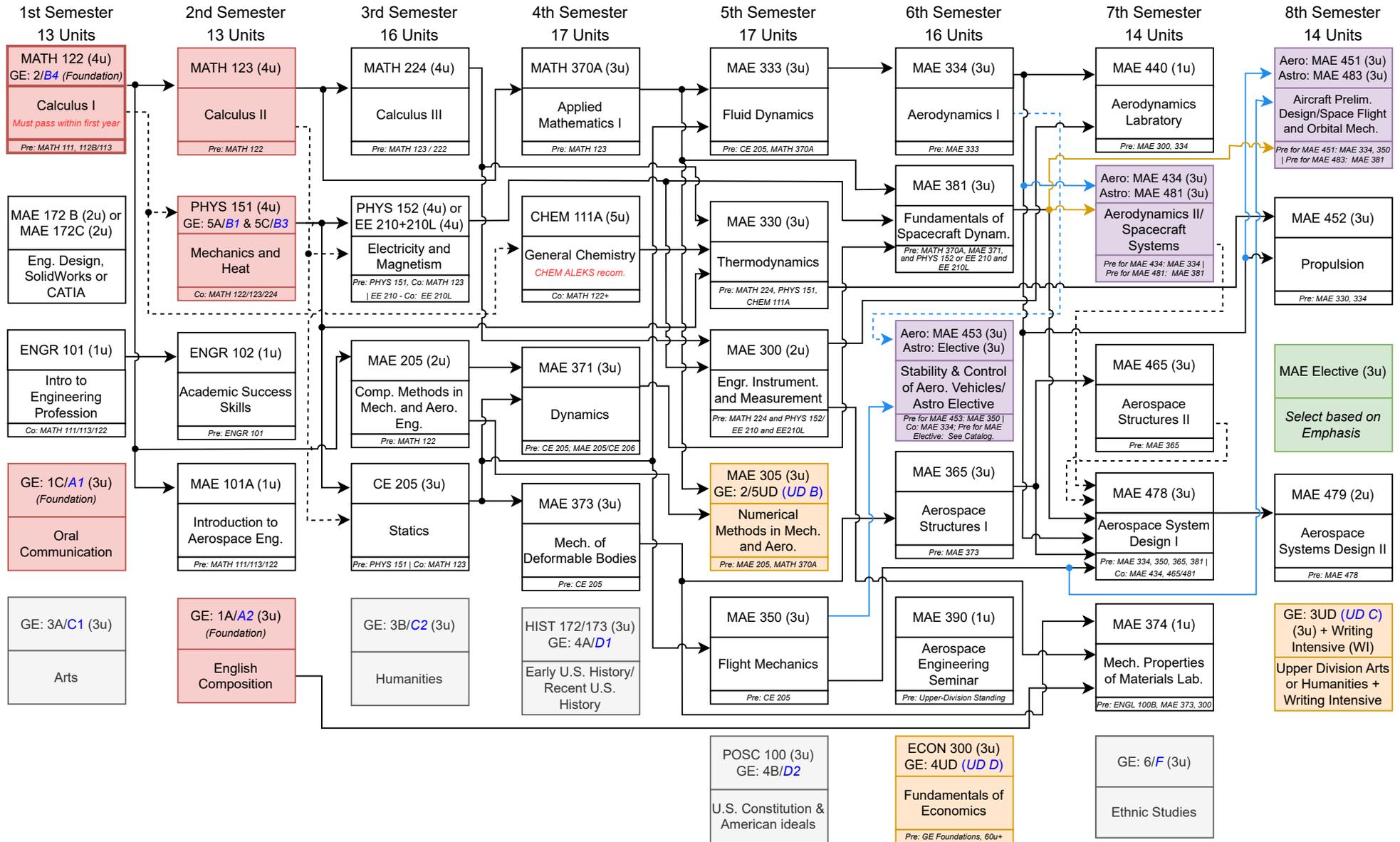




This sheet is **UNOFFICIAL** and subject to change without notice. Your requirements may differ from these. For your exact requirements, consult your Academic Requirements Report.

This sample flowchart shows the order courses are recommended to be completed for a Four Year Plan - 120 Units Required.



**Legend:**

- Aero/Astro Emphasis
- MSDR
- Major and UD GE Double-Count
- Elective based on Emphasis
- Pre/Prerequisite
- Co/Corequisite

**Contact Information**

**MAE Office:** ECS 635/636 | Phone: (562) 985-1563

**Pre-Major Advisor:** Katherine Muñoz  
Office: EN2-304A  
Email: [Katherine.Munoz2@csulb.edu](mailto:Katherine.Munoz2@csulb.edu)

**Faculty Advisor (A-L):** Dr. Praveen Shankar  
Office: ECS-652  
Email: [Praveen.Shankar@csulb.edu](mailto:Praveen.Shankar@csulb.edu)

**Faculty Advisor (M-Z):** Dr. Jingyi Zeng  
Office: ECS-630  
Email: [BSAE-Advisor-2@csulb.edu](mailto:BSAE-Advisor-2@csulb.edu)

**To Fully Declare in COE:** Complete **MATH 122, 123, PHYS 151, GE 1A & 1C** with **≥ 2.5 GPA before 60u.**

**To Continue in COE:** Once declared, maintain **≥ 2.0 GPA** and make satisfactory degree progress.

**AEROSPACE ELECTIVES**  
**Take 3-6 units from following, depending on emphasis:**

|  |  |
|--|--|
| <b>Aeronautics (3u)</b><br>MAE 422, 431, 435, 454, 476, 481, 483 | <b>Astronautics (6u)</b><br>MAE 422, 431, 434, 435, 451, 453, 454, 476 |
|--|--|

Consult [catalog.csulb.edu](http://catalog.csulb.edu) for prerequisites.

## 2025-2026 (only) GE Pattern Worksheet: Aerospace Engineering

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

| General Education Category  | Course   | Comp/IP | Double-Count |
|---|--|---------|--------------|
| <b>Area 1: English Communication – 9 units</b>                            |  |         |              |
| 1A/ <b>A2</b> ) English Composition – 3 units <u>Foundation</u>           |  |         |              |
| 1B/ <b>A3</b> ) Critical Thinking – 3 units <u>Foundation</u>             | <b>Waived for Engineering majors</b>           |         |              |
| 1C/ <b>A1</b> ) Oral Communication – 3 units <u>Foundation</u>            |  |         |              |
| <b>Area 2: Mathematical Concepts and Quantitative Reasoning – 3 units</b> |  |         |              |
| 2/ <b>B4</b> ) Mathematics – 3 units Foundation                           | MATH 122                                       |         | Major        |
| <b>Area 3: Arts and Humanities – 3 units</b>                              |  |         |              |
| 3A/ <b>C1</b> ) Arts – 3.0 units  |  |         |              |
| 3B/ <b>C2</b> ) Humanities – 3.0 units                                    |  |         |              |
| <b>Area 4: Social and Behavioral Sciences – 6 units</b>                   |  |         |              |
| 4A/ <b>D1</b> ) U.S. History – 3 units                                    | HIST 172/HIST 173                              |         |              |
| 4B/ <b>D2</b> ) U.S. Constitution & American Ideals – 3 units             | POSC 100                                       |         |              |
| <b>Area 5: Physical and Biological Sciences – 7 units</b>                 |  |         |              |
| 5A/ <b>B1</b> ) Physical Science – 3 units                                | PHYS 151                                       |         | Major        |
| 5B/ <b>B2</b> ) Biological Science – 3 units                              | <b>Waived for Aerospace Engineering majors</b> |         |              |
| 5C/ <b>B3</b> ) Laboratory – 1 unit                                       | PHYS 151                                       |         | Major        |
| <b>Area 6: Ethnic Studies – 3 units</b>                                   |  |         |              |
| 6/ <b>F</b> ) 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<br>5 UD: Science ( <b>UD B</b> ) – 3 units | MAE 305  |         | Major             |
| 3 UD/ <b>UD C</b> : Arts or Humanities – 3 units   |          |         |                   |
| 4 UD/ <b>UD D</b> : Social and Behavioral Sciences – 3 units*                            | ECON 300 |         | Major             |
| <b>Graduation Writing Assessment Requirement (GWAR) – 3 units required</b>               |          |         |                   |
| Writing Intensive (WI) Course – 3 units  |          |         | 3 UD/ <b>UD C</b> |

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 2025-2026 CSULB Catalog.

\_\_\_\_\_  
Student Name

\_\_\_\_\_  
Student ID

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date