



## Fall 2022 Suggested Courses for BMED

### 1) High-priority courses for Fall 2022:

**These courses are recommended for Fall 2022 for your major.**

These requirements may already be fulfilled with transfer credit.

You may not be eligible for these courses yet due to prerequisites. Check current requisites in the [2022-26 Catalog](#).

- BMED 101 (1): Introduction to the Biomedical Engineering Major
- BMED 212 (3): Introduction to Biomedical Engineering Design
- BMED 310 (4): Biomedical Engineering Measurement and Analysis
- CSC 231 (2): Programming for Engineering Students
- EE 201 (3): Electric Circuit Theory

### 2) Mid-priority courses for Fall 2022:

**These courses are not required for Fall 2022 but are recommended to take sooner than later.**

These requirements may already be fulfilled with transfer credit.

You may not be eligible for these courses yet due to prerequisites. Check current requisites in the [2022-26 Catalog](#).

- CE 204 (3): Mechanics of Materials I
- MATE 210 (3): Materials Engineering
- ME 211 (3): Engineering Statics  
or ME 212 (3): Engineering Dynamics  
or ME 302 (3): Thermodynamics I
- ENGL 147 (4): Writing Arguments about STEM (ENGL 147 replaced ENGL 149)

### 3) Low-priority courses for Fall 2022:

**These are additional course options for Fall 2022, if you need additional units.**

These requirements may already be fulfilled with transfer credit.

You may not be eligible for these courses yet due to prerequisites. Check current requisites in the [2022-26 Catalog](#).

- STAT 312 (4): Statistical Methods for Engineers
- BIO 161 (4): Introduction to Cell and Molecular Biology  
or BIO 231 (5): Human Anatomy and Physiology I  
or BIO 232 (5): Human Anatomy and Physiology II

### 4) General degree requirement notes:

- The [Graduation Writing Requirement \(GWR\)](#) must be fulfilled before graduation by either:
  1. Enrolling in a GWR-approved, upper-division English course, which can double-count with the Upper-Division C.

2. Or enrolling in UNIV 401: GWR Portfolio. Do not take this course in Fall 2022; take it after you complete the Upper-Division C GE.
- The [United States Cultural Pluralism \(USCP\)](#) requirement must be satisfied before graduation. USCP courses may double-count with a remaining GE requirement and are searchable on Schedule Builder.

**5) Additional notes:**

- Recommended that you enroll in 12 – 16 units in Fall 2022.
- For planning purposes, refer to the [Terms Typically Offered Website](#) for the term(s) courses are typically offered.
- You must select a concentration. We encourage you to declare your concentration during your first year.  
[Concentration options for your major: Form to declare your concentration.](#)
- Most transfer students admitted in Fall 2022 will follow the 20-21 catalog due to changes on the newest catalog that require additional coursework. You can change your [catalog year](#) through the [Registrar's Office](#), if you wish. We recommend [meeting with an advisor](#) before changing your catalog.
- You may need a [permission number](#) to enroll in a course. Permission numbers are unique codes departments or class instructors may choose to issue. The code allows you to enroll in a class that the system is preventing you from enrolling in.

**6) Engineering Student Services (ESS):**

Engineering Advising | Multicultural Engineering Program | International Exchange Program

Location: Building 40, Room 115

Phone: 805-756-1461

[ESS Email](#): eadvise@calpoly.edu

[ESS Website](#)

**7) BMED Department:**

Location: Building 13, Room 260

Phone: 805-756-6400

[Email](#): bmed@calpoly.edu

[Website](#): <https://bmed.calpoly.edu/>