Fall 2023 Suggested Courses for BMED

1) High-priority courses:
These courses are recommended for your major.
These requirements may already be fulfilled with transfer credit or 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
- BMED 410 (4): Biomechanics
- CSC 231 (2): Programming for Engineering Students
- EE 201 (3): Electric Circuit Theory
- ME 211 (3): Engineering Statics
  or ME 212 (3): Engineering Dynamics
- CE 204 (3): Mechanics of Materials I

2) Mid-priority courses:
These courses are recommended to take sooner than later.
These requirements may already be fulfilled with transfer credit or you may not be eligible for these courses yet due to prerequisites. Check current requisites in the 2022-26 Catalog.

- MATE 210 (3): Materials Engineering
- ME 302 (3): Thermodynamics I
- ME 341 (3): Fluid Mechanics I
- 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

3) Low-priority courses:
These are additional course options, if you need more units.
These requirements may already be fulfilled with transfer credit or 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
- ENGL 147 (4): Writing Arguments about STEM

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 your first quarter; 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 such as the Upper-Division C, and are searchable on Schedule Builder.

5) Additional notes:

- Recommended that you enroll in 12 – 16 units.

- 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.

- New transfer students may be placed on the 20-21 catalog or the 22-26 catalog based on eligibility and coursework completed. You can view your catalog after matriculation (usually mid/late July) by going to your My Portal, select the Academics tab, then PolyProfile, your catalog should be listed above your major information.
  - You can change your catalog year through the Registrar’s Office, if you wish. We recommend meeting with an advisor before changing your catalog.
  - For planning purposes, refer to the Terms Typically Offered Website for the term(s) courses are typically offered or the Cal Poly Catalog on the Courses A-Z tab.

- 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.

- If you need a permission number for a BMED course, here is the link to begin the Prerequisite Course Waiver Request. You will need to indicate the email of the instructor teaching the course under “Instructor of Record”.

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/