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/