FALL 2024 SUGGESTED COURSES

Chemistry (CHEM) and Biochemistry (BCHM)

Course Load
As you adjust to the quarter system and/or a new environment, we recommend enrolling in **12 units**, with no more than **3 labs**.
You can determine if your course has a lab in the course description. All course descriptions can be found in the [Cal Poly Catalog](#).

Course Suggestions

**MAJOR: CHEMISTRY**
- **CHEM 331**: Quantitative Analysis (5 units) – *strongly recommended*
- If you’re starting Organic Chemistry (credit granted in CHEM 126 but no credit in CHEM 216), take:
  - **CHEM 216**: Organic Chemistry I (5 units)
  - Pair with support courses and/or GE
- If you have already completed Organic Chemistry (credit granted in CHEM 218), take:
  - **CHEM 324**: Organic Chemistry Laboratory III (2 units) and
  - **CHEM 351**: Physical Chemistry I (3 units)
  (total 2-5 units)

**MAJOR: BIOCHEMISTRY**
- **CHEM 331**: Quantitative Analysis (5 units) – *strongly recommended*
- If you’re starting Organic Chemistry (credit granted in CHEM 126 but no credit in CHEM 216), take:
  - **CHEM 216**: Organic Chemistry I (5 units)
  - Pair with support courses and/or GE
- If you have already completed Organic Chemistry (credit granted in CHEM 218), take:
  - **CHEM 324**: Organic Chemistry Laboratory III (2 units) and
  - **CHEM 369***: Biochemical Principles (5 units) – *strongly recommended*
  (total 2-7 units)

*GE Upper Division B will be satisfied through completion of Chem 369.

**SUPPORT**
If needed, complete any of the remaining lower-division support courses, particularly physics and mathematics.
ELECTIVES
It’s a good idea to consult advisors about your approved elective choices, especially if you plan to pursue graduate studies. Pay special attention to the footnotes on your curriculum sheet. If an approved elective course is also a GE, it can be used to fulfill both approved elective and GE requirements.

GENERAL EDUCATION
If needed, complete any remaining lower-division GE courses. Otherwise, select an upper-division GE course from area C or D. Some GE courses may also be used to satisfy approved elective requirements.

Other Graduation Requirements

GWR
The Graduation Writing Requirement (GWR) will be fulfilled through completion of CHEM 356: Physical Chemistry Lab. For more info on the GWR, visit https://writingandlearning.calpoly.edu/GWR

USCP
Students must satisfy the United States Cultural Pluralism (USCP) requirement
- To see which classes can satisfy the USCP, select “US Cultural Pluralism” in the Section Filters, then review courses by Subject and Catalog Number in Course Selection.

Additional Information

PERMISSION NUMBERS
If you need a permission number for a class, please contact the Chemistry and Biochemistry department using the info below.

DEPARTMENT CONTACT INFO
- Building 180 (Baker Center), Room 206A
- chemistry.calpoly.edu
- chem@calpoly.edu
- 805-756-2693

BCSM STUDENT SERVICES CONTACT INFO
- Building 53 (Science North), Room 211
- csmadvising.calpoly.edu and prehealth.calpoly.edu
- bcsmadvising@calpoly.edu and prehealth@calpoly.edu
- 805-756-2615