FALL 2023 SUGGESTED COURSES

Chemistry (CHEM) and Biochemistry (BCHEM)

Course Load
As you adjust to the quarter system and/or a new environment, we recommend enrolling in 12-16 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
• If you’re starting Organic Chemistry (credit granted in CHEM 126 but no credit in CHEM 216), take:
  o CHEM 216: Organic Chemistry I (5 units)
  o Pair with support courses and/or GE
• If you have already completed Organic Chemistry (credit granted in CHEM 218), take:
  o CHEM 324: Organic Chemistry Laboratory III (2 units) and …
  o CHEM 331: Quantitative Analysis (5 units) and/or …
  o CHEM 351: Physical Chemistry I (3 units)
(total 5-10 units)

MAJOR: BIOCHEMISTRY
• If you’re starting Organic Chemistry (credit granted in CHEM 126 but no credit in CHEM 216), take:
  o CHEM 216: Organic Chemistry I (5 units)
  o CHEM 331: Quantitative Analysis (5 units)
  o Pair with support courses and/or GE
• If you have already completed Organic Chemistry (credit granted in CHEM 218), take:
  o CHEM 324: Organic Chemistry Laboratory III (2 units) and …
  o CHEM 331: Quantitative Analysis (5 units) and/or …
  o CHEM 369*: Biochemical Principles (5 units)
(total 7-12 units)

*GE Area B Upper Division 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 elective choices, especially if you plan to pursue graduate studies. Pay special attention to the footnotes on your curriculum sheet. If an elective course is also a GE, it can be used to fulfill both 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 elective requirements.

**Other Graduation Requirements**

**GWR**

The Graduation Writing Requirement (GWR) must be fulfilled by enrolling in a GWR-certified, upper-division course OR by completing a GWR Portfolio. For more info on the GWR, visit https://writingandlearning.calpoly.edu/GWR

- To find out which classes can satisfy the GWR, select "Expand Filters" in the upper right-hand corner of the Schedule Builder screen and search by GWR.

**USCP**

Students must satisfy the United States Cultural Pluralism (USCP) requirement

- To find out which classes can satisfy the USCP, select "Expand Filters" in the upper right-hand corner of the Schedule Builder screen and search by USCP.

**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

**CSM STUDENT SERVICES CONTACT INFO**

- Building 53 (Science North), Room 211
- csmadvising.calpoly.edu and prehealth.calpoly.edu
- csmadvising@calpoly.edu and prehealth@calpoly.edu
- 805-756-2615