

**FALL 2023 SUGGESTED COURSES**

# Chemistry (CHEM) and Biochemistry (BCHEM)

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## 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:
  - **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 331:** Quantitative Analysis (5 units) and/or ...
  - **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:
  - **CHEM 216:** Organic Chemistry I (5 units)
  - **CHEM 331:** Quantitative Analysis (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 331:** Quantitative Analysis (5 units) and/or ...
  - **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](http://chemistry.calpoly.edu)
- [chem@calpoly.edu](mailto:chem@calpoly.edu)
- 805-756-2693

### CSM STUDENT SERVICES CONTACT INFO

- [Building 53 \(Science North\), Room 211](#)
- [csmadvising.calpoly.edu](http://csmadvising.calpoly.edu) and [prehealth.calpoly.edu](http://prehealth.calpoly.edu)
- [csmadvising@calpoly.edu](mailto:csmadvising@calpoly.edu) and [prehealth@calpoly.edu](mailto:prehealth@calpoly.edu)
- 805-756-2615