

Chemistry Transfer Preparation Pathway

[LINK](#)



Taking the following courses will prepare you to major in chemistry at any UC campus.

Course expectations

- General chemistry (full sequence with lab)
- Organic chemistry (full sequence with lab)
- Calculus-based physics (full sequence with lab)
- Single variable calculus (full sequence)
- Multivariable calculus (one semester course)
- Differential equations (one course)
- Post-Transfer: Linear algebra (one course)

Note for Berkeley, Davis, Merced and Santa Barbara: Linear algebra is recommended pre-transfer, but transfer students will not be negatively affected in competitiveness for admission if completed post-transfer as needed.

[Full sequences](#) can take two to four terms to complete (depending on whether your institution is on semesters or quarters), so you'll want to start them early. To check which of your community college courses satisfy the Pathway course expectations at multiple UC campuses, refer to the [UC Transfer Pathways Guide](#) for a summary list. Use [ASSIST](#) to find the specific classes offered at your community college that will satisfy the expected coursework at a particular UC campus. In addition to the coursework above, you will need to fulfill [minimum requirements](#) expected of all transfer applicants to UC.

If you're working on an Associate Degree for Transfer (ADT) in chemistry at your community college, there's a lot of overlap with UC Transfer Pathway coursework. The difference between what UC expects and what an ADT requires is multivariable calculus and differential equations.

Applicable majors

The Chemistry Pathway applies to the degree programs listed below. More degree programs may be added in the future so you should check back periodically to see if your major has joined this list.

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| <ul style="list-style-type: none">• Chemical biology, B.S. at Berkeley• Chemistry, B.S. at Berkeley• Chemistry, B.S. at Davis• Chemistry, B.S. at Irvine• Chemistry, B.S. at Los Angeles• Chemistry, B.S. at Merced | <ul style="list-style-type: none">• Chemistry, B.S. at Riverside• Chemistry, B.S. at San Diego• Chemistry, B.S. at Santa Barbara• Chemistry, B.S. at Santa Cruz• Science Education, B.S. at Santa Cruz |
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Campus GPA requirements

Admission to different UC campuses and majors varies in competitiveness depending on how many students apply and how many slots are available. As a result, the minimum GPA and grade requirements for particular courses may vary from campus to campus. Make sure to look on the [campus admissions websites](#) to find minimum expected grade point averages for the major you are interested in.

