

UC Transfer Pathway (UCTP) Template for Chemistry**CCC Major or Area of Emphasis:** Chemistry**TOP Code:** 190500**UC Major(s):** Chemistry**Total Units:** 45 (*all units are semester units*)

Template # 0002

Original: 08/02/19

This template is for the UC Transfer Pathway in Chemistry; it is not subject to the limitations set forth by SB 1440/ SB 440. The template guarantees admission into the University of California system in a Chemistry program for students who meet the minimum 3.5 GPA in the major.

In the four columns to the right under the **College Program Requirements**, enter the college's course identifier, title and the number of units comparable to the course indicated for the UCTP. If the course may be double-counted with IGETC, enter the GE Area to which the course is articulated. To review the GE Areas and associated unit requirements, please go to Chancellor's Office Academic Affairs page. This template's general education requirements presume completion of two courses in Area 3 and two courses in Area 4 after transfer to the University of California to complete an entire IGETC pattern. This represents typical course taking patterns for the discipline.

The units indicated in the template are the **minimum** semester units required for the prescribed course or list. All courses must be UC transferable. ***All courses must be submitted to C-ID prior to completing the proposal for Chancellor's Office approval.***

| Associate in Science in Chemistry for UC Transfer | | | | | |
|--|--|-------------------------------------|---------------------|--------------|-------------------|
| College Name: | | | | | |
| UC TRANSFER PATHWAY (UCTP) | | COLLEGE PROGRAM REQUIREMENTS | | | |
| Course Title (units) | C-ID Descriptor | Course ID | Course Title | Units | IGETC Area |
| REQUIRED CORE: (45 units) | | | | | |
| General Chemistry for Science Majors Sequence A (10) | CHEM 120S | | | | |
| Organic Chemistry for Science Majors Sequence A (8) | CHEM 160S | | | | |
| Calculus-based Physics for Scientists and Engineers: ABC (12) OR Calculus-based Physics for Scientists and Engineers: A (4) AND Calculus-based Physics for Scientists and Engineers: B (4) AND Calculus-based Physics for Scientists and Engineers: C (4) | PHYS 200S OR PHYS 205 AND PHYS 210 AND PHYS 215 | | | | |
| Single Variable Calculus I – Early Transcendentals (4) OR Single Variable Calculus I – Late Transcendentals (4) | MATH 210 OR MATH 211 | | | | |
| Single Variable Calculus II – Early Transcendentals (4) OR Single Variable Calculus II – Late Transcendentals (4) | MATH 220 OR MATH 221 | | | | |
| Multivariable Calculus (4) | MATH 230 | | | | |
| Ordinary Differential Equations (3) OR Differential Equations and Linear Algebra (5) | MATH 240 OR MATH 910-S | | | | |

| | | | | | |
|---|-----------|--|--|--|--|
| IGETC General Education Requirements (20 units) | | | | | |
| Area 1A Freshman Composition (3 units) | | | | | |
| Area 1B Critical Thinking (3 units) | | | | | |
| Area 3 Arts and Humanities (3 units) | | | | | |
| Area 4 Social and Behavior Science (3 units) | | | | | |
| Area 5B Biological Science (4 units) | | | | | |
| Area 6 Language other than English (0-4 units) | | | | | |
| Total Units for the Major: | 45 | Total Units for the Major: | | | |
| | | General Education (IGETC) Units | | | |
| | | Elective (IGETC Transferable) Units | | | |
| | | Total Degree Units | | | |