

**ADT Submission Form for Chemistry CCC Major or**

**Area of Emphasis:** Chemistry

**TOP Code:** 190500

**UC Major(s):** Chemistry

**Total Units:** 47-49 (all units are semester units)

Form # 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 Cal-GETC pattern. This represents typical course taking patterns for the discipline. One course in Cal-GETC Area 3 and One course in Cal-GETC Area 4 are to be completed after transfer.

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	Cal-GETC
<b>Required Core (47-49 units minimum):</b>					
General Chemistry for Science Majors Sequence A (10)	CHEM 120S				
Organic Chemistry for Science Majors Sequence A, with Lab (10)	CHEM 160S				

UC TRANSFER PATHWAY (UCTP)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	Cal-GETC
Calculus-based Physics for Scientists and Engineers: ABC (12) <b>OR</b> Calculus-based Physics for Scientists and Engineers: A (4) <b>and</b> Calculus-based Physics for Scientists and Engineers: B (4) <b>and</b> Calculus-based Physics for Scientists and Engineers: C (4)	PHYS 200S  PHYS 205 PHYS 210 PHYS 215				
Single Variable Calculus Sequence (8) <b>and</b> Multivariable Calculus (4) <b>OR</b> Single Variable Calculus I – Early Transcendentals (4) <b>and</b> Single Variable Calculus II – Early Transcendentals (4) <b>and</b> Multivariable Calculus (4) <b>OR</b> Single Variable Calculus I – Late Transcendentals (4) <b>and</b> Single Variable Calculus II – Late Transcendentals (4) <b>and</b> Multivariable Calculus (4)	MATH 900S MATH 230  MATH 210 MATH 220 MATH 230  MATH 211 MATH 221 MATH 230				
Ordinary Differential Equations (3) <b>OR</b> Differential Equations and Linear Algebra (5)	MATH 240  MATH 910S				

UC TRANSFER PATHWAY (UCTP)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	Cal-GETC
<b>Cal-GETC General Education Requirements (19 units minimum):</b>					

Area 1A English Composition (3 units)					
Area 1B Critical Thinking and Composition (3 units)					
Area 3 Arts and Humanities (3 units)					

UC TRANSFER PATHWAY (UCTP)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	Cal-GETC
Area 4 Social and Behavior Science (3 units)					
Area 5B Biological Sciences (4 units)					
Area 6 Ethnic Studies (3 units)					
<b>Total Units for the Major:</b> <i>* All units are based on the semester and indicated minimum units. The major must be a minimum of 18 semester units.</i>	<b>47-49</b>	<b>Total Units for the Major:</b>			
		<b>UC Transfer Requirements</b>			<b>19</b>
		<b>Double Counting GE</b>			
		<b>Elective Units</b>			
		<b>Total Degree Units</b>			<b>66-68</b>