

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 Cal-GETC, 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: Moorpark College					
UC TRANSFER PATHWAY (UCTP)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	Cal-GETC
Required Core (47-49 units minimum):					
General Chemistry for Science Majors Sequence A (10)	CHEM 120S	CHEM M01A	General Chemistry I	5	5A, 5C
		OR CHEM M01AH	OR Honors: General Chemistry I	5	5A, 5C
		AND CHEM M01B	AND General Chemistry II	5	5A, 5C
Organic Chemistry for Science Majors Sequence A, with Lab (10)	CHEM 160S	CHEM M07A	Organic Chemistry I	5	5A, 5C
		AND CHEM M07B	Organic Chemistry II	5	5A, 5C

UC TRANSFER PATHWAY (UCTP)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descript or	Course ID	Course Title	Units	Cal-GETC
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 PHYS 205 PHYS 210 PHYS 215	PHYS M20A AND PHYS M20AL AND PHYS M20B AND PHYS M20BL AND PHYS M20C AND PHYS M20CL	Mechanics of Solids and Fluids Mechanics of Solids and Fluids Laboratory Thermodynamics, Electricity, and Magnetism AND Thermodynamics, Electricity, and Magnetism Laboratory Wave Motion, Optics, and Modern Physics AND Wave Motion, Optics, and Modern Physics Laboratory	4 1 4 1 4 1	5A 5C 5A 5C 5A 5C
Single Variable Calculus Sequence (8) and Multivariable Calculus (4) OR Single Variable Calculus I – Early Transcendentals (4) and Single Variable Calculus II – Early Transcendentals (4) and Multivariable Calculus (4) OR Single Variable Calculus I – Late Transcendentals (4) and Single Variable Calculus II – Late Transcendentals (4) and Multivariable Calculus (4)	MATH 900S MATH 230 MATH 210 MATH 220 MATH 230 MATH 211 MATH 221 MATH 230	MATH M25A OR MATH M25AH AND MATH M25B OR MATH M25BH AND MATH M25C	Calculus with Analytic Geometry I OR Honors: Calculus with Analytic Geometry I Calculus with Analytic Geometry II OR Honors: Calculus with Analytic Geometry II Calculus with Analytic Geometry II	5 5 5 5 5	2 2 2 2 2
Ordinary Differential Equations (3) OR Differential Equations and Linear Algebra (5)	MATH 240 MATH 910S	MATH M35	Differential Equations	3	2

UC TRANSFER PATHWAY (UCTP)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	Cal-GETC
Cal-GETC General Education Requirements (19 units minimum):					
Area 1A English Composition (3 units)			See Cal-GETC Pattern for a list of approved courses for the area	4	1A
Area 1B Critical Thinking and Composition (3 units)			See Cal-GETC Pattern for a list of approved courses for the area	3-4	1B
Area 3 Arts and Humanities (3 units)			See Cal-GETC Pattern for a list of approved courses for the area	3-5	3
Area 4 Social and Behavior Science (3 units)			See Cal-GETC Pattern for a list of approved courses for the area	3	4
Area 5B Biological Sciences (4 units)			See Cal-GETC Pattern for a list of approved courses for the area	3-5	5B
Area 6 Ethnic Studies (3 units)			See Cal-GETC Pattern for a list of approved courses for the area	3	6
Total Units for the Major: <i>* All units are based on the semester and indicated minimum units. The major must be a minimum of 18 semester units.</i>	47-49	Total Units for the Major:			53
		UC Transfer Requirements			19-24
		Double Counting GE			7
		Elective Units			0
		Total Degree Units			65-70