



Transfer Model Curriculum Template for Chemistry

Approval Dates: November 27, 2013; May 5, 2014; November, 2019; November 8, 2023;
January 21, 2026

CCC Associate Degree for Transfer Major or Area of Emphasis: Chemistry

CSU Majors deemed similar: Chemistry

Degree Type: AS-T

Total Minimum Semester Units for Major or Area of Emphasis: 36

Courses: Required Core (36 units minimum):

Title	C-ID Designation or other Justification	C-ID Units (or sample units)	Proposed Cal-GETC Area for double counting
General Chemistry for Science Majors Sequence A	CHEM 120S	10	5A/5C
Organic Chemistry for Science Majors Sequence A, with Lab	CHEM 160S	10	5A/5C
Calculus-Based Physics for Scientists and Engineers: A	PHYS 205	4	5A/5C
Calculus-Based Physics for Scientists and Engineers: B	PHYS 210	4	5A/5C
Single Variable Calculus I – Early Transcendentals and	MATH 210	4	2
Single Variable Calculus II - Early Transcendentals	MATH 220	4	2
OR Single Variable Calculus I – Late Transcendentals and	MATH 211	4	2
Single Variable Calculus II - Late Transcendentals	MATH 221	4	2
OR Single Variable Calculus Sequence	MATH 900S	8	2

TOTAL MAJOR UNITS	36
Cal-GETC Requirements	34
Double Counting GE	-7
Elective	-
Total Units	63-66*

** All units are based on the semester and indicated minimum units. The major must be a minimum of 18 semester units.*

Notes and History

***Please note that colleges are permitted to use up to six additional units, but no additional local requirements can be added to this degree. Students are only required to complete the full Cal-GETC pattern and the core courses listed in the TMC.**