

Transfer Model Curriculum (TMC) Template for Chemistry

Template # 2012

CCC Major or Area of Emphasis: Chemistry

Original: 02/01/2015

TOP Code: 190500

CSU Major(s): Chemistry

Total Units: 34 (all units are minimum semester units)

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 TMC. If the course may be double-counted with either CSU-GE or 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, RESOURCE section located at:

<http://extranet.cccco.edu/Divisions/AcademicAffairs/CurriculumandInstructionUnit/TransferModelCurriculum.aspx>

or the ASSIST website:

http://web1.assist.org/web-assist/help/help-csu_ge.html.

The units indicated in the template are the **minimum** semester units required for the prescribed course or list. All courses must be CSU transferable. **All courses with an identified C-ID Descriptor must be submitted to C-ID prior to submission of the Associate Degree for Transfer (ADT) proposal to the Chancellor's Office.**

Associate in Science in Chemistry for Transfer Degree									
TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS							
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	GE Area: CSU	GE Area: IGETC			
REQUIRED CORE: (34 units)									
General Chemistry for Science Majors Sequence (10)	CHEM 120S								
Organic Chemistry for Science Majors Sequence (8)	CHEM160S								
Calculus-Based Physics for Scientists and Engineers: A (4)	PHYS 205								
Calculus-Based Physics for Scientists and Engineers: B (4)	PHYS 210								
Single Variable Calculus Sequence (8) OR Single Variable Calculus I – Early Transcendentals (4) AND Single Variable Calculus II – Early Transcendentals (4)	MATH 900S OR MATH 210 AND MATH 220								
OR Single Variable Calculus I – Late Transcendentals (4) AND Single Variable Calculus II – Late Transcendentals (4)	OR MATH 211 AND MATH 221								
Total Units for the Major:	34	Total Units for the Major:							
Total Double-counted Units (The transfer GE Area limits must <u>not</u> be exceeded)									
*General Education (CSU-GE or IGETC for STEM) Units						33			
						31			

	Elective (CSU Transferable) Units	
	Total Degree Units (maximum)	60

NOTES:

1.* This TMC presumes completion of IGETC or CSU-GE Breadth for STEM, allowing for completion of 6 units of non-STEM GE work after transfer.