

Transfer Model Curriculum (TMC) Template for Environmental Science

CCC Major or Area of Emphasis: Environmental Science

TOP Code: 0301.00

CSU Major(s): Environmental Science

Total Units: 37-39 (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.**

Where no **C-ID Descriptor** is indicated, discipline faculty should compare their existing course to the example course(s) provided in the TMC at:

<http://www.c-id.net/degreereview.html>

Attach the appropriate ASSIST documentation as follows:

- *Articulation Agreement by Major (AAM)* demonstrating lower division preparation in the major at a CSU;
- *CSU Baccalaureate Level Course List by Department (BCT)* for the transfer courses; and/or,
- *CSU GE Certification Course List by Area (GECC)*.

The acronyms **AAM**, **BCT**, and **GECC** will appear in **C-ID Descriptor** column directly next to the course to indicate which report will need to be attached to the proposal to support the course's inclusion in the transfer degree. To access ASSIST, please go to <http://www.assist.org>.

Associate in Science in Environmental Science for Transfer Degree						
College Name: MOORPARK						
TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS				
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	GE Area CSU IGETC	
REQUIRED CORE: (13-14 units) Select 1 of 2 options						
Option 1						
Biology Sequence for Majors (8)	BIOL 135S	BIOL M02A OR BIOL M02AH	General Biology I OR Honors: General Biology I	5 5		5B, 5C
		AND BIOL M02B	General Biology II	5		5B, 5C
General Chemistry for Science Majors I, with Lab (5)	CHEM 110	CHEM M01A OR CHEM M01AH	General Chemistry I OR Honors: General Chemistry I	5 5		5A, 5C 5A, 5C
OR						
Option 2						
Cell and Molecular Biology (4)	BIOL 190	BIOL M02A OR BIOL M02AH	General Biology I OR Honors: General Biology	5 5		5B 5C 5B

						5C 5B 5C
General Chemistry for Science Majors Sequence A (10)	CHEM 120S	CHEM M01A OR CHEM M01AH AND CHEM M01B	General Chemistry I OR Honors: General Chemistry I AND General Chemistry II	5 5 5		5A 5C 5A 5C 5A, 5C
LIST A: (13-14 units)						
Intro to Environmental Science (3)	ENVS 100	ENSC M01	Environmental Science	3		5A
Physical Geology (3) AND Physical Geology Laboratory (1)	GEOL 100 AND GEOL 100L	GEOL M02 AND GEOL M02L OR GEOL M02H AND GEOL M02L OR	Physical Geology AND Physical Geology Lab OR Honors: Physical Geology and Physical Geology Lab OR	3 1 3 1		5A 5C 5A 5C
OR Physical Geology with Lab (4)	OR GEOL 101	OR GEOG M01 AND GEOG M01L	Physical Geography AND Physical Geography Lab	3 1		5A 5C
Introduction to Physical Geography (3) AND	GEOG 110 AND					
Physical Geography, Laboratory (1) OR	GEOG 111 OR					
Introduction to Physical Geography, with Lab (4)	GEOG 115					
Introduction to Statistics (3) AND Single Variable Calculus I – Early Transcendentals (4) OR Single Variable Calculus I – Late Transcendentals (4) OR Business Calculus (3)	MATH 110 AND MATH 210 OR MATH 211 OR MATH 140	MATH M15 OR MATH M15H AND MATH M25A OR MATH M25AH OR MATH M16A	Introductory Statistics OR Honors: Introductory Statistics AND Calculus with Analytic Geometry I OR Honors: Calculus with Analytic Geometry I OR Applied Calculus I	4 4 5 5 3		2A 2A 2A 2A 2A
LIST B: Select two or three (11 units)						
Principals of Microeconomics (3)	ECON 201	ECON M201	Principles of Microeconomics	3		4B
Calculus-Based Physics for Scientists and Engineers: A (4) AND Calculus-Based Physics for Scientists and Engineers: B (4) OR Algebra/Trigonometry-Based Physics: AB (8)	PHYS 205 AND PHYS 210 OR PHYS 100S	PHYS M20A AND PHYS M20AL AND PHYS M20B AND PHYS M20BL OR PHYS M10A AND	Mechanics of Solids and Fluids AND Mechanics of Solids and Fluids Lab AND Thermodynamics, Electricity and Magnetism AND Thermodynamics, Electricity and Magnetism Lab OR General Physics I AND	4 1 4 1 4		5A 5C 5A 5C 5A

		PHYS M10AL AND PHYS M10B AND PHYS M10BL	General Physics I Lab AND General Physics II AND General Physics II Lab	1 4 1		5C 5A 5C
Total Units for the Major:	37-39	Total Units for the Major:		42-44		
		Total Double-counted Units <i>(The transfer GE Area limits must <u>not</u> be exceeded)</i>				13
		*General Education (CSU-GE or IGETC for STEM) Units			33	31
		Elective (CSU Transferable) Units				0-(2)
		Total Degree Units (maximum)				60

NOTES: