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)*

Template #2016
09/01/2017

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**	**GE Area 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 AND BIOL M02B	General Biology I OR Honors: General Biology I AND General Biology II	5 5 5		5B, 5C 5B, 5C 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) **OR** Physical Geology with Lab (4) **OR** Introduction to Physical Geography (3) **AND** Physical Geography, Laboratory (1) **OR** Introduction to Physical Geography, with Lab (4)	GEOL 100 **AND** GEOL 100L **OR** GEOL 101 **OR** GEOG 110 **AND** GEOG 111 **OR** GEOG 115	GEOL M02 AND GEOL M02L OR GEOG M01 AND GEOG M01L	Physical Geology AND Physical Geology Lab OR Physical Geography AND Physical Geography Lab	3 1 3 1		5A 5C 5A 5C
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 Anlytic 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 PHYS M10AL	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 General Physics I Lab	4 1 4 1 4 1		5A 5C 5A 5C 5A 5C

		AND PHYS 10B AND PHYS M10BL	AND General Physics II AND General Physics II Lab	4 1		5A 5C
Total Units for the Major:	**37-39**		**Total Units for the Major:**	41-42		
			Total Double-counted Units (***The transfer GE Area limits must not be exceeded)***			13
			***General Education (CSU-GE or IGETC for STEM) Units**		**33**	**31**
			Elective (CSU Transferable) Units			0-1
			Total Degree Units (maximum)		**60**	

NOTES: