Form #2016
02/01/2025

ADT Submission Form 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 form. 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, RESOURCE section located at:

https://www.cccco.edu/About-Us/Chancellors-Office/Divisions/Educational-Services-and-Support/What-we-do/Curriculum-and-Instruction-Unit/Templates-For-Approved-Transfer-Model-Curriculum

or the ASSIST website:

https://www.assist.org/.

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 form 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,
- *Cal-GETC 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:**					
TRANSFER MODEL CURRICULUM (TMC)		**COLLEGE PROGRAM REQUIREMENTS**			
Course Title (units)	**C-ID Descriptor**	**Course ID**	**Course Title**	**Units**	**Cal-GETC**
REQUIRED CORE: (37-39 units) **Choose Option 1 or Option 2 and all listed below**					
Option 1					
General Chemistry for Science Majors I, with Lab (5) ***and*** Biology Sequence for Majors (8) **OR** Cell and Molecular Biology (4) ***and*** Organismal Biology (4) **OR** Cell and Molecular Biology (4) ***and*** Zoology/Animal Diversity and Evolution (4) **OR** Cell and Molecular Biology (4) ***and*** Botany/Plant Diversity and Ecology	CHEM 110 BIOL 135S BIOL 190 BIOL 140 BIOL 190 BIOL 150 BIOL 190 BIOL155				

TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	**C-ID Descriptor**	**Course ID**	**Course Title**	**Units**	**Cal-GETC**
Option 2					
Cell and Molecular Biology (4)	BIOL 190				
General Chemistry for Science Majors Sequence A (10)	CHEM 120S				
Introduction to Environmental Science (3)	ENVS 100				
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				
Introduction to Statistics (3)	MATH 110				
Single Variable Calculus I – Early Transcendentals (4) **OR** Single Variable Calculus I – Late Transcendentals (4) **OR** Business Calculus (3)	MATH 210 **OR** MATH 211 **OR** MATH 140				

TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	**C-ID Descriptor**	**Course ID**	**Course Title**	**Units**	**Cal-GETC**
Principals of Microeconomics (3)	ECON 201				
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				
Total Units for the Major:	**37-39**		**Total Units for the Major:**		
			Total Units that may be double-counted (***The transfer GE Area limits must not be exceeded)***		
			General Education (Cal-GETC) Units		**34**
			Elective (CSU Transferable) Units		
			Total Degree Units (maximum)		**60**

NOTES:

*Recommended Preparation: It is recommended that students pursue coursework in GIS / Geospatial technologies as well as increase their computer literacy and data analysis skills.

Strongly recommended that sequential coursework be completed at a single institution.

Advisory Note: It is strongly recommended that students and counselors at community colleges discuss the biology and chemistry course options that are part of major preparation at a target CSU campus and encourage students to follow the track that most closely aligns with their target CSU campus.