

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*)

Form #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 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/degreeereview.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	CHEM 110				
Biology Sequence for Majors (8)	BIOL 135S				
OR					
Cell and Molecular Biology (4) and	BIOL 190				
Organismal Biology (4)	BIOL 140				
OR					
Cell and Molecular Biology (4) and	BIOL 190				
Zoology/Animal Diversity and Evolution (4)	BIOL 150				
OR					
Cell and Molecular Biology (4) and	BIOL 190				
Botany/Plant Diversity and Ecology	BIOL 155				

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 <u>not</u> be exceeded)			
		General Education (Cal-GETC) Units			34
		Elective (CSU Transferable) Units			
		Total Degree Units (maximum)			60

NOTES:

*Permissible maximum units for the major may vary depending on the units necessary for completion of the general education requirement and the extent of double-counting permitted.

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.