

CCC Major or Area of Emphasis: Environmental Science

09/01/2017

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](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:					
TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	GE Area: CSU
<b>REQUIRED CORE: (13-14 units)</b> Select 1 of 2 options <b>Option 1</b>					GE Area: IGETC
Biology Sequence for Majors (8)	BIOL 135S				
General Chemistry for Science Majors I, with Lab (5)	CHEM 110				
<b>OR</b> <b>Option 2</b>					
Cell and Molecular Biology (4)	BIOL 190				
General Chemistry for Science Majors Sequence A (10)	CHEM 120S				
<b>LIST A: (13-14 units)</b>					
Intro to Environmental Science (3)	ENVS 100				

Physical Geology (3) <b>AND</b> Physical Geology Laboratory (1)	GEOL 100 <b>AND</b> GEOL 100L				
<b>OR</b> Physical Geology with Lab (4) <b>OR</b>	<b>OR</b> GEOL 101 <b>OR</b>				
Introduction to Physical Geography (3) <b>AND</b>	GEOG 110 <b>AND</b>				
Physical Geography, Laboratory (1) <b>OR</b>	GEOG 111 <b>OR</b>				
Introduction to Physical Geography, with Lab (4)	GEOG 115				
Introduction to Statistics (3) <b>AND</b> Single Variable Calculus I – Early Transcendentals (4) <b>OR</b>	MATH 110 <b>AND</b> MATH 210 <b>OR</b> MATH 211 <b>OR</b>				
Business Calculus (3)	MATH 140				
<b>LIST B: Select two or three (11 units)</b>					
Principals of Microeconomics (3)	ECON 201				
Calculus-Based Physics for Scientists and Engineers: A (4) <b>AND</b> Calculus-Based Physics for Scientists and Engineers: B (4) <b>OR</b> Algebra/Trigonometry-Based Physics: AB (8)	PHYS 205 <b>AND</b> PHYS 210 <b>OR</b> PHYS 100S				
<b>Total Units for the Major:</b>	<b>37-39</b>	<b>Total Units for the Major:</b>			
		<b>Total Double-counted Units</b> ( <i>The transfer GE Area limits must <u>not</u> be exceeded</i> )			
		*General Education (CSU-GE or IGETC for STEM) Units	<b>33</b>	<b>31</b>	
		<b>Elective (CSU Transferable) Units</b>			
		<b>Total Degree Units (maximum)</b>			<b>60</b>

**NOTES:**