

TOP Code: 0301.00  
 CIP Code: 03.0104  
 CCC Major or Area of Emphasis: Environmental Science  
 CSU Majors deemed similar: Environmental Science  
 Degree Type: AS-T  
 Total Minimum Semester Units for Major or Area of Emphasis: 37-39

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](#) or the [ASSIST website](#)

- 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 the [C-ID website](#)

- 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.

Associate in Science in for Environmental Science 2.0 Transfer Degree		College Name:			
TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	Cal-GETC
<b>REQUIRED CORE: choose Option 1 or Option 2 and all listed below (37-39 units)</b>					
<b>Option 1</b>					
General Chemistry for Science Majors I, with Lab (5) <b>and</b> Biology Sequence for Majors (8)	CHEM 110 BIOL 135S				
<b>OR</b>					
Cell and Molecular Biology (4) <b>and</b> Organismal Biology (4)	BIOL 190 BIOL 140				
<b>OR</b>					
Cell and Molecular Biology (4) <b>and</b> Zoology/Animal Diversity and Evolution (4)	BIOL 190 BIOL 150				
<b>OR</b>					
Cell and Molecular Biology (4) <b>and</b> Botany/Plant Diversity and Ecology(4)	BIOL 190 BIOL 155				

TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	Cal-GETC
<b>Option 2</b> Cell and Molecular Biology (4) <b>and</b> General Chemistry for Science Majors Sequence A (10)	BIOL 190  CHEM 120S				
Introduction to Environmental Science (3)	ENVS 100				
Physical Geology (3) <b>and</b> Physical Geology Lab (1) <b>OR</b> Physical Geology with Lab (4) <b>OR</b> Introduction to Physical Geography (3) <b>and</b> Physical Geography Laboratory (1) <b>OR</b> Introduction to Physical Geography, with Lab (4)	GEOL 100 GEOL 100L  GEOL 101  GEOG 110 GEOG 111  GEOG 115				
Introduction to Statistics (3)	MATH 110				

TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	Cal-GETC
Single Variable Calculus I – Early Transcendentals (4) <b>OR</b> Single Variable Calculus I – Late Transcendentals (4) <b>OR</b> Business Calculus (3)	MATH 210  MATH 211  MATH 140				
Principles of Microeconomics (3)	ECON 201				
Algebra/Trigonometry-Based Physics AB (8) <b>OR</b> Calculus-Based Physics for Scientists and Engineers: A (4) <b>and</b> Calculus-Based Physics for Scientists and Engineers: B (4)	PHYS 100S  PHYS 205  PHYS 210				

<b>Total Units for the Major:</b>	<b>37-39</b>	<b>Total Units for the Major:</b>	
		<b>Total Units that may be double-counted</b> <i>(The transfer GE Area limits must <u>not</u> be exceeded)</i>	
		<b>General Education (Cal-GETC) Units</b>	<b>34</b>
		<b>Elective (CSU Transferable) Units</b>	
		<b>Total Degree Units (maximum)</b>	<b>60-66</b>

**Notes and History**

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.

Note: It is possible for colleges to create an ADT at 60 units. Many colleges have calculus, statistics, and physics courses with more units than the approved C-ID minimums and courses with additional units in these areas will cause degrees to exceed the 60-unit threshold. To increase the number of colleges capable of offering this degree, this TMC has been approved to use up to 66 units.

**\*Please note that colleges are permitted to use up to six additional units, but no additional local requirements can be added to this degree. Students are only required to complete the full Cal-GETC pattern and the core courses listed in the TMC.**