Transfer Model Curriculum Template for Environmental Science 2.0

Approval Dates: March 29, 2017; January 21, 2026

CCC Associate Degree for Transfer 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

COURSES

Required Core: choose Option 1 or Option 2 and all listed below (37-39 units minimum):

Title	C-ID Designation or other Justification	C-ID Units (or sample units)	Proposed Cal-GETC Area for double counting
OPTION 1			
General Chemistry for Science Majors I, with Lab ***and***	CHEM 110	5	5A/5C
Biology Sequence for Majors	BIOL 135S	8	5B/5C
OR Cell and Molecular Biology ***and***	BIOL 190	4	5B/5C
Organismal Biology	BIOL 140	4	5B/5C
OR Cell and Molecular Biology ***and***	BIOL 190	4	5B/5C
Zoology/Animal Diversity and Evolution	BIOL 150	4	5B/5C
OR Cell and Molecular Biology ***and***	BIOL 190	4	5B/5C
Botany/Plant Diversity and Ecology	BIOL 155	4	5B/5C
OPTION 2			
Cell and Molecular Biology ***and***	BIOL 190	4	5B/5C
General Chemistry for Science Majors Sequence A	CHEM 120S	10	5A/5C
Introduction to Environmental Science	ENVS 100	3	5A
Physical Geology ***and***	GEOL 100	3	5A
Physical Geology Lab	GEOL 100L	1	5C
OR Physical Geology with Lab	GEOL 101	4	5A/5C
OR Introduction to Physical Geography ***and***	GEOL 110	3	5A
Physical Geography Laboratory	GEOL 111	1	5C
OR Introduction to Physical Geography, with Lab	GEOL 115	4	5A/5C
Introduction to Statistics	MATH 110	3	2
Single Variable Calculus I – Early Transcendentals	MATH 210	4	2
OR Single Variable Calculus I – Late Transcendentals	MATH 211	4	2
OR Business Calculus	MATH 140	3	2
Principles of Microeconomics	ECON 201	3	4

Algebra/Trigonometry-Based Physics AB	PHYS 100S	8	5A/5C
OR Calculus-Based Physics for Scientists and Engineers: A ***and***	PHYS 205	4	5A/5C
Calculus-Based Physics for Scientists and Engineers: B	PHYS 210	4	5A/5C

TOTAL MAJOR UNITS	**37-39***
Cal-GETC Requirements	34
Double Counting GE	-13
Elective	
Total Units	60

* All units are based on the semester and indicated minimum units. The major must be a minimum of 18 semester units.

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 approve 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.**