



Transfer Model Curriculum Template for Environmental Science

Approval Dates: March 29, 2017; November 22, 2024; January 30, 2025

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: 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	CHEM 110	5	5A/5C
and Biology Sequence for Majors	BIOL 135S	8	5B/5C
OR Cell and Molecular Biology	BIOL 190	4	5B/5C
and Organismal Biology	BIOL 140	4	5B/5C
OR Cell and Molecular Biology	BIOL 190	4	5B/5C
and Zoology/Animal Diversity and Evolution	BIOL 150	4	5B/5C
OR Cell and Molecular Biology	BIOL 190	4	5B/5C
and Botany/Plant Diversity and Ecology	BIOL 155	4	5B/5C
Option 2 Cell and Molecular Biology	BIOL 190	4	5B/5C
and General Chemistry for Science Majors Sequence A	CHEM 120S	10	5A/5C
Introduction to Environmental Science	ENVS 100	3	5A
Physical Geology	GEOG 100	3	5A
and Physical Geology Lab	GEOG 100L	1	5C
OR Physical Geology with Lab	GEOG 101	4	5A/5C
OR Introduction to Physical Geography	GEOG 110	3	5A
and Physical Geography Laboratory	GEOG 111	1	5C
OR Introduction to Physical Geography, with Lab	GEOG 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	PHYS 205	4	5A/5C
and 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.