Transfer Model Curriculum – Environmental Science

CCC Major or Area of Emphasis: __Environmental Science_____

CSU Major or Majors: __Environmental Science_____

Total units_38-39_____ *(all units are semester units)*

Degree Type (*indicate one)*: AA-T_____ OR AS-T__X___

*Use of a transferable general education pattern designed for STEM (i.e., IGETC or CSU GE Breadth for STEM) is presumed. 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.

"Core" Courses:

_37-39_units

Title (units)	C-ID Designation	Units	Rationale
Biology Sequence for Majors BIOL 190 + BIOL 140; BIOL 190 + BIOL 130S; BIOL 190 + BIOL 150 + BIOL 155	BIOL 135S	8	Note: Strongly recommended both be completed at single institution
General Chemistry for Science Majors I, with Lab	CHEM 110	5	

OR

Title (units)	C-ID Designation	Units	Rationale
Cell and Molecular Biology	BIOL 190	4	
General Chemistry for Science Majors Sequence A	CHEM 120S	10	Note: Strongly recommended both be completed at single institution

AND

Title (units)	C-ID Designation	Units	Rationale

ENVS – Intro to Environmental Science	ENVS 100	3	Main major course.
Physical Geology & Physical Geology Lab or Physical Geology with Lab or Introduction to Physical Geography & Physical Geography Laboratory or Introduction to Physical Geography, with Lab	GEOL 100 & 100 L or GEOL 101 or GEOG 110 & 111 or GEOG 115 (4)	4	
Introduction to Statistics and Single Variable Calculus I – Early Transcendentals Or Single Variable Calculus I – Late Transcendentals Or Business Calculus	MATH 110 and MATH 210 or MATH 211 or MATH 140	6-7	
Principles of Microeconomics	ECON 201	3	
Physics Algebra/Trigonometry – Based Physics AB Or Calculus-Based Physics for Scientists and Engineers: A And Calculus-Based Physics for Scientists and Engineers: B	PHYS 100S or PHYS 205 and PHYS 210	8	Note: Strongly recommended both be completed at single institution
		37-39	

Recommended Preparation: It is recommended that students pursue coursework in GIS / Geospatial technologies as well as increase their computer literacy and data analysis skills.