

DIVISION OF MATHEMATICS, SCIENCES, AND ENGINEERING

# ENVIRONMENTAL SCIENCE FOR TRANSFER

ASSOCIATE IN SCIENCE DEGREE

The **Associate in Science in Environmental Science for Transfer (AS-T)** degree is intended to meet the lower-division requirements for Environmental Science majors (or similar majors) at a CSU campus that offers an Environmental Science baccalaureate degree.

This degree provides for the completion of lower division major preparation associated with the requirements for a bachelor's degree in environmental science, environmental management protection, applied ecology, environmental data analysis, and other fields. It provides a broad, comprehensive overview of the main areas of environmental science. The ability to think critically and use appropriate tools to solve environmental biological questions will be emphasized.

In addition to the courses listed below, the following additional requirements must be met to complete the AS-T in Environmental Science:

1. Completion of a minimum of 60 CSU transferable semester units.
2. Achievement of a minimum GPA of at least 2.0 in all CSU transferable coursework (some majors may require a higher GPA. Students should consult with a counselor for more information).
3. Completion of the major with a grade of "C" or better in each course or a "P" if the course was taken on a Pass/No Pass basis and the "P" is equal to a "C" or better.
4. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) for STEM pattern or the California State University general Education-Breadth (CSU GE) for STEM pattern. (The use of the IGETC for STEM pattern allows for the completion of the degree within 60 units.)

Students are advised to check with the Counseling Department or Transfer Center for the courses accepted for the Environmental Science major at the CSU to which they seek to transfer.

Required Courses	Units	N	IP	C
BIOL 200 *Principles of Biology 1 (Molecular and Cellular Biology)	5			
BIOL 201 *Principles of Biology 2 (Diversity and Ecology)	5			
CHEM 130 *General Chemistry I	5			
<b>List A: Select courses from list below for a minimum total of 15 units</b>				
BIOL 120 Environmental Biology	3			
CHEM 140 *General Chemistry II	5			
GEOL 150 Physical Geology and GEOL 151L *Physical Geology Laboratory or GEOG 101 Introduction to Physical Geography and GEOG 101L *Introduction to Physical Geography Laboratory	4			
MATH 130 *Statistics or MATH 130H *Statistics Honors or PSY 190 *Statistics for the Behavioral Sciences	4			
MATH 190 *Calculus I or MATH 190H *Calculus I Honors or	4			

MATH 170 *Elements of Calculus				
<b>List B: Select one Economics course and one Physics sequence from courses listed below:</b>				
ECON 102 Principles of Microeconomics or ECON 102H *Principles of Microeconomics Honors	3			
PHY 150 *General Physics I and PHY 160 *General Physics II or PHY 211 *Physics for Scientists & Engineers - I and PHY 213 *Physics for Scientists & Engineers - III	4			
<b>Required Subtotal</b>	<b>41</b>			
<b>CSU GE or IGETC Pattern</b>	<b>varies</b>			
<b>Transferable Electives - as needed to reach 60 transferable units</b>	<b>varies</b>			
<b>Total units needed for Associate in Arts</b>	<b>60</b>			
Units Completed				
*Prerequisite/corequisite				