ENVIRONMENTAL SCIENCE, ASSOCIATE IN SCIENCE FOR TRANSFER

The Associate in Science in Environmental Science for Transfer degree (AS-T) prepares students to transfer into the CSU system to complete a bachelor's degree in Environmental Science, Environmental Science and Resource Management, Environmental Studies, or a major deemed similar by a CSU campus. Students earning an associate degree for transfer and meeting the CSU minimum transfer admission requirements are guaranteed admission with junior standing to the CSU system but not to a particular campus or major. Each CSU campus determines which of the degrees it offers are "similar" and can be completed with the preparation included in the AS-T in Environmental Science within 60 units once a student transfers, so which majors are "similar" varies from CSU to CSU. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to CSU's Associate Degree for Transfer Major and Campus Search (https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx) and seek guidance from an Oxnard College counselor. The AS-T in Environmental Science may not be the best option for students intending to transfer to a particular CSU campus or to a college or university that is not part of the CSU system.

For transfer to the UC system, students may want to consider the AS in Coastal Environmental Studies instead.

To earn an AS-T in Environmental Science degree, students must:

1. Complete a minimum of 60 CSU-transferable semester units including both of the following:
   a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth (CSU GE-Breadth) requirements.
   b. A minimum of 42 semester units in the Environmental Science major as listed in the Oxnard College catalog.
2. Obtain a minimum grade point average (GPA) of 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.

3. Obtain a grade of "C" or better or "P" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 § 55063), it is highly recommended that students complete their major courses with a letter grade.

4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residency at the college granting the degree.

Course ID	Title	Units/ Hours
Required Core Courses		**15**
Select one of the two options below:		
Option 1		
BIOL R120 & R120L	Principles of Biology I and Principles of Biology I Lab: Intro to Cellular and Molecular Biology	
BIOL R122 & R122L	Principles of Biology II and Principles of Biology II Laboratory	
CHEM R120	General Chemistry I	
Option 2		
BIOL R120 & R120L	Principles of Biology I and Principles of Biology I Lab: Intro to Cellular and Molecular Biology	
CHEM R120	General Chemistry I	
CHEM R122	General Chemistry II	
List A		**7-9**
Select Geology and the appropriate statistics and calculus course for the intended transfer institution:		11-13
GEOL R101 & R101L	Physical Geology and Physical Geology Laboratory	
MATH R105	Introductory Statistics	
or MATH R105H	Honors: Introductory Statistics	
or PSY R103	Beginning Statistics for Behavioral Science	
MATH R120	Calculus with Analytic Geometry I	
or MATH R106	Business Calculus	
List B		**13**
Select two or three courses including the appropriate physics series for the intended transfer institution:		
ECON R201	Introduction to the Principles of Microeconomics	
or ECON R201H	Honors: Introduction to the Principles of Microeconomics	
PHYS R101 & R101L & PHYS R102 & PHYS R102L	College Physics 1 and College Physics 1 Laboratory & College Physics 2 and College Physics 2 Laboratory	
Or		
PHYS R131 & PHYS R132	Physics for Scientists and Engineers 1 and Physics for Scientists and Engineers 2	
Total Required Major Units		**39-41**
IGETC for STEM		31
Double-Counted Units		- 13
Free Electives Required		1-3
Total Units Required for AS-T Degree		**60**

Note: Students are strongly encouraged to take ESRM R100 Introduction to Environmental Science as one of their free electives. This course provides an introduction to the major and field of study and though not required for the AS-T, it is required in some Environmental Science and Environmental Studies majors at some UCs and CSUs, including, but not limited to UCSB, CSUCI, SDSU, and Cal Poly Humboldt. Students who transfer without ESRM R100 to a university that requires it will have to complete the course after transfer. This may delay students from taking some upper division courses for which ESRM R100 is a prerequisite.

Upon successful completion of this program, students will be able to:

- Use the scientific method and an understanding of ecological principles to critically analyze information on the ways human activities affect the environment.
- Analyze the inherent environmental, social, and economic outcomes of living sustainably on current and future generations.

- Demonstrate proper use of a variety of field and/or laboratory techniques used in fields of environmental studies.
- Understand and communicate complex relationships between natural and human systems.
- Demonstrate knowledge of the roles of societal and political organizations in environmental policy-making, regulation, compliance, and enforcement.