

Associate in Science for Transfer Degree: Environmental Science

The Student Transfer Achievement Reform Act (Senate Bill 1440, now codified in California Education Code sections 66746-66749) guarantees admission to a California State University (CSU) campus for any community college student who completes an “associate degree for transfer”, a newly established variation of the associate degrees traditionally offered at a California community college. The Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing these degrees (AA-T or AS-T) are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn one of these degrees, students must complete:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) for STEM Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer also require that students must earn a C or better in all courses required for the major or area of emphasis.

This degree may not be the best option for students intending to transfer to a particular CSU campus or to university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements. At the time of catalog publication, a student may earn an AS-T in Environmental Science. Additional majors are being developed. Please see a counselor or visit <http://www.canyons.edu> for more information.

It is highly recommended that counselors at community colleges discuss other possible courses that are part of major preparation at a target CSU campus and encourage students to take some of these additional courses prior to transfer.

Degree Student Learning Outcome:

Students will be able to apply physical, biological and social science principles and research to address current environmental issues.

Program Requirements:

Units Required: 42

		Units:
BIOSCI-106	Organismal & Environmental Biology	4.0
OR		
BIOSCI-106H	Organismal & Environmental Biology - Honors	4.0
BIOSCI-107	Molecular and Cellular Biology	4.0
OR		
BIOSCI-107H	Molecular and Cellular Biology Honors	4.0

CHEM-201	General Chemistry I	6.0
OR		
CHEM-201H	General Chemistry I – Honors	6.0
ECON-202	Microeconomics	3.0
OR		
ECON-202H	Microeconomics - Honors	3.0
ENVRMT-103	Introduction to Environmental Science	4.0
MATH-140	Introductory Statistics	4.0
OR		
MATH-140H	Introductory Statistics – Honors	4.0
MATH-211	Calculus I	5.0
OR		
MATH-240	Math Analysis-Business/Social Science	5.0

Plus four units from the following:

GEOG-101	Physical Geography	3.0
OR		
GEOG-101H	Physical Geography – Honors	3.0
GEOG-101L	Physical Geography Lab	1.0
OR		
GEOL-101	Physical Geology	3.0
GEOL-101L	Physical Geography Lab	1.0

Plus eight units from the following:

PHYSIC-110	General Physics I	4.0
PHYSIC-111	General Physics II	4.0
OR		
PHYSIC-220	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	4.0
PHYSIC-221	Physics for Scientists and Engineers: Electricity and Magnetism	4.0