

PROGRAM OF STUDY

Environmental Science Associate in Science for Transfer (AS-T)

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.

Student Learning Outcome:

Apply physical, biological and social science principles and research to address current environmental issues.

Program Requirements:

		Units
BIOSCI 106	Organismal & Environmental Biology	4 - 0
	or	
BIOSCI 106H	Organismal & Environmental Biology - Honors	4 - 0
BIOSCI 107	Molecular & 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 two options:

		Units
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 Geology Lab	1 - 0
Plus eight units from the following two options:		Units
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 & Magnetism	4 - 0
Total Units		42

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