

ENVIRONMENTAL SCIENCE ASSOCIATE IN SCIENCE DEGREE FOR TRANSFER (AS- T)

Division: Science/Engineering/Mathematics

PROGRAM CODE: 1S39887

Financial Aid Eligible

The **Environmental Science Associate in Science Degree for Transfer** is designed to provide an opportunity for the Environmental Science major to achieve an Associate in Science Degree in Environmental Science for Transfer (AS-T in Environmental Science) which completes the first and second year requirements for transfer to a four-year public California institution. Students with a degree in Environmental Science may pursue careers in education, consulting, research or work in fields such as environmental geology, environmental engineering, zoology, hydrology, conservation science, or environmental law. While at least a baccalaureate degree is recommended preparation for those considering professional careers, completion of this curriculum will demonstrate commitment to the field and provide comprehensive preparation for further academic study through upper-division course work. This curriculum specifically prepares the prospective transfer student for upper division coursework in Environmental Science or a similar major at a California State University (CSU) campus. Students should consult a counselor, the Transfer Center and the catalog of the transfer college or university to plan a specific program of study to meet the college or university's requirements. Note: Courses that fulfill major requirements for an Associate Degree for Transfer at Cypress College might not be the same as those required for completing the major at all transfer institutions offering a Baccalaureate Degree. 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 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 (AS-T) are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that does accept the AS-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is designated "high-unit" major). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a 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. To earn an AS-T in Environmental Science students must complete the following requirements: (1) a minimum of 41 semester units or 60 quarter units in the Environmental Science major with a grade of C or better; AP(Pass) grade is an acceptable grade for a course in the major only if the P is defined to be equivalent to a C or better (2) the Intersegmental General Education Transfer Curriculum (CSU IGETC) for STEM; (3) any electives need to reach 60 semester or 90 quarter units of CSU transferable coursework; and (4) have an overall GPA of 2.0. This degree requires a total of 41 units.

Code	Title	Units
Required Core Courses (15 units):		
BIOL 135AC	Prin 1 - Cell & Molecular Bio.	5
CHEM 111AC	General Chemistry I	5
CHEM 111BC	General Chemistry II	5
LIST A (15 units):		15
GEOL 190 C or BIOL 103 C	Environmental Geology Environmental Science	3
GEOL 100 C & GEOL 101 C	Physical Geology and Physical Geology Laboratory	4
MATH 120 C or SOC 161 C or SOC 161HC or PSY 161 C or PSY 161HC	Intro Probability Statistics Probability & Stats-Social Sci Honors Prob & Stats-Soc Sci Probability & Stats-Social Sci Honors Prob Stats-Soc Sci	4
MATH 150AC or MATH 130 C	Calculus I Survey of Calculus	4
LIST B (11 units):		11
PHYS 221 C	General Physics I	4
PHYS 222 C	General Physics II	4
ECON 105 C or ECON 105HC	Principles of Economics-Micro Honors Princ of Econ - Micro	3
Total Units		41

Program Student Learning Outcomes:

OUTCOME 1: Understand current concepts in the environmental sciences at the level appropriate for transfer into upper division environmental science major programs at four-year universities.

OUTCOME 2: Demonstrate critical thinking skills as they relate to the environmental sciences as well as apply concepts from allied fields to the environmental sciences.

OUTCOME 3: Apply the scientific method to answer basic research questions and understand the role of environmental sciences in modern society.

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