

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

Division: Science/Engineering/Mathematics

PROGRAM CODE: 1S31935

Financial Aid Eligible

The **Geology Associate in Science Degree for Transfer** is designed to provide an opportunity for the Geology major to achieve an Associate in Science Degree in Geology for Transfer (AS-T in Geology) which completes the first and second year requirements for transfer to a four-year public California institution. Students with a degree in geology may pursue careers in education, consulting, research or work in industry as an entry geologist or geotechnician in fields such as engineering geology, environmental geology, petroleum and mining geology, hydrogeology, seismology, paleontology, geophysics, marine geology and volcanology. 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 Geology 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 Geology students must complete the following requirements: (1) a minimum of 26 semester units or 39 quarter units in the major or area of emphasis as determined by the community college district, (2) earn a grade of C or better in all courses required for the major or area of emphasis, 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 (3) the California State University General Education Breadth requirements (CSU GE-Breadth) or the Intersegmental General Education Transfer Curriculum (IGETC) pattern, (4) 60 semester or 90 quarter CSU-transferable units, and (5) obtainment of a minimum grade point average (GPA) of 2.0.

Code	Title	Units
Core Courses		
GEOL 100 C or GEOL 100HC	Physical Geology Honors Physical Geology	3
GEOL 101 C	Physical Geology Laboratory	1
GEOL 103 C	Historical Geology	4
CHEM 111AC	General Chemistry I	5
CHEM 111BC	General Chemistry II	5
MATH 150AC	Calculus I	4
MATH 150BC	Calculus II	4
Additional Recommended Course Work (not required)		
PHYS 221 C	General Physics I	4
PHYS 222 C	General Physics II	4
BIOL 101 C or BIOL 101HC	General Biology Honors General Biology	4
Total Units		26

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