

The Associate Degree for transfer in Geology is designed to provide a clear pathway to a CSU major and baccalaureate degree. California Community College students who are awarded an AA-T or AS-T degree are guaranteed admission with junior standing somewhere in the CSU system and given priority admission consideration to their local CSU campus or to a program that is deemed similar to their community college major. This priority does not guarantee admission to specific majors or campuses. Students who have been awarded an AA-T or AS-T are able to complete their remaining requirements for the 120-unit baccalaureate degree within 60 semester or 90 quarter units. To view the most current list of Riverside City College Associate Degrees for Transfer and to find out which CSU campuses accept each degree, please go to: www.calstate.edu/transfer/adt-search/search.shtml. Students are encouraged to meet with a Riverside City College counselor to review their options for transfer and to develop an educational plan that best meets their goals and needs.

**2023-2024
GEOLOGY
CSU AS 941
IGETC AS 942**

Associate in Science in Geology for Transfer Degree

The Associate in Science in Geology Degree for Transfer provides Riverside City College (RCC) students pursuing degrees in Geology with a well-defined academic pathway for transfer to a California State University (CSU) and eventual completion of the Geology baccalaureate degree. This program will also provide a broad technical foundation surrounding fundamental geologic concepts central to supporting the personal, academic, and/or vocational needs of students. The Associate in Science in Geology Degree for Transfer will thus: 1) provide students with a well-defined pathway to the Geology major at CSU; 2) grant guaranteed admission to a CSU in a similar major, with junior standing; and, 3) allow students to complete their remaining transfer course requirements within 60 semester or 90 quarter units. Students transferring to a non-CSU campus should consult the catalog and determine the specific requirements of the campus to which they are applying.

Program Learning Outcomes

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

- Demonstrate an understanding of the physical structure and natural processes which have shaped the universe, solar system, and Earth.
- Identify and classify geological materials and demonstrate an understanding of their chemical composition and structure.
- Apply the scientific method to solve geological problems.
- Summarize the geologic time scale and explain its scientific basis, recount significant events in Earth history, and understand the basics of common absolute- and relative-age dating methods.
- Express the role of geology in everyday life, appreciate the extent of human impact on Earth systems and environments, and explain the geological processes potentially giving rise to natural hazards.

Required Courses (26 Units)

	<u>Units</u>
GEO 1 AND	Physical Geology 3
GEO 1L	Physical Geology Laboratory 1
GEO 1B	Historical Geology 4
CHE-1A*/1AH	General Chemistry I/Honors 5
AND	
CHE-1B*/1BH*	General Chemistry II/Honors 5
MAT-1A*	Calculus I 4
MAT 1B	Calculus II 4

Total Major Units: 26

*Courses may also be used to fulfill general education requirements for the CSU GE or IGETC pattern, please confer with a counselor.

Associate in Science for Transfer Degree

The Associate in Science in Geology for Transfer degree will be awarded upon completion of coursework totaling 60 California State University (CSU) transferable units including the major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. All courses in the major must be completed with a grade of "C" or better.