

Geography AA-T AA-T - Active

Department: Earth Sciences

Approval: February 2016

Effective Semester: Fall 2017

Geographers study the relationships among places, natural systems, society and cultural activities and the interdependence of these from the spatial perspective.

Geographers today are active in the examination and planning of our communities and the development of our human landscapes along with the study of global warming, deforestation, pollution, and a variety of other environmental quandaries.

This Associate in Arts in Geography for Transfer (AA-T) is specifically designed to prepare students for transfer to a CSU geography program at the upper division level. It may also be appropriate for transfer to other four-year institutions. To accomplish this goal, majors will complete transferable lower-division courses in geography and related fields. Geography majors will be able to take most or all of their lower division courses at CCSF before they transfer, but should see a counselor to confirm their program of study. Additional courses might be required to transfer to particular institutions.

Through the core classes of the AA-T in Geography, students will gain the knowledge necessary to investigate problems and ideas presented in upper division geography courses. The laboratory work will train students to use current laboratory technologies, equipment and techniques to engage in the research process using scientific methods and to investigate research questions safely.

Learning Outcomes

Upon completion of this program, students will be able to:

- Interpret spatially distributed data and draw valid conclusions by using maps, graphs and/or Geographic Information Systems (GIS)
- Evaluate core concepts in cultural and physical geography and apply them to contemporary events and issues.
- Compare and contrast the general biophysical and sociocultural differences and similarities among world regions.
- Communicate geographic information effectively in oral, written, and graphic form.

Degree Requirements: Students who wish to earn the Associate in Arts in Geography for Transfer must complete 60 CSU transferable units with at least a 2.0 grade point average. This must include the units required for full completion of the IGETC or CSU GE curriculum and the units for the major as specified below. Each course in the major must be completed with a grade of "C" or better. Courses used to meet the major requirement may also be used to meet IGETC or CSU GE requirements.

See major requirements at the intended transfer institution to choose the appropriate courses when options are given and to ensure complete coverage.

Assuming students start this AA-T with transfer-level math and English eligibility, the minimum time for completion is 4 semesters. Completion time will vary based on student preparation and number of units

completed per semester.

Courses Required for the AA-T in Geography AA-T

| Course | Units |
|--|--------------|
| Required courses: | |
| GEOG 1 - Physical Geography | 3.00 |
| GEOG 1L - Physical Geography Laboratory | 1.00 |
| GEOG 4 - Cultural Geography | 3.00 |
| GEOG 3 - World Regional Geography | 3.00 |
| GEOG 110 - Introduction to GIS | 3.00 |
| Total: | 13.00 |
| Choose 2 of the following courses: | |
| GEOG 7 - Economic Geography | 3.00 |
| GEOG 111 - GIS Analysis and Modeling | 3.00 |
| GEOG 112 - GIS Software Technology | 3.00 |
| GEOL 10 - Physical Geology | 3.00 |
| ANTH 3 - Introduction to Social and Cultural Anthropology | 3.00 |
| Total: | 6.00 |
| Recommended additional coursework | |
| OCAN 1 - Oceanography | 3.00 |
| OCAN 1L - Oceanography Lab | 2.00 |
| GEOG 31/BIO 31/SUST 31 - Introduction to Environmental Science | 3.00 |
| GEOG 41A - Climate Change | 1.00 |
| GEOL 91 - Geoscience Work Experience | 0.50 - 3.00 |
| Total: | 0.00 |
| Total: | 19.00 |

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