

Geography Department

DEGREES

Geography (AA-T)

COURSES:

[GEOG \(Geography\)](#)

CONTACT INFORMATION:

School of Mathematics and Sciences

Building: 2700 Room 2719B

Phone Number: (707) 864-7110

Fax Number: (707) 646-2054

Dean: Joseph Ryan

Administrative Assistants:

Mathematics: Kayla Kaywood

Sciences: Kelsi Mundell

Faculty Contact: Danielle Widemann



P.A.C.E. - EDUCATION, BEHAVIORAL SCIENCE, AND THE SOCIAL WORLD - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

ARE YOU THE KIND OF PERSON WHO...

- ...desires to question and explore physical, biological, or cultural happenings?
- ...enjoys using your skills with words to serve people?
- ...likes to observe, learn, analyze, evaluate, or solve problems?
- ...is interested in how social systems and society works?

P.A.C.E. - SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

ARE YOU THE KIND OF PERSON WHO...

- ...desires to observe, learn, analyze, evaluate, or solve problems?
- ...enjoys to question and explore physical or biological happenings?
- ...likes to work hands-on with objects, machines, tools, plants, or animals?
- ...is interested in math and/or thinking analytically to solve complex problems?

Guided Pathways:

GEOGRAPHY AA-T

Associate in Arts for Transfer | GE Pattern: IGETC | Program Total Units: 61 - 64

This program map represents **one possible pathway**. See a counselor to create a customized education plan. Map is for the 2021-2022 catalog year.

Career Paths

Geography Teacher • Geographer or Geoscientist • Geospatial Information Scientist and Technologist • Geographic Information Systems Technician • Remote Sensing Scientist and Technologist • Cartographer and Photogrammetrist • City and Regional Planning

What your potential plan could look like...

1 First Semester

Total Recommended Units: 12 - 13

- ENGL 001 4 units
College Composition (IGETC 1A)
- LR 010 1 unit
Introduction to Library Research
- MATH 011 or 012 3 - 4 units
(IGETC 2B)
- GEOG 001 3 units
Physical Geography (IGETC 5A)
- GEOG 001L 1 unit
Physical Geography Lab (IGETC 5C)

2 Second Semester

Total Recommended Units: 16

- ENGL 002 or 004 4 units
(IGETC 1B)
- GEOG 010 3 units
Intro to Geographic Information Systems
- HIST 017, 018, 028, 029, or 037 3 units
(IGETC 3B/American Institutions)
- COMM 001, 002, or 006 3 units
(IGETC 1C)
- UC Transferable Elective 3 units

3 Third Semester

Total Recommended Units: 12-14

- ANTH 002 3 units
Cultural Anthropology (IGETC 4)
- GEOG 004 3 units
World Geography (IGETC 4)
- GEOL 001 3 units
Physical Geography
- ASL 001, FREN 001, or 3 - 5 units
SPAN 001, or UC Transferable Elective*

*Depends on whether or not student took two years of the same foreign language in high school and passed with a minimum grade of c.

4 Fourth Semester

Total Recommended Units: 15

- GEOG 002 3 units
Cultural Geography (IGETC 4)
- IGETC 5B Suggested: ANTH 001, 3 units
BIO 012, 016, 018, 020, OR 025
- PLSC 001 or 005 3 units
(IGETC 4/American Institutions)
- UC Transferable Elective 3 units
- UC Transferable Elective 3 units

Courses Below May Be Taken Any Time
(Fall, Spring or Summer)

Total Recommended Units: 6

- ART 012, CINA 011, MUSC 013, or THEA 013 3 units
(IGETC 3A/Cross-Cultural)
- (IGETC 3A or 3B) 3 unit

■ Square, darker color:
Required Courses/
Courses in Discipline

● Rounded, lighter color:
GE Courses/Categories

Geography

Associate in Arts in Geography for Transfer (ADT: A.A.-T)

Program Description

Solano Community College offers an Associate in Arts in Geography for Transfer to introduce students to principles, theory, and applied methods of spatial analysis in studying both the natural and human environment. The degree provides students with a foundation in the knowledge and skills of the Geography profession and prepares them for upper division university course work. The program in Geography is designed to develop the student's awareness of human environment relationships and changes in the physical and cultural landscape induced by human activities.

The Associate in Arts in Geography for Transfer is especially designed for students who plan to complete a bachelor's degree in Geography or similar major at a CSU campus. Students completing an Associate in Arts in Geography for Transfer are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that accepts the Associate in Arts in Geography for Transfer will be required to complete no more than 60 units after transfer to earn a bachelor's degree.

The Associate in Arts in Geography for Transfer provides insights about the earth as the human habitat. It is a way of looking at the earth, not an inventory of its contents. This viewpoint rests on fundamental interlocking concepts. The cultural appraisal of the earth, the regional concept, areal coherence, human ecology, spatial interaction, study of landscape, and the concept of change are all ways the geographer tries to better understand the environment.

To earn the Associate in Arts in Geography for Transfer, students must:

1. Complete 60 semester units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth 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. Obtain a minimum grade point average of 2.0.

Program Outcomes

Students who complete the Associate in Arts in Geography for Transfer will be able to:

1. Use maps and other appropriate geographic tools to interpret and analyze spatial data.
2. Explain the impact of humans on the natural environment.
3. Identify major worldwide spatial political, cultural, economic, and environmental patterns.

REQUIRED COURSES	Units
GEOG 001 Physical Geography	3
GEOG 001L Physical Geography Laboratory	1
GEOG 002 Cultural Geography	3
GEOG 004 World Geography	3
GEOG 010 Introduction to Geographic Information Systems	3
ANTH 002 Cultural Anthropology	3
GEOL 001 Physical Geology	3
Required Major Total Units	19