

Geography

Geography is a spatial science that explains and describes the Earth in terms of location. All Geographers ask questions about the earth focusing on the location of a place and how that location contributes to the attributes of that place. Place names serve as the framework for this exploration. The primary tools used by geographers are maps, which show the locations, patterns and distribution of the earth features being examined. All geographers compare and contrast this locational information in order to explain the similarities and differences of the physical and cultural environments of the earth and its inhabitants. As a result, geographers are also called spatial analysts. The discipline of Geography is considered a Social and Global Science

There are two broad categories of Geography: Physical and Cultural. Physical geographers look at the earth's physical characteristics. Included are such topics that relate to the earth's natural environment such as earth-sun relationships, weather and climate, flora and fauna, rocks and minerals, earthquakes, volcanoes, mountain building, gradational forces and land form distribution. Cultural Geographers examine the present-day earth in terms of its people, their organizations, languages, religions, economic systems, population and settlement patterns.

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Geography courses are transferable to CSU, UC, and may be used to fulfill requirements for an Associate of Arts for Transfer with a major in Geography and/or Liberal Arts AA and /or various certificates. See VVC Certificates offered.

Career Opportunities

Geographic Information Systems is a rapidly growing field which can apply to many employment settings. Geographers are especially equipped to perform the spatial analysis required by Geographic Information Systems.

Most of the following career paths require at least a specific certificate or a bachelor's degree.

Aerial Photographer, Interpreter, Bio geographer, Cartographer, City Planner, Climatologist, County Planner, Demographer, Educator, Environmental Analyst, Economist, GIS Specialist, Government Analyst, Hydrologist, Industrial Location Specialist, International Trade Relations, Marketing Analyst, Meteorologist, Paleo climatologist, Natural Resource Planner, Soil Scientist, Transportation Specialist, Travel Specialist

Faculty

Carol A. DeLong - Emeritus

Degrees and Certificates Awarded

Associate in Arts, Liberal Arts

Associate in Arts for Transfer, Geography

Associate Degree

To earn an Associate in Arts degree for Transfer with a major in Geography (33025), complete the required major courses and all other requirements specified on the pages (i.e. 60 CSU transferable units, CSU GE or IGETC, etc.). For more information on the AA-T/AS-T degrees, meet with a counselor or www.adegreewithaguarantee.com

Program Learning Outcomes

- Identify and describe basic concepts and patterns related to earth's physical and cultural environment. KNOWLEDGE
- Demonstrate geographic literacy and written competency in the description and analysis of geographic themes. CRITICAL THINKING
- Demonstrate competency in utilizing the basic tools and techniques of data collection, display and analysis. APPLICATION

Transfer

For the most up-to-date information on these programs and others, visit www.assist.org. Please stop by the Transfer Center in Building 55 or make an appointment with a counselor if you have questions.

- **California State University, San Bernardino:**
 Geography – Geography Option B.A.
 Geography – Global Studies Option B.A.
- **University of California, Riverside:**
 Geography major Global Studies B.A.
- **University of California, Los Angeles:**
 Global Studies B.A.
- **University of California, Santa Barbara:**
 Geography – Geographic Information Science Emphasis B.A.
 Geography B.A. Physical Geography B.S.
 Physical Geography B.S.

Geography, AA-T (33025)		
Students who complete an Associate in Arts in Geography for Transfer Degree will be prepared to transfer into the CSU system and continue toward a BA in Geography. This Bachelor's degree prepares students for many career paths that deal with both the physical and /or cultural attributes of our globe. Courses in Geography offer students a unique perspective on global issues and problems dealing with the earth's physical environment and its inhabitants. Included are concepts that allow students to learn the geographer's special skill of analyzing spatial relationships using tools such as maps, GIS (Geography Information Systems), GPS (GeoPosition Satellites) remote sensing, spatial data and quantitative statistics. An Associate in Arts in Geography for Transfer Degree from Victor Valley College offers a wide overview and foundation for future study in not only geography but other social and physical sciences. Geographers make significant contributions in many professions and work in all areas of the public and private sector. Anyone with a degree in Geography, can continue their academic career with confidence knowing that they are prepared to proceed in any field that deals with our globe and its people.		
Program Requirements: 20 units		
Required Courses (7 units total)		
GEOG 101	Introduction to Physical Geography	3.0
GEOG 101L	Geography Laboratory	1.0
GEOG 102	Introduction to Cultural Geography	3.0
Additional Courses		
List A –Select TWO of the following courses (6 units total)		
GEOG 103	Geography of California	3.0
GEOG 104	World Regional Geography	3.0
List B – Select TWO (7 units)		
ANTH 102	Introduction to Cultural Anthropology	3.0
GEOG 130	Introduction to Weather and Climate	4.0
A student wishing to pursue an AA-T/AS-T degree in the major listed on this page must ensure the CSU of their choice is accepting that similar major. Students completing an AA-T/AS-T degree are guaranteed admissions into a CSU campus given that a student fulfills the following: 1) 60 CSU transferable units; 2) Completes the CSU General Education (GE) or IGETC General Education pattern; 3) Completes the major requirements for the AA-T/AS-T; 4) Maintains a transferable cumulative GPA of at least 2.0 (C or better); 5) Completes the basic/Golden 4 GE requirements. For more information on the AA-T/AS-T degrees, meet with a counselor or visit www.adegreewithaguarantee.com		

GEOG 101 INTRODUCTION TO PHYSICAL GEOGRAPHY

Units: 3.0 **CSU, UC** | 48-54 hours lecture

(No prerequisite.)

An introduction to the fundamental concepts of geography with emphasis on the physical world, its components and interrelationships. Topics include earth/sun relationships, atmospheric elements and weather, climate and seasons, earthquakes and volcanoes, rocks and minerals, oceans and coastlines, glaciers, and landform distribution. Also included are introductory methods of map reading and interpretation. Current environmental issues relating to these topics are emphasized.

GEOG 101L GEOGRAPHY 1 LABORATORY

Units: 1.0 **CSU, UC** | 48-54 hours laboratory

(No Prerequisite: Co-requisite: GEOG 101)

An interactive exploration of earth's weather and climate, vegetation and soils, rocks and minerals, earthquakes and volcanoes. Tectonic forces are studied as relating to landform destruction and creation. Gradational forces are studied as relating to the processes of water, wind and ice.

GEOG 102 INTRODUCTION TO CULTURAL GEOGRAPHY

Units: 3.0 **CSU, UC** | 48-54 hours lecture

(No prerequisite)

An examination of human activities on the surface of the earth as exhibited by various cultures. Global variations in land-use systems, settlement patterns, economic activities, political and religious institutions, languages, and the numbers and movement of human populations are explored.

GEOG 103 GEOGRAPHY OF CALIFORNIA

Units: 3.0 **CSU, UC** | 48-54 hours lecture

(No prerequisite)

Study of California's physical and cultural characteristics. Physical topics covered include earthquakes, fires, landslides, floods and volcanoes. Cultural topics include diversity, immigration, urbanization, agriculture and economics.

GEOG 104 WORLD REGIONAL GEOGRAPHY

Units: 3.0 **CSU, UC** | 48-54 hours lecture

(No prerequisite)

An examination of the world's countries within their global regions with emphasis on their physical and cultural attributes. Variations within and among these global regions are explored.

GEOG 106 MAP INTERPRETATION AND ANALYSIS

Units: 3.0 **CSU** | 48-54 hours lecture

(No prerequisite)

Introduction to maps, images and geographic techniques. Technologies include map and aerial photograph interpretation, tabular data, spatial statistics, cartography, Global Positioning Systems (GPS), Internet mapping, remote sensing and Geographic Information Systems (GIS) that aid in data collection, analysis and presentation.

GEOG 110 INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (GIS)

Units: 3.0 **CSU, UC** | 48-54 hours lecture

(No prerequisite)

GIS basics and applications are explored, including terminology, mapping and problem solving. Current GIS software applications and GPS navigational systems are utilized.

GEOG 128 SPECIAL TOPICS

See Special Topics listing. Units: Variable units **CSU**

GEOG 130 INTRODUCTION TO WEATHER AND CLIMATE

Units: 4.0 **CSU** | 48-54 hours lecture and 48-54 hours laboratory

(No prerequisite)

An examination of Earth's weather and climate systems including seasonal changes in solar radiation, temperature, barometric pressure, wind, atmospheric moisture, condensation, precipitation, air masses, fronts and mid-latitude cyclones. Tornadoes and hurricanes, weather forecasting, climate and climate change also included.