GEOGRAPHY ASSOCIATE OF SCIENCE DEGREE

The Associate of Science Degree in Geography provides a transfer path to four-year baccalaureate degrees, and it serves the diverse needs of students who wish to obtain a broad and an in-depth understanding of the field. Additionally, this degree allows students to examine the environmental and spatial science of geography, including physical and cultural landscapes across the Earth. Courses in Geography prepare students interested in careers in environmental studies, environmental and social justice, education, engineering, urban planning, politics, law, and architecture.

The environmental and spatial science of geography examines physical and human landscapes across the Earth. As a spatial science, physical and human location and patterns on Earth's surface are central to the study of geography. It includes the study of all forces of nature and the consequences of those forces, with an emphasis on human-environment interactions.

Geography integrates multiple physical and social sciences and includes: the nature and interactions of the atmosphere and the land, plants and animals, the Earth's waters, weather, climate, the Earth's dynamic surface, landforms and soil, and the way people have inhabited and altered the Earth by creating various forms of agriculture, language, religion, and cities.

Students planning to transfer to a four-year institution as a geography major should consult with a counselor regarding the transfer process and lower division requirements.

To graduate with a specialization in Geography, students must complete the following required courses plus the general breadth requirements for the Associate Degree (total = 60 units).

Code	Title	Units
Required Courses:		
GEOG 102	Cultural Geography	3
GEOG 110	Physical Geography	3
GEOG 111	Physical Geography Laboratory	1
or GEOG 111H	Physical Geography Laboratory - Honors	
Twelve units from the following:		**12**
GEOG 100	Map Interpretation and Geospatial Analysis	3
or GIS 100	Map Interpretation and Geospatial Analysis	
GEOG 106	Geographic Perspectives on the Environment	3
GEOG 114	Weather and Climate	4
GEOG 118	California Geography	3
GEOG 120	World Regional Geography	3
GIS 130	Introduction to Geographic Information Systems (GIS)	3
or GEOG 130	Introduction to Geographic Information Systems (GIS)	
GIS 133	GIS Cartography and Base Map Development	3
ECON 208	Business and Economic Statistics	4
or MATH 108	Introduction to Probability and Statistics	
or MATH 108H	Introduction to Probability and Statistics - Honors	
Total Units		**19**

Code	Title	Units
Recommended Courses:		
ECON 100	Introduction to Economics	3
POLIT 100	American Politics	3
or POLIT 100H	American Politics - Honors	
POLIT 141	Introduction to World Politics	3
SOC 100	Introduction to Sociology	3
or SOC 100H	Introduction to Sociology - Honors	

To earn an SBVC Associate Degree students must complete one of the following general education patterns:

SBVC GE requirements (https://www.valleycollege.edu/student-services/counseling/graduation-requirements/)

CSU GE requirements (https://www.valleycollege.edu/student-services/counseling/csuge/)

IGETC requirements (https://www.valleycollege.edu/student-services/counseling/igetc/)

Program Learning Outcomes

At the completion of this program, students will be able to:

a. Demonstrate expertise in modern cartographic principles, including map interpretation and web applications.
b. Integrate fundamentals of sociology, biology, chemistry, physics, geology, and other social and natural sciences within a spatial network of human-environment interactions.
c. As knowledgeable consumers of information, apply geographic tools, frameworks, and methods to address
human and environmental issues at a variety of geographic scales.
d. As citizen scientists, evaluate issues of economic, environmental, racial, and social justice in a variety of geographic settings and scales.