



Geography AA-T Degree - California State University GE Breadth

Geography is the science of place and space. Geographers study the relationships among geographic places, natural systems, society, cultural activities, and the interdependence of all these over space.

Total Units: 58-63

First Year

Semester 1

13-14 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
GEOG 300 ^Z Physical Geography: Exploring Earth's Environmental Systems	3	Advisory: co-req GEOG 301	F, S	CSU Area B1
GEOG 301 ^Z Physical Geography Laboratory	1	Pre or co- req: GEOG 300	F, S	CSU Area B3
3 units from List A ¹	3	See List A	See List A	
CSU Area 2-Written Communication ^Z	3	Recommend meeting with a counselor	F, S, Su	CSU Area A2
CSU Area B4-Math & Quantitative Reasoning ² ^Z	3-4	Recommend meeting with a counselor	F, S, Su	CSU Area B4

^Z At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the [ZTC page of the college website](#).

¹ Suggestion-GEOG 331 to meet the requirement for the Certificate in Field Data Mapping & GIS.

² Suggestion-PSYC 330, STAT 300 or ECON 310 from List B.

Semester 2

15-16 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
GEOG 310 ^Z Human Geography: Exploring Earth's Cultural Landscapes	3		F(O), S(O)	CSU Area D
3 units from List B ¹	3	See List B	See List B	
CSU Area A3-Critical Thinking ^Z	3		F, S, Su	CSU Area A3
CSU area B2-Life Science ^Z	3-4		F, S, Su	CSU Area B2
CSU Area A1-Oral Communication ^Z	3		F, S, Su	CSU Area A1

Career

Options/Outlook:

Geographers study the nature and use of areas of the Earth's surface, relating and interpreting interactions of physical and cultural phenomena. Conduct research on physical aspects of a region, including landforms, climates, soils, plants, and animals, and research the spatial implications of human activities within a given area, including social characteristics, economic activities, and political organization, as well as researching interdependence between regions at scales ranging from local to global. **Career opportunities require more than an associate degree.**

A sample of reported job titles:

Earth Observations Chief Scientist (NASA), Environmental Affairs Corporate Director, Geographic Information Systems Analyst (GIS Analyst), Geographic Information Systems Program Director (GIS Program Director), GIS Geographer (Geographic Information Systems Geographer), GIS Physical Scientist (Geographic Information Systems Physical Scientist), Research Coordinator, Scientist, Supervisory Geographer

Projected job openings nationally (2021-2031):

100

Projected growth nationally (2021-2031)

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¹ Suggestion-ANTH 310 to meet the requirement for the Certificate in Field Data Mapping & GIS.

Year 2

Semester 3

15-18 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED*	GE AREA
3 units from List A ¹	3	See List B	See List B	
Any Transferrable Course ²	0-3		F, S, Su	
Any Transferrable Course ³	3		F, S, Su	
CSU Area C2-Humanities Z	3		F, S, Su	CSU Area C2
CSU Area C1-Arts Z	3		F, S, Su	CSU Area C1
CSU Area D-Social Sciences Z	3		F, S, Su	CSU Area D

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¹ Suggestion-GEOG 302 to meet the requirement for the Certificate in Field Data Mapping & GIS.

² Suggestion-GEOG 39X any of the field study in GEOG.

³ Suggestion-GEOL 300 to meet the requirement for the Certificate in Field Data Mapping & GIS.

Semester 4

15 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED*	GE AREA
3 units from List B ¹	3	See List A	See List A	
CSU Area C1-Arts or C2-Humanities Z	3		F, S, Su	CSU Area C1 or C2
CSU Area E-Lifelong Learning & Self-Development Z	3		F, S, Su	CSU Area E
CSU Area F-Ethnic Studies Z	3		Check Class Schedule for offering	CSU Area F
Any Transferrable Elective ²	3		F, S, Su	

0% no change

Median Salary in California (2021):

\$89,610/yr

Source:

<https://www.onetonline.org/link/summary/19-3092.00>

Transfer notes:

Please meet with a counselor for specific transfer course evaluation or transferring to a specific 4-year institution.

With the inclusion of all the suggested courses noted

This map will meet the requirement for the Certificate of Achievement in Field Data Mapping and Geographic Information Systems (GIS). Students can choose 6 units from the following: GEOG 300, GEOG 302, GEOG 310, ANTH 300, ANTH 310, ANTH 323, BIOL 350, BIOL 352, or GEOL 300.

General Education (GE)

Non-specified GE courses identified by CRC Area, CSU Area or IGETC Area without pre- or co-requisite can be taken at any semester.

Honors option:

The CRC Honors Program is designed specifically for academically accomplished students and for students with the potential for high achievement. Students who complete 15 units or more in honors-designated courses will earn special recognition as an Honors Scholar, a distinction that may entitle the student to guaranteed transfer and scholarship opportunities at select transfer colleges and universities.

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[^]You must have passed the prerequisite course(s) with a "C" or better; Corequisite must be taken during the same semester; Advisory means it is recommended but not required to enroll in the course.

*(O) = online available (P) = partially online

¹ Suggestion-GEOG 335 to meet the requirement for the Certificate in Field Data Mapping & GIS.

² Suggestion-select a course that will also meet the CSU Graduation Requirements. Units needed to total 60 units for graduation. Refer to [Course Number](#) for the appropriate course level necessary for the degree.

List A-a minimum of 6 units from the following:

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED*	GE AREA
GEOG 306 Z Weather and Climate	3	Advisory: MATH 30 or equivalent	F(O)	CSU Area B1
GEOG 320 Z World Regional Geography	3		S(P)	CSU Area D
GEOG 322 Geography of California	3		F	CSU Area D
GEOG 331 Exploring Maps and Geographic Technologies	3		F(P)	
GEOG 335 Introduction to Geographic Information Systems Applications	3	Advisory: CISC 302	S	
GEOG 391 Field Studies in Geography: Mountain Landscapes	1-4		Check Class Schedule for offering	
GEOG 392 Field Studies in Geography: Coastal Landscapes	1-4		Check Class Schedule for offering	
GEOG 393 Field Studies in Geography: Arid Landscapes	1-4		Check Class Schedule for offering	
GEOG 394 Field Studies in Geography: Volcanic Landscapes	1-4		Check Class Schedule for offering	

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About this program map:

This program map represents one possible pathway to complete the program. Please see a counselor to create an education plan customized to meet your needs. This map is not a guarantee of course availability or financial aid applicability.

Zero Textbook Costs (ZTC):

The Zero Textbook Costs designation and logo are added to any course that provides free access to all required instructional materials. These are typically shared with students through Canvas. Courses that are designated as ZTC may still require students to purchase supplemental materials such as lab coats, a calculator, art supplies, etc. See full definitions and searching tips on the [Zero Textbook Costs page](#) of the college website.

List B-a minimum of 6 units from the following (or any from List A not taken):

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
ANTH 310 ^Z Cultural Anthropology	3	Advisory: Eligible for ENGWR 300	F(O), S(O), Su(O)	CSU Area D
GEOG 302 ^Z Environmental Studies & Sustainability	3		F, S	CSU Area D
GEOG 305 ¹ ^Z Global Climate Change	3		F(P), S(P)	CSU Area B2
GEOL 300 ^Z Physical Geology	3	Advisory: co-req: GEOL 301	F, S	CSU Area B1
POLS 310 Introduction to International Relations	3	Advisory: ENGWR 101	F	CSU Area D
PSYC 330 Introductory Statistics for the Behavioral Sciences or STAT 300 ^Z Introduction to Probability and Statistics or ECON 310 ^Z Statistics for Business and Economics	3	MATH 120 or 125	F, S	CSU Area B4
	4	MATH 120 or 125	F, S, Su	CSU Area B4
	3	MATH 120 or 125	F, S, Su	CSU Area B4

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¹ Also listed as BIOL 351