



# Science, Technology, Engineering, and Mathematics Career and Academic Pathways (CAPs) Program Map: Associate in Arts Degree for Transfer for Geography (Physical)

Total number of units: 60 units

Top Code/Academic Plan: 2206.00

Updated on February 20, 2022

Semester 1	Course Code	Course	Units	Notes	Advising Notes
Program/GE Course	GEOG 001	<b>Physical Geography</b>	<b>3</b>	Satisfies IGETC 5A. This course has sections that are part of the Honors Program. Check the current catalog for the section number(s). To apply for admission to the Honors Program, please visit the ELAC Counseling Center. For additional information about the Honors Program, please visit the <a href="#">ELAC Honors Program website</a> or contact Dr. Bermudez at <a href="mailto:bermudn@elac.edu">bermudn@elac.edu</a> .	This course may have sections that include a low cost (LCT) or no cost textbook (ZTC). Check the current catalog for the section number(s). You can search for classes in the ELAC and LACCD Schedule of Classes under "Class Search Type" as "Zero Textbook Cost" or "Low-Cost Textbook Classes."
Program/GE Course	GEOG 015	<b>Physical Geography Lab</b>	<b>2</b>	Satisfies IGETC 5C. GEOG 001 is a corequisite course. This course has sections that are part of the Honors Program. Check the current catalog for the section number(s). To apply for admission to the Honors Program, please visit the ELAC Counseling Center. For additional information about the Honors Program, please visit the <a href="#">ELAC Honors Program website</a> or contact Dr. Bermudez at <a href="mailto:bermudn@elac.edu">bermudn@elac.edu</a> .	This course may have sections that include a low cost (LCT) or no cost textbook (ZTC). Check the current catalog for the section number(s). You can search for classes in the ELAC and LACCD Schedule of Classes under "Class Search Type" as "Zero Textbook Cost" or "Low-Cost Textbook Classes."
GE Course	ENGLISH 101	<b>College Reading and Composition I</b>	<b>3</b>	Satisfies IGETC 1A. This course has sections that are part of the Honors Program. Check the current catalog for the section number(s). To apply for admission to the Honors Program, please visit the ELAC Counseling Center. For additional information about the Honors Program, please visit the <a href="#">ELAC Honors Program website</a> or contact Dr. Bermudez at <a href="mailto:bermudn@elac.edu">bermudn@elac.edu</a> .	This course may have sections that include a low cost (LCT) or no cost textbook (ZTC). Check the current catalog for the section number(s). You can search for classes in the ELAC and LACCD Schedule of Classes under "Class Search Type" as "Zero Textbook Cost" or "Low-Cost Textbook Classes."
GE Course	COMM 101	<b>Public Speaking</b>	<b>3</b>	Recommended; Satisfies IGETC 1C.	
GE Course	ELECTIVE		<b>3</b>	Units vary (total elective needed may be 12 units).	The department suggests this course, but additional course options are available. Students should meet with a counselor.

**Total Units 14**

Semester 2	Course Code	Course	Units	Notes	Advising Notes
Program/GE Course	GEOG 014	<b>Geography of California</b>	<b>3</b>	or ENV SCI 017; Satisfies IGETC 4.	Typically offered in the Spring.
Program/GE Course	GEOG 002	<b>Cultural Elements of Geography</b>	<b>3</b>	Satisfies IGETC 4.	Typically offered in the Spring.
GE Course	MATH 227	<b>Statistics</b>	<b>4</b>	Recommended; Satisfies IGETC 2. MATH 125/125S/134 or MATH 137 are prerequisites. This course has sections that are part of the Honors Program. Check the current catalog for the section number(s). To apply for admission to the Honors Program, please visit the ELAC Counseling Center. For additional information about the Honors Program, please visit the <a href="#">ELAC Honors Program website</a> or contact Dr. Bermudez at <a href="mailto:bermudn@elac.edu">bermudn@elac.edu</a> .	
GE Course	ENGLISH 102 or 103	<b>Critical Thinking - English Composition</b>	<b>3</b>	Satisfies IGETC 1B.	

Semester 2	Course Code	Course	Units	Notes	Advising Notes
GE Course	ELECTIVE		3	Units vary (total elective needed may be 12 units).	The department suggests this course, but additional course options are available. Students should meet with a counselor.

**Total Units 16 If student chooses 3 unit MATH course, adding 1 elective unit is required.**

Semester 3	Course Code	Course	Units	Notes	Advising Notes
Program Course	GEOG 025	<b>Introduction to Geographic Information Systems and Lab</b>	3	or GIS 025.	Typically offered in the Fall.
Program/GE Course	GEOLOGY 001	<b>Physical Geology</b>	3	Satisfies IGETC 5A.	
GE Course	IGETC 3A	<b>Arts</b>	3	Satisfies IGETC 3A.	The department suggests this course, but additional course options are available. Students should meet with a counselor.
GE Course	IGETC 4	<b>Social and Behavioral Sciences</b>	3	Satisfies IGETC 4.	The department suggests this course, but additional course options are available. Students should meet with a counselor.
GE Course	ELECTIVE		3	Units vary (total elective needed may be 12 units).	The department suggests this course, but additional course options are available. Students should meet with a counselor.

**Total Units 15**

Semester 4	Course Code	Course	Units	Notes	Advising Notes
Program/GE Course	GEOG 003	<b>Introduction to Weather and Climate</b>	3	Also METEOR 003. Satisfies IGETC 5A.	This course may have sections that include a low cost (LCT) or no cost textbook (ZTC). Check the current catalog for the section number(s). You can search for classes in the ELAC and LACCD Schedule of Classes under "Class Search Type" as "Zero Textbook Cost" or "Low-Cost Textbook Classes."
GE Course	IGETC 5B	<b>Biological Sciences</b>	3	Satisfies IGETC 5B; units vary.	
GE Course	IGETC 3B	<b>Humanities</b>	3	Satisfies IGETC 3B; units vary.	The department suggests this course, but additional course options are available. Students should meet with a counselor.
GE Course	IGETC 3A or 3B	<b>Arts or Humanities</b>	3	Satisfies IGETC 3A or 3B; units vary.	
GE Course	ELECTIVE		3	Units vary (total elective needed may be 12 units).	The department suggests this course, but additional course options are available. Students should meet with a counselor.

**Total Units 15**

#### Degree Path and Requirements:

Associate in Arts in Geography for Transfer. Students are required to complete 60 semester units of CSU transferable coursework with a minimum GPA of 2.0, including a minimum of 20 units in the major with a grade of "C" (or "P") for each course in the major. Certified completion of the California State University General CSU transferable coursework with a minimum GPA of 2.0, including a minimum of 30 units in the major with a grade of "C" (or "P") for each course in the major. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) Pattern is also required.

This map is a suggested term-by-term sequence of courses to complete the program in a recommended time frame. This is an efficient and recommended plan, but actual plans may vary by individual student need. This map cannot replace a meeting with [counselors](#).

#### Department Advising Notes:

Elective units vary. If students double count all eligible GE and major courses and take the lowest unit value class, they would need 12 units of electives. Students interested in participating in the Geography Club should contact Professor Seeley (seeletr@elac.edu).

#### Program Description

Geography is so much more than learning about different places. Geography introduces students to the different components of nature and human society that shape the world in which we live. What sets geography apart from other disciplines is that our studies compel us to look at our world in new ways that reveal connections within the patterns of nature and societal processes that define contemporary life. Geographers are trained to analyze and interpret geographic patterns using maps, graphs, Geographic Information Systems and other analytical techniques to interpret our world. Geography majors hone valuable skills in spatial thinking, geographic analysis, landscape interpretation, and field research.

Geography Program Learning Outcomes (PLOs):

Analyze and interpret geographic patterns using maps, graphs, Geographic Information Systems and other analytic tools commonly employed by geographers.

Describe the geographic character of human society and activities, and aspects of globalization in contemporary life.

Illustrate the complex linkages between the geosphere, the atmosphere, the hydrosphere, and the biosphere, and the manner in which Earth's different landscapes are formed.

### **Career and Transfer Opportunities**

The skills geographers learn in their degree programs position them to collaborate on solutions to such wide-ranging issues as urbanization, climate change, natural disasters mitigation, environmental justice, international conflict, health, and migration. Professional geographers pursue exciting careers in city and transportation planning, marketing studies, cartography, environmental impact assessment, sustainability and resource management, law enforcement, intelligence, diplomatic services, teaching and many others.

Visit the [Transfer Center](#) for transfer information, which varies based on transfer college. Make an appointment with a [counselor](#). Students can visit [Career and Job Services](#) for career counseling and further exploration.

### **Youtube Videos**

[Journeys into Geography](#)

### **Program Map**

A suggested sequence of classes to complete a degree, certificate, or program of study. Students should consult an academic counselor for variations to this plan based on part-time or full-time status, transfer plans, pre-requisites needed, etc.

### **Prerequisite Course**

A specific course that must be completed before advancing to the next course.

Check the online catalog at [elac.edu](http://elac.edu) for the latest and most accurate information.

### **Contact**

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