

## Geography

### LOWER-DIVISION TRANSFER PATTERN California State University (CSU) Statewide Pattern

The Lower-Division Transfer Pattern (LDTP) consists of the CSU statewide pattern of coursework outlined below, plus campus-specific coursework, bringing the total pattern to at least 60 but no more than 70 transferable semester units for students to complete at a California Community College (CCC).

The CSU statewide pattern of coursework for CCC students who plan to major in Geography at any CSU campus offering the major includes:

- Completion of lower-division general education requirements, following either the CSU General Education Breadth (GE-Breadth) or the Intersegmental General Education Transfer Curriculum (IGETC) pattern;
- Completion of the CSU graduation requirements in United States History, Constitution and American Ideals; and
- Completion of additional coursework and semester units as specified below in (3) and (4).

CSU Statewide Pattern	Semester Unit Requirement
<p><b>(1) Complete lower-division general education requirements.</b></p> <p>Obtain a <i>certification of completion</i> of GE-Breadth or IGETC by the California Community College before transferring to a CSU campus.</p> <p>While completing general education, follow the course pattern stated below.</p>	<p><b>39 units for GE-Breadth</b></p> <p>Minimum grades of “C” are required in courses used to meet GE-Breadth Areas A and B4.</p> <p><b>or</b></p> <p><b>37 units for IGETC</b></p> <p>Minimum grade of “C” is required in each course used for IGETC.</p>
<p><b>(2) Complete the graduation requirements in United States History, Constitution and American Ideals.<sup>1</sup></b></p> <p>These are typically completed with one course each in American government and American history, or a sequence of courses that integrate the history and government topics.</p> <p>Students completing GE-Breadth should ordinarily use these courses to satisfy 6 units of Area D.</p>	<p><b>0 units required for GE-Breadth</b></p> <p><b>6 units for IGETC</b></p> <p>IGETC does <u>not</u> permit double counting of courses to meet IGETC <i>and</i> U.S. History, Constitution and American Ideals requirements.</p>
<p><b>(3) As part of the lower-division general education requirements, complete either:</b></p> <ul style="list-style-type: none"> <li>• <b>Introduction to Physical Geography without lab</b> [CAN GEOG 2]</li> <li style="text-align: center;"><i>or</i></li> <li>• <b>Introduction to Physical Geography with lab</b> [CAN GEOG 6].</li> </ul> <p>This course should be used to satisfy in part GE-Breadth Area B or IGETC Area 5.</p>	<p><b>0 units</b></p>
<p><b>(4) Complete Introduction to Human Geography</b> [CAN GEOG 4].</p> <p>This course should not be used to meet GE-Breadth or IGETC.</p>	<p><b>3 units</b></p>
<p><b>(5) Complete additional coursework to bring total to 45 transferable semester units.</b></p>	<p><b>0-3 units</b></p>
<p><b>Total Semester Units Required for Statewide LDTP Pattern</b></p>	<p><b>45 Units</b></p>

<sup>1</sup> CCC courses that fulfill general education and graduation requirements in United States History, Constitution and American Ideals are listed at [www.assist.org](http://www.assist.org).

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**CSU Bakersfield**

This campus does not have a major, concentration, or option in Geography.

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**CSU Channel Islands**

This campus does not have a major, concentration, or option in Geography.

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**CSU Chico**

In addition to the statewide pattern of 45 units the following are campus requirements.

<b>Campus-Specific Pattern</b>	<b>Semester Unit Requirement</b>
<b>Complete additional coursework to bring total to 60 transferable semester units.</b>	<b>15 units</b>
<b>Total Semester Units Required for CSU Chico</b>	<b>15 units</b>

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**CSU Dominguez Hills**

In addition to the statewide pattern of 45 units the following are campus requirements.

<b>Campus-Specific Pattern</b>	<b>Semester Unit Requirement</b>
<b>Complete additional coursework to bring total to 60 transferable semester units.</b>	<b>15 units</b>
<b>Total Semester Units Required for CSU Dominguez Hills</b>	<b>15 units</b>

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**CSU East Bay**

In addition to the statewide pattern of 45 units the following are campus requirements.

<b>Campus-Specific Pattern</b>	<b>Semester Unit Requirement</b>
<p><b>(1) If not taken as part of the statewide pattern (including general education and/or major preparation requirements), complete one or more of the following recommended but not required courses:</b></p> <ul style="list-style-type: none"> <li>• Foreign Language</li> <li>• Statistics (CAN STAT 2)</li> <li>• Introductory Computer Science</li> <li>• Geology</li> </ul> <p><b>Proficiency in reading a foreign language at the first-year level or in statistics at the upper-division level or in mathematics at the level of Calculus III must be demonstrated by successful completion of a departmental examination.</b></p>	<p><b>0-6 units</b>  <b>0-3 units</b>  <b>0-3 units</b>  <b>0-3 units</b></p>
<b>Complete additional coursework to bring total to 60 transferable semester units.</b>	<b>0-15 units</b>
<b>Total Semester Units Required for CSU East Bay</b>	<b>15 units</b>

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**CSU Fresno**

In addition to the statewide pattern of 45 units the following are campus requirements.

<b>Campus-Specific Pattern</b>	<b>Semester Unit Requirement</b>
<b>Complete additional coursework to bring total to 60 transferable semester units.</b>	<b>15 units</b>
<b>Total Semester Units Required for CSU Fresno</b>	<b>15 units</b>

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**CSU Fullerton**

In addition to the statewide pattern of 45 units the following are campus requirements.

<b>Campus-Specific Pattern</b>	<b>Semester Unit Requirement</b>
<b>Complete additional coursework to bring total to 60 transferable semester units.</b>	<b>15 units</b>
<b>Total Semester Units Required for CSU Fullerton</b>	<b>15 units</b>

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**Humboldt State University**

In addition to the statewide pattern of 45 units the following are campus requirements.

<b>Campus-Specific Pattern</b>	<b>Semester Unit Requirement</b>
<b>Complete additional coursework to bring total to 60 transferable semester units.</b>	<b>15 units</b>
<b>Total Semester Units Required for Humboldt State University</b>	<b>15 units</b>

**Geography  
LOWER-DIVISION TRANSFER PATTERN  
CSU Long Beach**

In addition to the statewide pattern of 45 units the following are campus requirements.

<b>Campus-Specific Pattern</b>	<b>Semester Unit Requirement</b>
<b>(1) If not taken as part of the statewide pattern (including general education and/or major preparation requirements), complete:</b> <ul style="list-style-type: none"> <li>• <b>Introduction to research methods for geographers (CSULB GEOG 200) or another statistics course (CAN STAT 2),</b></li> <li>• <b>Introduction to geospatial techniques (CSULB GEOG 280)</b></li> </ul>	<b>0-3 units</b>  <b>3 units</b>
<b>(2) Additional courses to bring the total to 60 transferable semester units. The following are strongly recommended.</b> <ul style="list-style-type: none"> <li>• <b>World Regional Geography -- (CSULB GEOG 100 or CAN GEOG 14)</b></li> <li>• <b>An additional Math course</b></li> <li>• <b>An additional course in Geography, Geology, or Anthropology</b></li> </ul>	<b>9-12 units</b>
<b>Total Semester Units Required for CSU Long Beach</b>	<b>15 units</b>

**Geography  
LOWER-DIVISION TRANSFER PATTERN  
CSU Los Angeles**

In addition to the statewide pattern of 45 units the following are campus requirements.

<b>Campus-Specific Pattern</b>	<b>Semester Unit Requirement</b>
<b>Complete</b> <ul style="list-style-type: none"> <li>• <b>A second semester of expository writing that emphasizes exposition, research, and critical thinking, typically called “Writing and Critical Thinking” (as opposed to “Literature and Composition”)</b></li> </ul>	<b>0-3 units</b>
<b>Complete additional coursework to bring total to 60 transferable semester units.</b>	<b>12-15 units</b>

<b>Total Semester Units Required for CSU Los Angeles</b>	<b>15 units</b>
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**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**California Maritime Academy**

This campus does not have a major, concentration, or option in Geography.

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**CSU Monterey Bay**

This campus does not have a major, concentration, or option in Geography.

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**CSU Northridge**

In addition to the statewide pattern of 45 units the following are campus requirements.

<b>Campus-Specific Pattern</b>	<b>Semester Unit Requirement</b>
<p><b>(1) If not taken as part of the statewide pattern (including general education and/or major preparation requirements), complete:</b></p> <ul style="list-style-type: none"> <li>• <b>A study of the natural environment; nature, distribution, and relationships of climate, landforms, vegetation, hydrology, and soils. The Physical Environment [CSUN GEOG 101] and</b></li> <li>• <b>A course in observations, experiments, and demonstrations designed to familiarize students with techniques utilized by physical geographers. Physical Geography Lab [CSUN GEOG 102] and</b></li> <li>• <b>A geographical survey of the world’s major regions with emphasis on those features important to an understanding of current global concerns and problems. World Geography [CSUN GEOG 150] and</b></li> <li>• <b>An introduction to basic principles of geographical information science (GIS), including data gathering, analysis, and display through digital methods. Introduction to examples of how GIS is currently being used to answer spatial questions on environmental and social issues. Introduction to GIS and Lab [CSUN GEOG 206]</b></li> </ul>	<b>0-15 units</b>
<b>(2) Complete additional coursework to bring total to 60 transferable semester units.</b>	<b>0-15 units</b>

<b>Total Semester Units Required for CSU Northridge</b>	<b>15 units</b>
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**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**Cal Poly Pomona**

In addition to the statewide pattern of 45 units the following are campus requirements.

<b>Campus-Specific Pattern</b>	<b>Semester Unit Requirement</b>
<b>Complete additional coursework to bring total to 60 transferable semester units.</b>	<b>15 units</b>
<b>Total Semester Units Required for Cal Poly Pomona</b>	<b>15 units</b>

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**CSU Sacramento**

In addition to the statewide pattern of 45 units the following are campus requirements.

<b>Campus-Specific Pattern</b>	<b>Semester Unit Requirement</b>
<b>(1) If not taken as part of the statewide pattern (including general education and/or major preparation requirements), complete one or more of the following recommended but not required courses:</b> <ul style="list-style-type: none"> <li>• <b>Introductory Statistics</b></li> <li>• <b>Introductory Computer Science</b></li> <li>• <b>A Geology course</b></li> <li>• <b>A Foreign Language.</b> (This course is to count towards Sacramento's foreign language graduation requirement.)</li> </ul>	<b>0-15 units</b>
<b>(2) Complete additional coursework to bring total to 60 transferable semester units.</b>	<b>0-15 units</b>
<b>Total Semester Units Required for CSU Sacramento</b>	<b>15 units</b>

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**CSU San Bernardino**

In addition to the statewide pattern of 45 units the following are campus requirements.

<b>Campus-Specific Pattern</b>	<b>Semester Unit Requirement</b>
<b>Complete additional coursework to bring total to 60 transferable semester units.</b>	<b>15 units</b>
<b>Total Semester Units Required for CSU San Bernardino</b>	<b>15 units</b>

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**San Diego State University**

In addition to the statewide pattern of 45 units the following are campus requirements.

Campus-Specific Pattern	Semester Unit Requirement
Complete additional coursework to bring total to 60 transferable semester units.	15 units
<b>Total Semester Units Required for San Diego State University</b>	<b>15 units</b>

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**San Francisco State University**

In addition to the statewide pattern of 45 units the following are campus requirements.

Campus-Specific Pattern	Semester Unit Requirement
(1) If not taken as part of the statewide pattern (including general education and/or major preparation requirements), complete: <ul style="list-style-type: none"> <li>• College Composition, 1<sup>st</sup> semester [CAN ENGL 2, SFSU ENG 114] and</li> <li>• College Composition and Literature, 2<sup>nd</sup> semester [CAN ENGL 4, SFSU ENG 214]</li> </ul>	0-3 units
(2) Complete additional coursework to bring total to 60 transferable semester units.	9-15 units
<b>Total Semester Units Required for San Francisco State University</b>	<b>15 units</b>

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**  
**San Jose State University**

In addition to the statewide pattern of 45 units the following are campus requirements.

Campus-Specific Pattern	Semester Unit Requirement
Complete additional coursework to bring total to 60 transferable semester units.	15 units
<b>Total Semester Units Required for San Jose State University</b>	<b>15 units</b>

**Geography**  
**LOWER-DIVISION TRANSFER PATTERN**

## Cal Poly San Luis Obispo

This campus does not have a major, concentration, or option in Geography.

### **Geography LOWER-DIVISION TRANSFER PATTERN CSU San Marcos**

This campus does not have a major, concentration, or option in Geography.

### **Geography LOWER-DIVISION TRANSFER PATTERN Sonoma State University**

In addition to the statewide pattern of 45 units the following are campus requirements.

<b>Campus-Specific Pattern</b>	<b>Semester Unit Requirement</b>
<b>Complete additional coursework to bring total to 60 transferable semester units.</b>	<b>15 units</b>
<b>Total Semester Units Required for Sonoma State University</b>	<b>15 units</b>

### **Geography LOWER-DIVISION TRANSFER PATTERN CSU Stanislaus**

In addition to the statewide pattern of 45 units the following are campus requirements.

<b>Campus-Specific Pattern</b>	<b>Semester Unit Requirement</b>
<b>Complete additional coursework to bring total to 60 transferable semester units.</b>	<b>15 units</b>
<b>Total Semester Units Required for CSU Stanislaus</b>	<b>15 units</b>