BA IN GEOGRAPHY (HUMAN GEOGRAPHY)

Units required for Major: 46
Total units required for BA: 120

Program Description
The Bachelor of Arts in Geography with a concentration in Human Geography examines how diverse human cultures and economies interact with natural environments to create distinctive places with unique achievements, challenges, and conflicts. Students acquire cross-cultural perspectives and knowledge relevant to globalization, international development, energy and other natural resource issues, hazards and disasters, migration and demography, and geopolitical situations.

Note:
• Every candidate must complete all of the Geography Core and one Concentration.
• Courses cannot double count for the core and the concentration.
• Students must take at least FOUR courses, with at least one each from Data Analysis and Data Output categories.

Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 1</td>
<td>Physical Geography: The Distribution of Natural Phenomena 1</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 2</td>
<td>Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3</td>
<td>Introduction to Maps and Geographic Technologies</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 11</td>
<td>Laboratory in Physical Geography</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 102</td>
<td>Ideas and Skills in Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 118</td>
<td>Earth Transformed</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 190</td>
<td>Senior Research Seminar in Geography 1</td>
<td>3</td>
</tr>
</tbody>
</table>

Geography Core (12 Units)
Select one course from each of the following four areas: 12

Geographic Techniques
- GEOG 105 Computer Cartography
- GEOG 107 Remote Sensing
- GEOG 109 Geographic Information Systems
- GEOG 110 Advanced Geographic Information Systems
- GEOG 150 Programming for GIS
- GEOG 151 Programming for GIS II (GEOG 151 is being proposed concurrently with this program change proposal)
- GEOG 163 Applied GIS
- GEOG 181 Quantitative Methods in Geography
- GEOG 182 Qualitative Methods in Geography
- GEOG 193A Field Geography: Urban-Metropolitan
- GEOG 193B Field Geography: Suburban-Rural
- GEOG 193C Field Geography: Physical

Human Geography
- GEOG 141 Geography of Economic Activity
- GEOG 143 Environmental Hazards and Society
- GEOG 145 Population Geography
- GEOG 147 Urban Geography
- GEOG 148 Urban and Regional Planning
- GEOG 149 Transportation Geography
- GEOG 163 Applied GIS

Physical Geography
- GEOG 111 Elements Of Meteorology
- GEOG 113 Climate
- GEOG 115 Biogeography
- GEOG 116 Global Climate Change
- GEOG 117 Landforms
- GEOG 161 California’s Water Resources

Regional Geography
- GEOG 121 United States and Canada
- GEOG 125 Geography Of East Asia
- GEOG 127 Geography Of Africa
- GEOG 128 Geography Of Europe
- GEOG 129A Special Topics in Regional Geography A
- GEOG 129B Special Topics in Regional Geography B
- GEOG 129C Special Topics in Regional Geography C
- GEOG 131 California

Concentrations (15 Units)
Select a concentration from the following: 15
- Geographic Information Systems and Analysis Concentration
- Human Geography Concentration
- Metropolitan Area Planning Concentration
- Physical Geography Concentration

Total Units
46

1 Course also satisfies General Education (GE)/Graduation Requirement.

Concentration in Human Geography (15 units)
Select two additional human geography courses from the following: 6
- GEOG 141 Geography of Economic Activity
- GEOG 143 Environmental Hazards and Society
- GEOG 145 Population Geography
- GEOG 147 Urban Geography
- GEOG 148 Urban and Regional Planning
- GEOG 149 Transportation Geography
- GEOG 161 California’s Water Resources
- GEOG 163 Applied GIS

Select two additional regional geography courses from the following: 6
- GEOG 121 United States and Canada
- GEOG 125 Geography Of East Asia
- GEOG 127 Geography Of Africa
- GEOG 128 Geography Of Europe
- GEOG 129A Special Topics in Regional Geography A
- GEOG 129B Special Topics in Regional Geography B
GEOG 129C  Special Topics in Regional Geography C
GEOG 131  California
Select one additional technique course from the following:  3
GEOG 105  Computer Cartography
GEOG 107  Remote Sensing
GEOG 109  Geographic Information Systems
GEOG 110  Advanced Geographic Information Systems
GEOG 150  Programming for GIS
GEOG 151  Programming for GIS II
GEOG 163  Applied GIS
GEOG 181  Quantitative Methods in Geography
GEOG 182  Qualitative Methods in Geography
GEOG 193A  Field Geography: Urban-Metropolitan  2
GEOG 193B  Field Geography: Suburban-Rural  2

Total Units 15

1. Course also satisfies General Education (GE)/Graduation Requirement.
2. Required in Major; also satisfies GE.
3. Students can meet upper division Area D by taking GEOG 145 in the Concentration Requirements.

General Education Requirements  1

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area A: Basic Subjects (9 Units)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A1</td>
<td>Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>A2</td>
<td>Written Communication</td>
<td>3</td>
</tr>
<tr>
<td>A3</td>
<td>Critical Thinking</td>
<td>3</td>
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<tr>
<td>Area B: Physical Universe and Its Life Forms (9 Units)</td>
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<td></td>
</tr>
<tr>
<td>B1</td>
<td>Physical Science  2</td>
<td>0</td>
</tr>
<tr>
<td>B2</td>
<td>Life Forms</td>
<td>3</td>
</tr>
<tr>
<td>B3</td>
<td>Lab (Note: Lab experience to be taken with one of the following: B1, B2 or B5)  4</td>
<td>0</td>
</tr>
<tr>
<td>B4</td>
<td>Math Concepts</td>
<td>3</td>
</tr>
<tr>
<td>B5</td>
<td>Additional Course (Any B to reach 12 units) - Take upper-division course to complete Area &amp; upper division requirements.</td>
<td>3</td>
</tr>
<tr>
<td>Area C: Arts and Humanities (12 Units)</td>
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<td></td>
</tr>
<tr>
<td>C1</td>
<td>Arts</td>
<td>3</td>
</tr>
<tr>
<td>C2</td>
<td>Humanities</td>
<td>3</td>
</tr>
<tr>
<td>C1/C2</td>
<td>Area C Course</td>
<td>3</td>
</tr>
<tr>
<td>C1/C2</td>
<td>Area C Course - Take upper-division course to complete Area &amp; upper division requirements.</td>
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</tr>
<tr>
<td>Area D: The Individual and Society (3-6 Units)</td>
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<tr>
<td>D</td>
<td>Area D Course</td>
<td>3</td>
</tr>
<tr>
<td>D</td>
<td>Area D Course - Take upper-division course to complete Area &amp; upper division requirements.  3</td>
<td>0</td>
</tr>
<tr>
<td>Area E: Understanding Personal Development (3 Units)</td>
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<td></td>
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<tr>
<td>E</td>
<td>Area E Course</td>
<td>3</td>
</tr>
<tr>
<td>Area F: Ethnic Studies (3 Units)</td>
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<td></td>
</tr>
<tr>
<td>F</td>
<td>Area F Course</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Units 39-42

1. To help you complete your degree in a timely manner and not take more units than absolutely necessary, there are ways to use single courses to meet more than one requirement (overlap). For further information, please visit the General Education page (http://catalog.csus.edu/colleges/academic-affairs/general-education/).

2. Required in Major; also satisfies GE.

3. The technique cannot be a field course if a field course was taken for the core.

Graduation Requirements  1

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduation Requirements (required by CSU) (6 Units)</td>
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<tr>
<td>American Institutions: U.S. History</td>
<td>3</td>
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</tr>
<tr>
<td>American Institutions: U.S. Constitution &amp; CA Government</td>
<td>3</td>
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</tr>
<tr>
<td>Writing Intensive (WI)  2</td>
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<tr>
<td>Graduation Requirements (required by Sacramento State) (12 Units)</td>
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<tr>
<td>English Composition II</td>
<td>3</td>
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<tr>
<td>Race and Ethnicity in American Society (RE)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Foreign Language Proficiency Requirement  3</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

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2. Required in Major; also satisfies Graduation Requirement.

3. If not satisfied before entering Sacramento State, it may be satisfied in General Education Area C2 (Humanities). "C- or better required." The alternative methods for satisfying the Foreign Language Proficiency Requirement are described here: https://www.csus.edu/college/arts-letters/world-languages-literatures/foreign-language-requirement.html (https://www.csus.edu/college/arts-letters/world-languages-literatures/foreign-language-requirement.html)