PROGRAM DESCRIPTION:
Geographers integrate time, space, and demographics into maps which have both academic and applied values. Geography is an interdisciplinary area of study that interfaces with earth sciences, life sciences, business, and teaching. The field of geography requires that students be broadly based in two major areas: cultural geography and physical geography. These areas form the core of the curriculum. Students may then pursue other areas of concentration.

The Associate in Science Geography for Transfer (AA-T) degree is suited to the needs of students who will complete their education at Chaffey College with an associate degree, as well as those students who will complete their Chaffey associate degree and then transfer to a four year institution to complete their bachelor’s degree. Successful completion of the transfer degree in Geography guarantees the student acceptance to a California State University (but does not guarantee acceptance to a particular campus or major) to pursue a baccalaureate degree, in preparation to pursue a career in the field of geography, earth science, geology, geophysics, and various social sciences.

HOW DO I KNOW THIS MAJOR IS FOR ME?
- You enjoy routines
- You like working with data and details
- You can solve hands on problems
- You are comfortable working with plants and animals
- You enjoy working outside
- You are careful and detail oriented

WHAT CAN I DO WITH THIS ASSOCIATE DEGREE?
- Travel Guide
- Recreation Leader
- Land-use Technician
- Mapping Assistant
- Forest/Conservation Technician
- Surveying Technician

WHERE CAN I WORK?
This pathway provides you with a choice of various work environments including:
- Powerplants
- Bureau of Land Management
- County Departments
- Private Industry
- City/County Offices
- Schools and Colleges
- Federal/State Government
- Non-profit Organizations
- Technology Companies

WHAT IS THE POTENTIAL WAGE OUTLOOK?
This associate degree may lead to a position as a Mapping Assistant, which according to the EDD/LMID Occupational Employment Statistics Survey, 2018 the median wage in California was $31.08 per hour. For more information, visit www.labormarketinfo.edd.ca.gov/OccGuides.

The job and wage outlook will vary based on the position selected within this major. To review current salary information and job outlook for other occupational titles, visit www.onetonline.org.

WHAT CAN I DO IN THE FUTURE WITH MORE EDUCATION?
The positions below require at least a bachelor’s degree in Geography and/or specialized training. According to O*NetOnline, the median salary in 2018 for Geographic Information Systems Technicians in California was $91,680.
- Geographic Information Systems Technician
- Geospatial Information Scientist
- Geographer
- Resource Analyst
- Mapper
- Regional Planner
- Remote Sensing
- Environmental Affairs
- Geography Teacher
- Land Surveyor
- Conservation Officer
- Environmental Analyst

For additional information about career pathways and to find out if this major is a good fit for you visit the Career Center located in MACC 203. Career information was collected from www.onetonline.org and www.bls.gov.
MAJOR AND COURSE REQUIREMENTS:
To obtain the Geography AA-T degree, students must:

- Complete all the major requirements listed below with grades of C or better.
- Complete a minimum of 60 CSU-transferable units listed with a grade point average (GPA) of 2.0 or better.
- Complete either the California State University General Education Breadth pattern (CSU GE), or the Intersegmental General Education Transfer Curriculum (IGETC).

LEGEND: G=Grade     IP=In Progress    N=Need    Bold: Prerequisites    Plain Text: No Prerequisites    *: Corequisite

<table>
<thead>
<tr>
<th>Major Requirements for the Associate in Arts for Transfer Degree: (A206A/B)</th>
<th>Grade</th>
<th>IP</th>
<th>Need</th>
<th>Units</th>
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<tbody>
<tr>
<td>GEOG 4 Physical Geography</td>
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<tr>
<td>GEOG 5* Physical Geography Laboratory</td>
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<tr>
<td>GEOG 11 Human Geography</td>
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List A: Plus two courses from the following:

<table>
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<tr>
<th>Grade</th>
<th>IP</th>
<th>Need</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>GEOG 1 World Regional Geography</td>
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<tr>
<td>GEOG 2 Introduction to Weather, Climate, and Society</td>
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<tr>
<td>GEOG 3 Geography of California</td>
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List B: Plus two courses from the following:

Any from List A not used above or:

<table>
<thead>
<tr>
<th>Grade</th>
<th>IP</th>
<th>Need</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHRO 3 Introduction to Social and Cultural Anthropology</td>
<td></td>
<td></td>
<td>3</td>
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<tr>
<td>GEOG 6 Environmental Geography</td>
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<td>3</td>
</tr>
<tr>
<td>GEOG 10 Cultural Geography of North America</td>
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</tr>
<tr>
<td>GEOL 1 Physical Geology</td>
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Units for the Major: 19-20

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<tr>
<th>IGETC</th>
<th>CSU</th>
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<tr>
<td>General Education</td>
<td>37</td>
</tr>
<tr>
<td>Total units that may be double counted</td>
<td>13</td>
</tr>
<tr>
<td>Elective (CSU transferable) units</td>
<td>16-17</td>
</tr>
<tr>
<td>60</td>
<td>60</td>
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</tbody>
</table>

$46 per unit for CA Residents

05/14/19 MAJOR: A206A(CSU)/A206B(IGETC) 5885 Haven Avenue, Rancho Cucamonga, CA 91737-3002 (909) 652-6000, 652-6200