

Geography, AA-T



CATALOG 2022-23

GE Pattern: CSU GE or IGETC

Total Units: 60 Units

Program Code: GEOGT.AA or GEOGT.IGETC.AA



Category Key

| | | | | | |
|------|--------------------|---|----|----------------------|--|
| (a) | Articulated Credit | A course taught at the high school that teaches the same content as the community college allowing the high school student to receive college credit. | GE | General Education | A course that fulfills a specific general education requirement for this degree which can be replaced with another course that meets the same requirements. |
| Elec | Elective | A degree - applicable course that is part of a degree road map to ensure that there is a total of at least 60 units, which is a requirement for an AS degree. | RE | Restricted Electives | A course selected from a list of elective courses specified for this degree in the course list in the catalog, which can be replaced with another course from the same list. |
| Req | Required Core | A course that is required for this degree | | | |

Year 1

Semester 1

14 Units

| Category | Course | Title | GE Area | Unit |
|----------|------------|------------------------------------|----------|------|
| Req | GEOG 101 | Introduction to Physical Geography | B1 or 5A | 3 |
| Req | GEOG 101L | Geography 1 Laboratory | B3 or 5C | 1 |
| Elec | GEOG 110 | Intro to G.I.S. | | 3 |
| GE | ENGL 101.0 | English Composition and Reading | A2 or 1A | 4 |
| GE | Any | ORAL COMMUNICATION | A1 or 1C | 3 |



Semester 2

15 Units

| Category | Course | Title | GE Area | Unit |
|----------|---------------------------|-------------------------------------|----------|------|
| Req | List A | GEOG 103 Geography of California | | 3 |
| Req | List B | GEOG 130 Intro to Weather & Climate | Not UC | 3 |
| GE | Any | Recommended: MATH 120 or PSYC 215 | B4 or 2 | 3 |
| GE | ENGL 104 or PHIL/RLST 207 | CRITICAL THINKING | A3 or 1B | 3 |
| GE | Any | | C1 or 3A | 3 |

Year 2

Semester 1

16 Units

| Category | Course | Title | GE Area | Unit |
|----------|----------|--|----------|------|
| Elec | List B | ANTH 102 Introduction to Cultural Anthropology | D or 4 | 3 |
| Req | GEOG 102 | Introduction to Cultural Geography | 4 | 3 |
| GE | Any | Recommended: ANTH 101 | B2 or 5B | 3 |
| GE | Any | Recommended: HIST 117, HIST 118, or HIST 155 | C2 or 3B | 3 |
| Elec | Any | Recommended GEOL 101 | | 4 |



Semester 2

12 Units

| Category | Course | Title | GE Area | Unit |
|----------|--------|--|----------------|------|
| GE | List A | GEOG 104 World Regional Geography | D or 4 | 3 |
| GE | Any | | C1/C2 or 3A/3B | 3 |
| GE | Any | If following IGETC, consult with a counselor | E or 6 | 3 |
| GE | | ETH 101 or 102 | F | 3 |

Must Receive a grade of C or better in all courses to receive a certificate



+101
5-year Job Demand
Increase in
MDCP Region

**Average Hourly
Wage**

\$45.45
MDCP Region

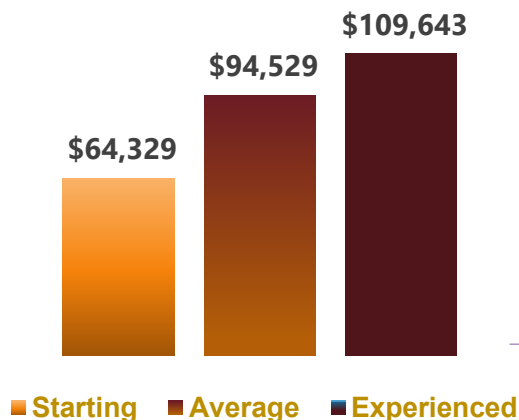
\$45.33
SB County

\$46.99
California

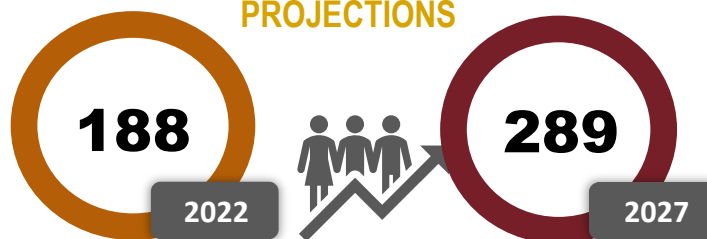
**MDCP
Regional Labor Market
Snapshot**
**JOBS in
Geology and GIS
Technology
Occupations**

Salary Guide

AVERAGE BY EXPERIENCE

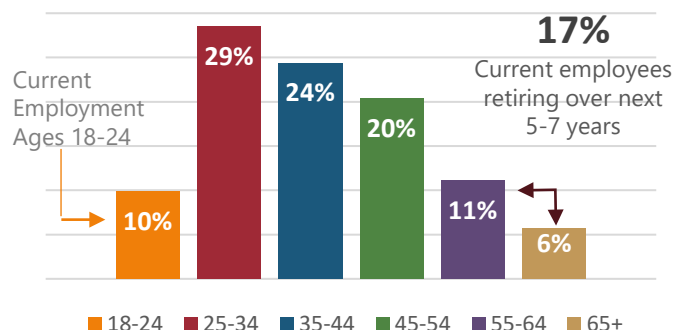


EMPLOYMENT PROJECTIONS



5-year demand includes new jobs, transfers, and retirements

Current Age Breakdown



AVERAGE WAGE INFORMATION PER JOBS IN REGION

| Occupation | Average Hourly Wage | | | HD Average Salary |
|--|---------------------|---------|------------|-------------------------|
| | HD | SBC | California | |
| Surveying and Mapping Technicians (HS) | \$31.20 | \$29.24 | \$34.47 | \$64,900 |
| Geological and Hydrologic Technicians (A) | \$32.80 | \$32.05 | \$33.65 | \$68,200 |
| Cartographers and Photogrammetrists (B) | \$39.30 | \$37.29 | \$44.08 | \$81,700 |
| Hydrologists (B) | \$63.02 | \$71.19 | \$55.16 | \$131,100 |
| Environmental Scientists and Geoscientists (B) | \$46.05 | \$44.08 | \$46.85 | \$95,800 |
| Mining and Geological Engineers (B) | \$62.32 | \$60.22 | \$67.87 | \$129,600 |
| Urban and Regional Planners (M) | \$43.44 | \$43.27 | \$46.88 | \$90,400 |

Average hourly wage based on listed occupations
(HS = High School Diploma; PSC= Postsecondary Certificate; A = Associates Degree;
B = Bachelor's Degree; M = Master's Degree, D = Professional or Doctorate Degree)

HD Average wages based on listed occupations
^High Demand Occupation



CONTINUING EDUCATION AND TRAINING

Program

BS Geographic Information Science
BA GIS
MS Geospatial AIS and Technology
MS GIS
MS GIS

College

Cal State, San Bernardino
Cal State, Northridge
UC Los Angeles
Cal State Long Beach
University of Redlands

For additional information visit
<https://catalog.vvc.edu/degrees-certificates/geography/#degreestext>

LOCAL EMPLOYERS

Employer

CalPortland
National Park Service
Rio Tinto
San Bernardino County
Victor Valley College

Website

<https://careers.calportland.com/>
<https://www.nps.gov/state/ca/index.htm>
<https://www.riotinto.com/en/careers>
<http://cms.sbcounty.gov/lus/Home.aspx>
<https://www.vvc.edu/>



Current Gender Breakdown

