



Santa Monica College, Earth Science Department

# Geography Program

**Geography** is unique in bridging the social sciences and the natural sciences. There are two main branches of geography: **human geography** and **physical geography**. **Human geography** is concerned with the spatial aspects of human existence. **Physical geographers** study patterns of climates, landforms, vegetation, soils, and water. Geographers use many tools and techniques in their work, and **geospatial technologies** are increasingly important for understanding our complex world. They include **Geographic Information Systems (GIS)**, **Remote Sensing**, **Global Positioning Systems (GPS)**, and **online mapping** such as Google Earth.

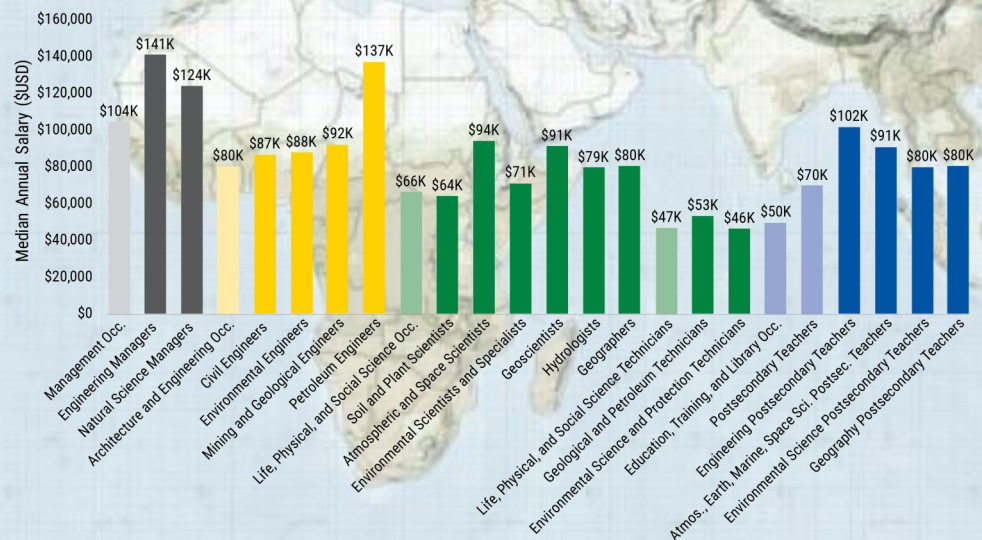
— AAG (American Association of Geographers)

## What geographers do?

- Meteorologist
- Climatologist
- Natural Resource Manager
- Market Researcher
- Environmental Economist
- Policy Consultant
- Urban and Regional Planner
- Natural Hazards Analysts and Manager
- Sustainability Manager
- Cartographer
- Geospatial Technology Specialist
- Geo-intelligence Specialist
- International Development Specialist
- Humanitarian Affairs Consultant
- Logistics Manager
- Journalist
- ...

Check out more at [http://www.aag.org/what\\_geographers\\_do](http://www.aag.org/what_geographers_do)

Median Annual Salaries of Geoscience Occupations, 2018



AGI Geoscience Workforce Program; Data derived from the U.S. Bureau of Labor Statistics, Occupational Employment Statistics 2018

YOU REALLY DO KNOW WHERE YOU WANT TO GO.

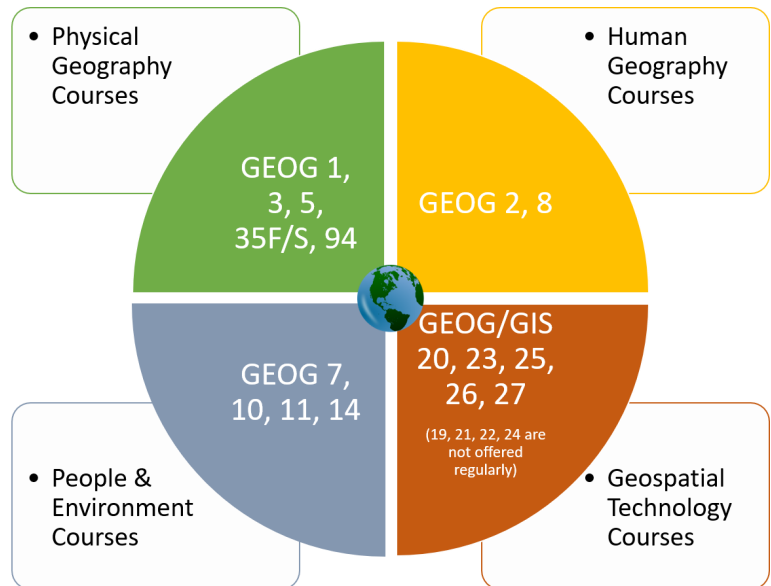
# GEOGRAPHY

CAN TAKE YOU THERE.

## **COURSES:**

All classes (EXCEPT GIS) meet IGETC and GE transfer requirements. Courses are not sequential; there are no pre-requisites unless indicated.

- GEOG 1: Physical Geography
- GEOG 2: Introduction to Human Geography
- GEOG 3: Weather and Climate
- GEOG 5: Physical Geography with a Lab
- GEOG 7: Introduction to Environmental Studies
- GEOG 8: Introduction to Urban Studies
- GEOG 10: Living in a Hazardous Environment
- GEOG 11: World Geography
- GEOG 14: Geography of California
- GIS 19: GIS for Business
- GEOG/GIS 20: Introduction to Geospatial Information Systems
- GIS 21: GIS for Law Enforcement
- GIS 22: GIS for Disaster Management
- GEOG/GIS 23: Intermediate GIS
- GEOG 24: Geospatial Imagery — Maps for the 21st Century
- GEOG 25: Introduction to Cartography
- GEOG 26: Introduction to Remote Sensing
- GEOG 35F: Field Study California
- GEOG 35S: Geography Field Studies
- GEOG/GEOL 94: Introduction to Geoscience Field Methods



## **DEGREES AND CERTIFICATES:**

- ASSOCIATE IN ARTS FOR TRANSFER (AA-T) - GEOGRAPHY (18 units + General Education Requirements)
- GEOSPATIAL TECHNOLOGY DEPARTMENT CERTIFICATE (15 units)

## **FACULTY CONTACT INFORMATION:**

Professor Vicki Drake (Physical Geography): [DRAKE\\_VICKI@SMC.EDU](mailto:DRAKE_VICKI@SMC.EDU), Drescher Hall 314M, 310-434-8652

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Professor Jing Liu (Geospatial Technologies): [LIU\\_JING@SMC.EDU](mailto:LIU_JING@SMC.EDU), Drescher Hall 314K, 310-434-4707