



### WHAT IS GEOLOGY?

Geology is an Earth Science that studies the physical structure, evolutionary history and dynamics, and also the organisms inhabiting the Earth. Geology investigates the natural and scientific processes such as earthquakes, volcanic eruptions, landslides, etc. and how these processes have affected our planet throughout its history.

#### INTERESTS

*(THINGS YOU LIKE TO DO)*

- Working and being outdoors
- Observing nature
- A sustainable and environmentally friendly lifestyle
- Conducting scientific experiments
- Synthesizing data
- Coordinating data and resources



#### SKILLS

*(THINGS YOU WILL LEARN & USE)*

- Analytical skills
- Data collection
- Flexibility
- Physical fitness
- Observation skills
- Report writing
- Critical thinking
- Basic engineering principles
- Mapping techniques

### LAVC DEGREES & CERTIFICATES OFFERED

The Geology major is housed within the Earth Science Department at Los Angeles Valley College. Students receive an introduction to the geological history of Earth. Topics include how Earth processes produce and alter landforms; climate, and energy and water resources on which humans depend; significant tectonic events such as mountain building episodes; and the evolutionary history of life on Earth, including plants, fish, dinosaurs, mammals, and humans. LAVC offers the following degrees:

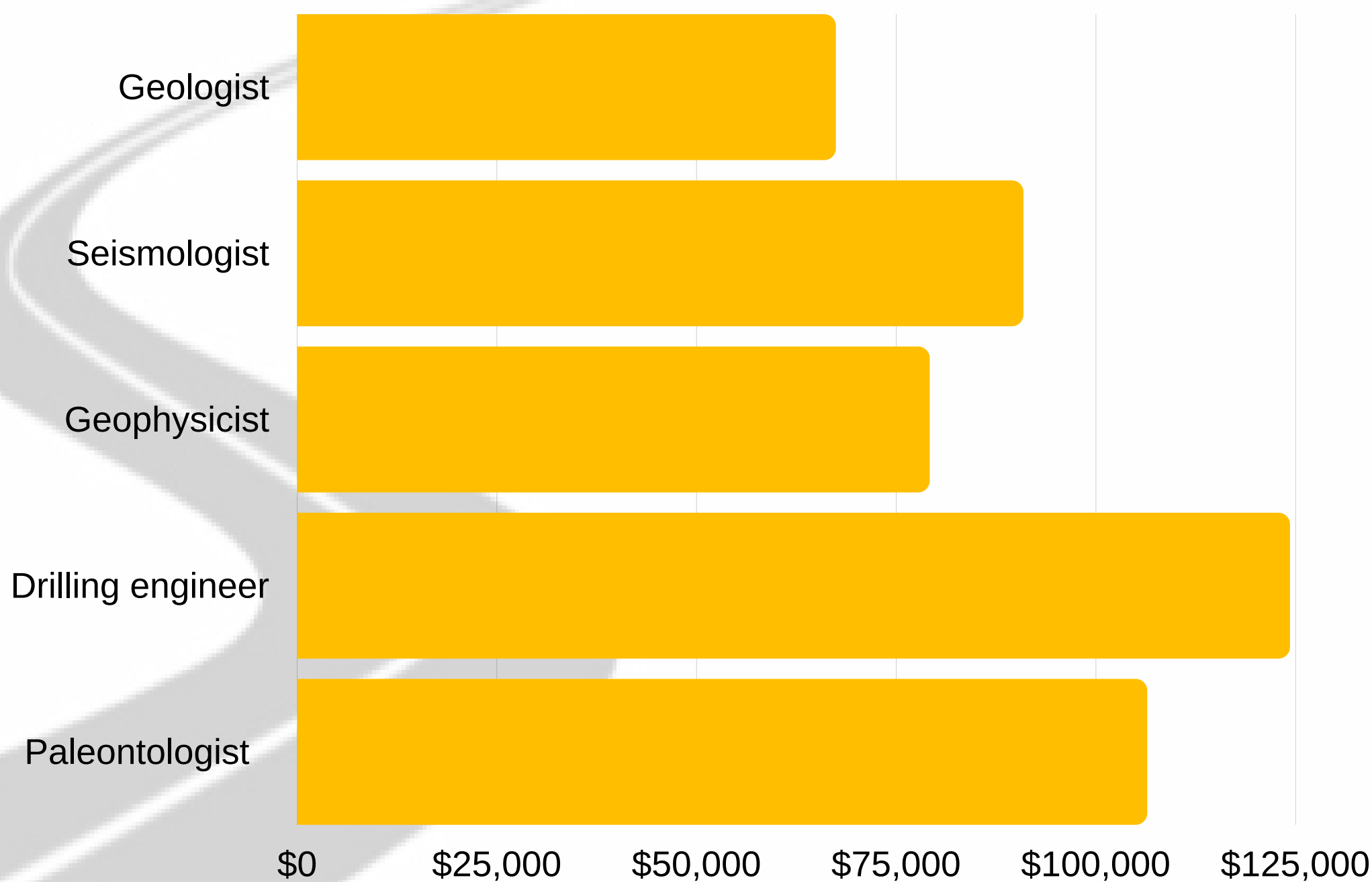
- **Associate of Science for Transfer (AS-T) in Geology**
- **Associate of Science (AS) in Geology**

### TRANSFER RELATED MAJORS

- **CSU East Bay:** Geoscience Education
- **Fresno State:** Geology
- **CSU Fullerton:** Geology
- **CSU San Bernardino:** Geology - Field & Applied Geology
- **San Diego State:** Geological Science - Environmental Science and Paleontology
- **CSU Stanislaus:** Geology - Applied Geology
- **CSU Los Angeles:** Geology - Environmental Science
- **CSU Northridge:** Geology - Geophysics
- **Cal Poly Pomona:** Geology
- **UC Berkeley:** Geology
- **UC Los Angeles:** Engineering Geology
- **UC Riverside:** Geology
- **UC Davis:** Geology
- **UC Santa Barbara:** Earth Science - Geology
- **UC Santa Cruz:** Earth Science - Environmental Geology



EARNINGS\*



\*Earnings can vary by occupation and experience. The following are median wages as of 2018 in California based on CaliforniaCareerZone.org

FOR MORE INFORMATION

- [www.lavc.edu/transfer](http://www.lavc.edu/transfer)
- [https://www.lavc.edu/earthscience/degrees-certificates/Geology-\(AS-T\).aspx](https://www.lavc.edu/earthscience/degrees-certificates/Geology-(AS-T).aspx)
- [www.lavc.edu/transfer/majors/default.html](http://www.lavc.edu/transfer/majors/default.html)
- [www.assist.org](http://www.assist.org)
- [www.eureka.org](http://www.eureka.org)
- [www.cacareerzone.org](http://www.cacareerzone.org)
- [www.onetonline.org](http://www.onetonline.org)
- <http://degrees.calstate.edu/>
- [https://admission.universityofcalifornia.edu/counselors/files/undergraduate\\_majors\\_list.pdf](https://admission.universityofcalifornia.edu/counselors/files/undergraduate_majors_list.pdf)

RELATED OCCUPATIONS

- Geologist
- Seismologist
- Hydrogeologist
- Geochemist
- Drilling engineer
- Hyrdrogeologist
- Geophysicst
- Paleontologist
- Mudlogger



POTENTIAL EMPLOYERS

- Oil companies
- Mining field
- Forest services
- Construction companies
- Government agencies
- Environmental protection agencies
- Non-profits
- Colleges/universities

This general information is provided by the LAVC Career/Transfer Center. For specific information about majors and careers please make an appointment to see a counselor either online, in person at the Counseling Department (Student Services Annex) or by phone at (818) 947-2474.