



WHAT IS EARTH SCIENCE?

Earth Science is the study of the physical world around us and the evolution of the planet we live on. Earth Science is a major for students who have a broad interest in the areas of physical, earth, and applied sciences or specialized technical areas such as mapping, geographic information systems, global positioning system, geo-spatial analysis, and remote sensing. Students will learn to apply the scientific inquiry process to problem solving and demonstrate knowledge of and recognize the processes that explain natural phenomena.

INTERESTS

(THINGS YOU LIKE TO DO)

- Conducting research
- Conducting scientific experiments
- Love for animals or plants
- Interest in the medical field
- Curiosity about the natural world



SKILLS

(THINGS YOU WILL LEARN & USE)

- Analytical and critical thinking
- Organization
- Attention to detail
- Investigative skills
- Problem solving
- Quantitative/Research
- Written communication

LAVC DEGREES & CERTIFICATES OFFERED

The Earth Science major is housed under the Department of Earth Science at Los Angeles Valley College. Students will gain an understanding of physical processes in the environment and in the universe. They will foster an appreciation for the environment and the impact of humans on the environment LAVC offers the following degree:

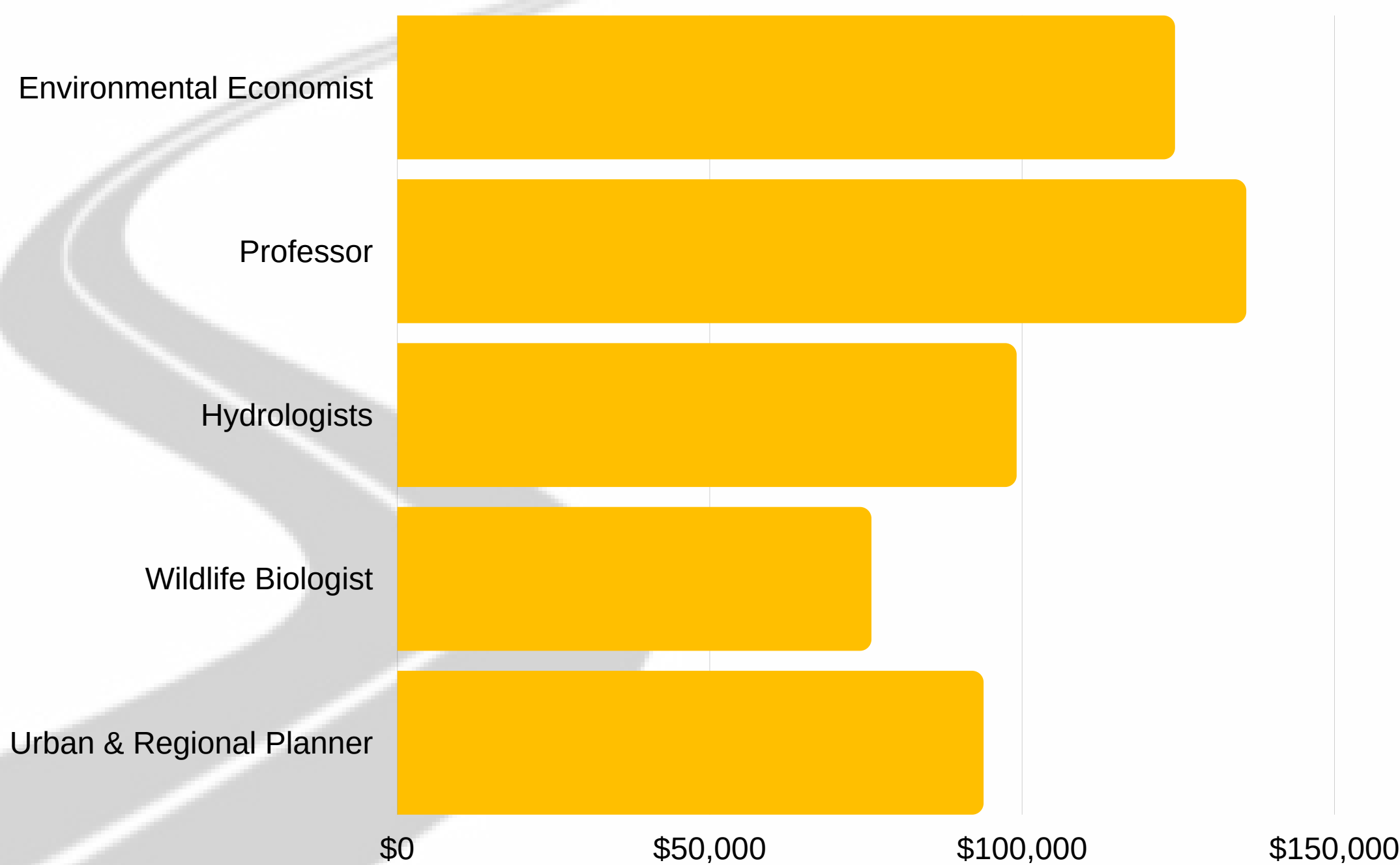
- **Associate of Science (AS) in Earth Science**

TRANSFER RELATED MAJORS

- **CSU Dominguez Hills:** Earth Science
- **CSU Fullerton:** Earth Science
- **CSU Long Beach:** Earth Science
- **CSU Fresno:** Natural Sciences
- **San Francisco:** Earth Sciences
- **Cal Poly San Luis Obispo:** Environmental Earth and Soil Sciences - Geology or Hydrology
- **San Jose State:** Earth Science
- **CSU Stanislaus:** Liberal Studies - Earth Sciences
- **Sonoma State:** Earth Science
- **UC Riverside:** Earth Sciences
- **UC Los Angeles:** Earth and Environmental Science
- **UC San Diego:** Earth Science, Environmental Systems - Earth Sciences
- **UC Santa Barbara:** Earth Sciences
- **UC Santa Cruz:** Environmental Studies/Earth Sciences



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
- <https://www.lavc.edu/earthscience/index.aspx>
- <http://www.lavc.edu/transfer/majors/default.html>
- www.assist.org
- www.eureka.org
- www.cacareerzone.org
- www.onetonline.org
- <http://degrees.calstate.edu/>
- https://admission.universityofcalifornia.edu/counselors/files/undergraduate_majors_list.pdf

RELATED OCCUPATIONS

- Forester
- Parks and recreation specialist
- Environmental economist
- Environmental educator
- Utility corridor planner
- Urban or regional planner
- Wildlife biologist
- Land use planner
- Natural resource assistant
- Biological control specialist
- Wildlife preserve manager



POTENTIAL EMPLOYERS

- Environmental protection agency
- Department of agriculture
- Agriculture research service
- Department of agriculture
- Research laboratories
- Universities/colleges
- Manufacturing firms
- Public utilities
- Oil companies
- Fish and wildlife service
- Bureau of land management

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.