



WHAT IS BIOLOGY?

Biology is a natural science that is concerned with the study of life and living organism including their structure, chemical processes, molecular interactions, physiological mechanisms, development, and evolution. There are many general fields of biology, which include: Biochemistry, Botany, Cellular Biology, Ecology, Evolutionary Biology, Genetics, molecular biology, physiology, and zoology.

LAVC DEGREES & CERTIFICATES OFFERED

The biology major is housed under the Biological Sciences department at Los Angeles Valley College. Almost every course in Biology has a lab component. This is where skills are learned, practiced and perfected. Students often work in small groups giving you the opportunity to grow in your leadership, teamwork and interpersonal capacities. LAVC offers the following degrees:

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

TRANSFER RELATED MAJORS

- **CSU Dominguez Hills:** Biology - option in Cellular and Molecular Biology, Ecology and Environmental Biology, or Microbiology
- **CSU Long Beach:** Biology - option in Biology Education, Molecular Cell Biology and Physiology, Organismal Biology, Microbiology, Marine Biology
- **CSU Los Angeles;** Biology and Microbiology
- **CSU Northridge:** Biology - option in Cellular and Chemistry Biology, Ecology and Evolutionary Biology, Biotechnology/Medical technology, Marine Technology, Microbiology
- **UC Berkeley:** Biology
- **UC Irvine:** Biochemistry ad Molecular Biology, Biological Sciences, Biology/Education, Biomedical Engineering
- **UC Los Angeles:** Biology, Integrative Biology
- **UC San Diego:** Biology - option in General Biology, Human Biology, Microbiology, Molecular and Cell Biology

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



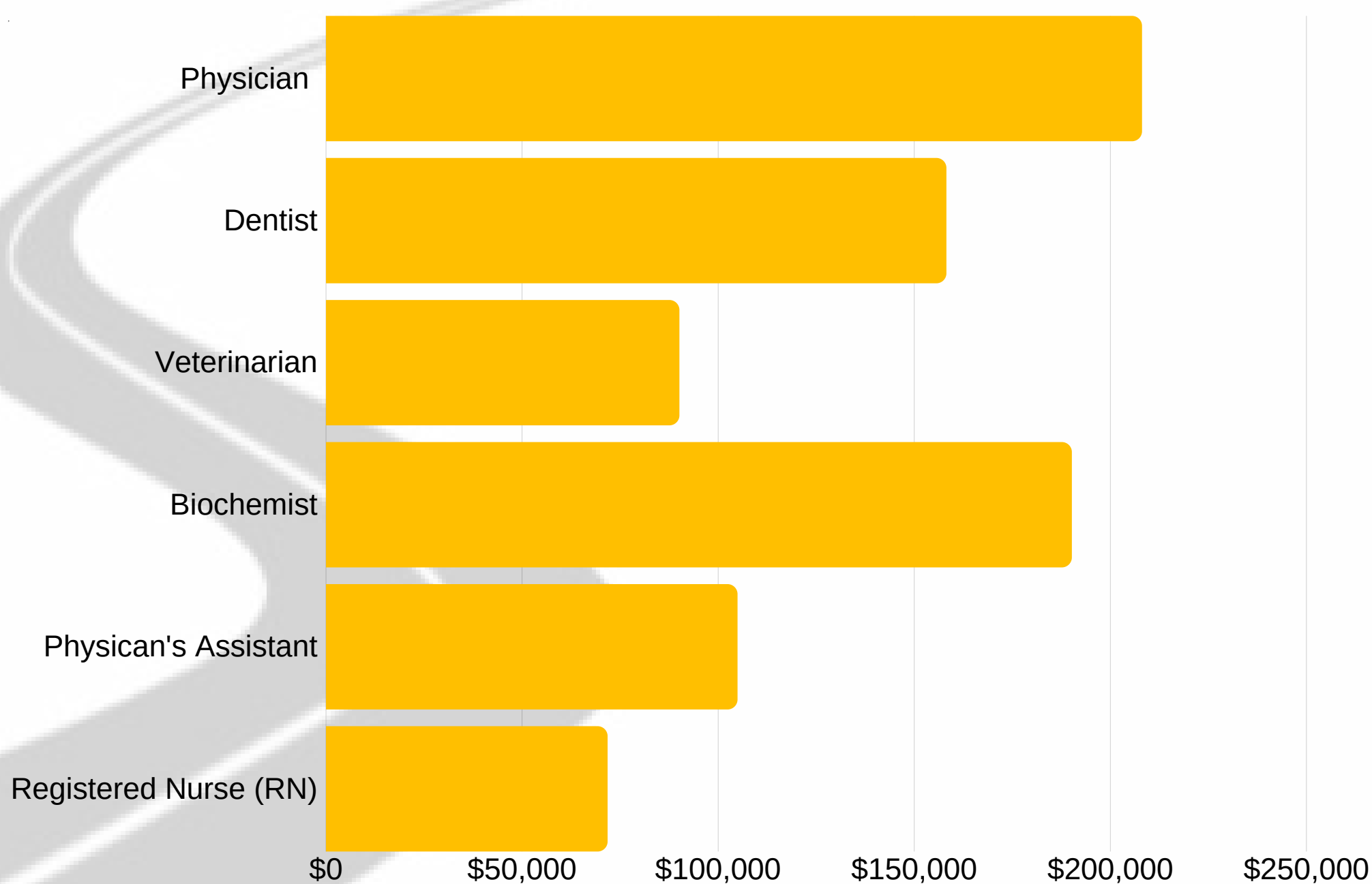
SKILLS

(THINGS YOU WILL LEARN & USE)

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



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
- www.lavc.edu/biology/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

- Physician
- Dentist
- Pharmacist
- Physician's assistant
- Veterinarian
- Biochemist
- Registered nurse
- Medical laboratory assistant
- Pharmaceutical sales representative



POTENTIAL EMPLOYERS

- Hospitals
- Laboratories
- Medical offices
- Colleges and Universities
- Pharmacies
- Pharmaceutical companies
- Research companies

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.