

LIFE SCIENCES & BIOTECHNOLOGY

San Diego County 2022



DID YOU KNOW?

San Diego has consistently ranked as one of the top 10 regions in the country for Life Sciences innovation. Life Sciences and Biotechnology is a sector comprised of professional, scientific and technical industries that involve the scientific study of living organisms.



6% (4,054)

5-year projected
job growth



\$190,668

average earnings
per job



Sample of Local Employers

Abbott

Beckman Coulter

Becton, Dickinson
and Company (BD)

Genentech

Illumina

Kite-Gilead

Lab Corp

SeaSpine, Inc.

Pfizer

Thermo Fisher
Scientific

ARE YOU INTERESTED IN...?

- Using computers and computer systems to analyze information and evaluate results
- Observing, receiving, and obtaining information from relevant sources
- Collecting, documenting, and recording data
- Conducting tests and seeing results
- Using reasoning to produce answers that make sense to a specific problem
- Researching and performing experiments using the latest technologies

DO YOU...?

- Enjoy solving puzzles
- Enjoy working hands-on with materials
- Use information to form general rules or conclusions
- Enjoy making hypotheses and proving them right or wrong
- Wonder how the world is put together



CAREER PATHWAYS & SALARY INFO

Minimum Education	Career Pathways	Hourly Rate (Salary)*
HS Diploma + Postsecondary Training (e.g., Certificate)	Medical Appliance Technicians	\$14 (\$29K)
	Inspectors, Testers, Sorters, Samplers, and Weighers	\$18 (\$37K)
	Chemical Equipment Operators and Tenders	\$19 (\$40K)
	Chemical Plant and System Operators	\$20 (\$42K)
Associate Degree or Higher	Chemical Technicians	\$18 (\$37K)
	Biological Technicians	\$18 (\$37K)
	Microbiologists	\$30 (\$62K)
	Chemical Engineers	\$42 (\$87K)

*Entry-level hourly rates have been rounded up and salaries are provided as examples of what workers would make if they worked full-time (2080 hours a year)

NOT SURE WHAT YOU'RE INTERESTED IN?

Take the Interest Profiler on the California Career Zone (<https://www.cacareerzone.org/ip/>)! It will help you explore goals based on your interests. A career counselor at your school can help you further assess your career interests.

HOW TO FIND OUT MORE ABOUT CAREERS

- Talk to your teachers and counselors about career exploration, career pathways at your school, and community college career education programs.
- Talk to family, neighbors, and mentors about their education path and about how they chose their career.
- To find the programs at the community colleges that align to the high school CTE pathways, visit <https://programfinder.com/>.
- To learn about the career education programs offered at the community colleges, visit <https://careered.org/college-program-finder/>.



Visit [CareerEd.org](https://careered.org) to find community college programs in Life Sciences & Biotechnology.