

LIFE SCIENCES & BIOTECHNOLOGY

San Diego County



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.



12% (10,082)

5-year projected job growth



\$184,422

average earnings per job



Sample of Local Employers

- Abbott Laboratories
- Aquillius Corporation
- Beckton, Dickenson and Company (BD)
- Bristol Meyers Squibb
- Genentech, Inc.
- Grifols, S.A.
- Illumina, Inc.
- Kite Pharma a Gilead Company
- Laboratory Corporation of America
- Pfizer, Inc.
- SeaSpine, Inc.
- Thermo Fisher Scientific, Inc.

ESSENTIAL SKILLS:

- Using science to collect and analyze information
- Active listening
- Documenting and recording information
- Solving problems
- Inspecting and repairing equipment
- Working with others
- Researching/creating new knowledge
- Critical thinking
- Conducting lab tests/experiments
- Using information to draw conclusions
- Working with your hands
- Working with software
- Detail oriented
- Customer service

SPECIALIZATIONS:

- Lab Technicians
- Bioscientists
- Chemists

DID YOU KNOW?

MiraCosta College offers a Bachelor's Degree in Biomanufacturing. **Learn more here:**





CAREER PATHWAYS & SALARY INFO

Minimum Education	Career Pathways	Hourly Rate (Salary)*
HS Diploma + Postsecondary Training (e.g., Certificate)	Inspectors, Testers, Sorters, Samplers, and Weighers	\$18 (\$37K)
	Medical Appliance Technicians	\$18 (\$37K)
	Ophthalmic Laboratory Technicians	\$18 (\$37K)
	Chemical Equipment Operators and Tenders	\$19 (\$40K)
Associate Degree or Higher	Chemical Technicians	\$20 (\$42K)
	Chemists	\$31 (\$64K)
	Bioengineers and Biomedical Engineers	\$39 (\$81K)
	Biochemists and Biophysicists	\$44 (\$92K)
	Sociologists	\$44 (\$92K)
	Physicists	\$56 (\$116K)

*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/>)! It will help you explore goals based on your 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 learn more about the career education programs offered at the community colleges or to find the programs that align to the high school CTE pathways or adult schools, visit <https://careered.org/k14-program-finder/>.



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