

**Community Colleges in the Northern California Bay Area
Biotechnology Center region that offer Biotechnology and Biological
Sciences degrees and certificates**

East Bay

College of Alameda

College of Alameda is one of the California Community Colleges that offers all the basic science and math courses for a career in the biosciences though currently not offering a specific biotechnology course or program.

(510) 522 -7221
555 Atlantic Avenue
Alameda, CA. 94501
www.alameda.edu

Berkeley City College

Biotech Program > [http://www.berkeley.peralta.edu/apps/comm.asp?\\$1=10172](http://www.berkeley.peralta.edu/apps/comm.asp?$1=10172)

Berkeley City College offers a two year AS Degree in Biotechnology and Certificate of Achievement in Biotechnology that provides integrated academic and occupational instruction to prepare students for entry-level employment as bioscience technicians. A Certificate of Proficiency in Biotechnology can be completed in one semester, including an academic skills assessment and individual educational plan.

(510) 981 - 2800
2020 Milvia Street
Berkeley CA 94704-1183
www.berkeley.peralta.edu

Chabot College

Chabot College is one of the California Community Colleges that offers all the basic science and math courses for a career in the biosciences though currently not offering a specific biotechnology course or program.

(510) 723 - 6600
25555 Hesperian Blvd PO Box 5001
Hayward CA 94545-5001
www.chabotcollege.edu

Contra Costa College

Biotech Program > <http://www.contracosta.edu/legacycontent/biotechnology/>

Contra Costa College offers the following degrees in Biotechnology:

- AS in Biotechnology
- Certificate of Completion Biotechnology
- Certificate of Achievement: Bio-Manufacturing
- Certificate of Accomplishment Applied Biotechnology

The Biotechnology program at Contra Costa College offers students extensive hands-on experience with many experimental approaches and a variety of sophisticated instruments currently being used in different biotechnology companies. In addition, students have the opportunity to meet and learn from professional scientists working in the Biotechnology industry. Students also learn good manufacturing practices (GMP) documentation and job search skills.

(510) 235 - 7800
2600 Mission Bell Drive
San Pablo CA 94806-3195
www.contracosta.cc.ca.us

Diablo Valley College

Diablo Valley College is one of the California Community Colleges that offers all the basic science and math courses for a career in the biosciences though currently not offering a specific biotechnology course or program.

(925) 685 - 1230
321 Golf Club Road
Pleasant Hill CA 94523-1544
www.dvc.edu

Las Positas College

Las Positas College is one of the California Community Colleges that offers all the basic math and science courses for a career in the biosciences though currently not offering a specific biotechnology course or program.

(925) 373 - 5800
3033 Collier Canyon Road
Livermore CA 94550-7650
www.laspositascollege.edu

Laney College

Biotech Program > http://www.laney.edu/wp/biology/?page_id=75

Laney College offers a Certificate of Achievement and a Certificate of Proficiency in Biomanufacturing. The Biomanufacturing Program provides students with the necessary training in the basic skills of biology, biomanufacturing, chemistry and math, as well as an introduction to biomanufacturing careers. Each Certificate prepares the student to work as an entry-level technician in the manufacturing component of the biotechnology industry.

(510) 834 - 5740
900 Fallon Street
Oakland CA 94607-4893
www.laney.peralta.edu

Los Medanos College

Los Medanos College is one of the California Community Colleges that offers all the basic science and math courses for a career in the biosciences though currently not offering a specific biotechnology course or program.

(925) 439 - 2181
2700 East Leland Road
Pittsburg 94565 5197
www.losmedanos.net

Merritt College

Bioscience Microscopy Program >
<http://www.merritt.edu/apps/comm.asp?%241=40718>

Merritt College is one of the California Community Colleges that offers courses in biotechnology in addition to the basic science and math courses for a career in the biosciences. Merritt has instituted a new program for a Certificate in Bioscience Microscopy. Please consult the college catalogue and current schedule for course descriptions and more information.

(510) 981 - 2800
12500 Campus Drive
Oakland CA 94619-3196
www.merritt.edu

Ohlone College

Biotech Program > <http://www.ohlone.edu/instr/biotech/>

Ohlone College offers the following Biotechnology Degrees and Certificates:

Associate of Science (A.S.) Degree

- **Biotechnology, A.S. Degree:** This AS Degree is designed to train students in the methods and techniques used in biotechnology. Students in this degree program complete the biotechnology science core courses and a number of electives. Courses in this program train students in standard biotechnology laboratory techniques and record keeping. The program prepares students for entry-level positions in biomanufacturing and pharmaceutical manufacturing positions.

Certificates of Achievement

- **Biotechnology: Bio-Manufacturing Certificate of Achievement:** This certificate program provides students with an excellent preparation in various protocols and hands-on laboratory skills used in many biotechnology companies. A goal of the program is to prepare students for entry-level positions in biotech and pharmaceutical companies. This certificate prepares students as laboratory research assistants and biomanufacturing technicians. It provides excellent preparation in laboratory skills used in entry-level positions at many biotechnology and pharmaceutical companies.
- **Biotechnology: Bio-Statistics Certificate of Achievement:** This certificate is designed to train students in methods and techniques used in biotechnology statistical analysis. Courses in this program train students in DNA and protein laboratory techniques and assays, laboratory record keeping, sterile techniques, and mathematical analysis of laboratory outcomes.
- **Biotechnology: Cell Production / Fermentation Certificate of Achievement:** This certificate is a program designed to train students in the methods and techniques used in biotechnology, with emphasis on cell production used in manufacturing settings. Courses in this program train students in DNA and protein laboratory techniques and assays, laboratory record keeping, sterile techniques, and cell-culturing techniques.
- **Biotechnology: Quality Control / Research Associate Certificate of Achievement:** This certificate is designed to train students in methods and techniques used in biotechnology QA/QC and research settings. Courses in this program train students in DNA and protein laboratory techniques and assays, laboratory record keeping, sterile techniques, advanced PCR procedures, and genomic/cDNA library construction and analytical skills.

Certificate of Accomplishment

- **Biotechnology: Computer Applications in Biotechnology Certificate of Accomplishment:** The field of computer applications in biotechnology is a complex hybrid of two distinct scientific disciplines—computer technology and bioscience. This certificate is designed to provide an understanding of bioinformatics and other computer related subjects to students with some computer and/or life science background. The program is useful for students who desire to explore this new information science in which computers help to simulate, visualize, and analyze genetic and biological information. It also provides an introduction to the fundamental scientific and computational

concepts, methods, and tools central to the growing field of computer applications in biotechnology.

(510) 659 - 6000
43600 Mission Boulevard
Fremont CA 94539-0911
www.ohlone.edu

Monterey Bay

Cabrillo College

Cabrillo College is one of the California Community Colleges that offers all the basic science and math courses for a career in the biosciences though currently not offering a specific biotechnology course or program.

(831) 479 - 6100
6500 Soquel Drive
Aptos CA 95003-3119
www.cabrillo.edu

Monterey Peninsula College

Monterey Peninsula College is one of the California Community Colleges that offers all the basic science and math courses for a career in the biosciences though currently not offering a specific biotechnology course or program.

(831) 646 - 4000
980 Fremont Street
Monterey CA 93940-4799
www.mpc.edu

North Bay

College of Marin

College of Marin is one of the California Community Colleges that offers all the basic math and science courses for a career in the biosciences though currently not offering a specific biotechnology course or program.

(415) 485 - 9502
835 College Avenue
Kentfield CA 94904-2590
www.marin.edu

Napa Valley College

Napa Valley College is one of the California Community Colleges that offers all the basic science and math courses for a career in the biosciences though currently not offering a specific biotechnology course or program.

(707) 253 - 3000
2277 Napa Vallejo Highway
Napa CA 94558-6236
www.napavalley.edu

Santa Rosa Junior College

Santa Rosa Junior College is one of the California Community Colleges that offers all the basic science and math courses for a career in the biosciences though currently not offering a specific biotechnology course or program.

(707) 527-4011
1501 Mendocino Avenue
Santa Rosa CA 95401-4395
www.santarosa.edu

Solano Community College

Biotech Program > http://www.solano.edu/degrees/catalog_200304/biotechnology.htm

Solano College offers Biotechnology Production Technician AS Degree and Certificate of Achievement. The program prepares graduates to work in the biotechnology industry as production technicians, who will operate and maintain the equipment used to manufacture protein pharmaceutical products. Students will grow bacterial, yeast, and mammalian cells and recover the proteins that they produce. They follow good manufacturing practices by maintaining records in order to comply with quality assurance procedures and government regulations.

(707) 864-7000
4000 Suisan Valley Road
Fairfield, CA 94534
www.solano.edu

Peninsula

Cañada College

Chemical Technology Program >
<http://www.canadacollege.edu/academics/degrees/chemlabtech.html>

Cañada College is one of the California Community Colleges that offers all the basic science and math courses for a career in the biosciences. Canada College offers an AS degree in Chemical Laboratory Technology and also a Certificate of Achievement.

(650) 306 - 3100
4200 Farm Hill Boulevard
Redwood City CA 94061-1099
www.canadacollege.net

City College of San Francisco

Biotech Program > http://www.ccsf.edu/Departments/Biotech_Training/

City College of San Francisco offers an AS Degree in Biotechnology as well as seven Certificate programs, as follows:

- **AS Degree in Biotechnology:** Specialized training for employment as bio-technicians in research, design, manufacturing, operation, maintenance, testing, or sales.
- **Biotechnology Lab Assistant Certificate:** Entryway certificate program to prepare students for jobs as media prep technicians, laboratory aids or laboratory safety monitors.
- **Biomanufacturing Certificate:** Prepare students to work at a biotech company as a biomaufacturing technician in quality control, quality assurance, process development, or research and development.
- **Biotechnology Certificate** (builds on BioManufacturing): Prepare students to work at a biotech company as a technician in quality control, research and development, or biomanufacturing
- **Stem Cell Technology Certificate:** Prepare students for a research or clinical cell biology position working with mammalian cells and tissue culture.
- **Bioprocess Instrumentation and Control Certificate:** Prepare students to gain skills necessary to maintain, repair, upgrade and validate process control equipment in the biotechnology industry.
- **Genomics Technology Certificate:** Prepare students for employment in the research areas of genomics and proteomics.
- **Bridge to Biological Sciences:** Entry way for students with little or no science background.

City College of San Francisco also hosts “Bio-Link,” a National Science Foundation-funded Advanced Technology Education Center of Excellence focused on improving Biotechnology Education for community colleges throughout the United States. Bio-Link is committed to program improvement, instructor enhancement, communication, program assistance and improving school-to-career activities in Biotechnology. See: www.bio-link.org

1855 Folsom St., Suite 643
San Francisco, CA 94103

(415) 239 - 3000
50 Phelan Avenue, E200
San Francisco CA 94112-1898
www.ccsf.edu

College of San Mateo

Biotechnology Program >

<http://www.smccd.net/accounts/csmmathscience/biology/biotechnology.html>

The College of San Mateo offers a Biotechnology Major an Associate of Science Degree in Life Sciences, as well as a Certificate of Completion in Biotechnology.

(650) 574 - 6161
1700 West Hillsdale Boulevard
San Mateo CA 94402-3784
www.collegeofsanmateo.edu

Skyline College

Biotech Program >

<http://www.skylinecollege.edu/programsofstudy/sciencemathtech/biotech.html>

Skyline College offers an AS Degree with a Major in Biotechnology as well as an Entry Level Biomanufacturing Certificate. Skyline's biotechnology programs prepare students to work in the bioscience industry in the areas of research and development, quality systems, production, clinical testing, and diagnostic work. Potential employers include biotechnology and pharmaceutical companies, as well as clinical laboratories in hospitals, universities, government, and independent settings. Graduates of community college biotechnology programs may obtain entry level work in the bioscience industry and may advance rapidly with on-the-job experience and continued academic work.

(650) 738-4100
3300 College Drive
San Bruno CA 94066-1662
www.skylinecollege.net

South Bay

DeAnza College

Medical Laboratory Technician Program > <http://www.deanza.edu/mlt/>

DeAnza College is one of the California Community Colleges that offers all the basic science and math courses for a career in the biosciences. De Anza College offers a Medical laboratory Technician (MLT) Associate of Arts degree and a Certificate of Achievement-Advanced level.

(408) 864 - 5678
21250 Stevens Creek Boulevard
Cupertino CA 95014-5797
www.deanza.fhda.edu

Evergreen Valley College

Evergreen Valley College is one of the California Community Colleges that offers courses in biotechnology in addition to the basic science and math courses for a career in the biosciences. Please consult the college catalogue and current schedule for course description and more information.

(408) 274 -7900
3095 Yerba Buena Road
San Jose CA 95135-1598
www.evc.edu

Foothill College

Biotech Program > <http://www.foothill.edu/bio/programs/biotech/>

Foothill College is one of the California Community Colleges that offers courses in biotechnology in addition to the basic science and math courses for a career in the biosciences. Please consult the college catalogue and current schedule for course descriptions and more information.

(650) 949 - 7777
12345 El Monte Road
Los Altos Hills CA 94022-4599
www.foothill.fhda.edu

Mission College

Mission College is one of the California Community Colleges that offers all the basic science and math courses for a career in the biosciences though currently not offering a specific biotechnology course or program.

(408) 988 - 2200
3000 Mission College Boulevard
Santa Clara CA 95054-1897
www.missioncollege.org

San Jose City College

San Jose City College is one of the California Community Colleges that offers courses in biotechnology in addition to the basic science and math courses for a career in the biosciences. Please consult the college catalogue for course descriptions and more information.

(408) 298 - 2181
2100 Moorpark Avenue
San Jose CA 95128-2799
www.sjcc.edu

West Valley College

West Valley College is one of the California Community Colleges that offers all the basic science and math courses for a career in the biosciences though currently not offering a specific biotechnology course or program.

(408) 86 7- 2200
14000 Fruitvale Avenue
Saratoga CA 95070-5699
www.westvalley.edu