



What Can I Do With a Major in **CHEMISTRY**?

Below is a list of job titles, employers and graduate schools that Harvey Mudd College chemistry alumni have chosen in the last five years.

Job Titles

General Education Instructor
Lab Technician
Production Scientist
Research Associate
Research Technician
Sales Engineer
Support Scientist

Employers

Contour Energy Systems
Counsyl
E. & J. Gallo Winery
Intellectual Ventures
John McNeil & Company
Medtronic
Pacific Northwest National Laboratory
Park Systems
Peace Corps (Volunteer)
San Joaquin Valley College
Teach for America
University of California, Los Angeles

Graduate Schools

California Institute of Technology
City of Hope
Colorado School of Mines
Columbia University
Duke University
Georgia Institute of Technology
Harvard University
Hofstra North Shore-LIJ School of
Medicine at Hofstra University
Massachusetts Institute of Technology
Northwestern University
Princeton University
Scripps Research Institute
Stanford University
University of California, Berkeley
University of California, Davis
University of California, Riverside
University of California, San Diego
University of California, Santa Barbara
University of Colorado, Boulder
University of Illinois,
Urbana-Champaign
University of North Carolina
University of Southern California
University of Texas at Austin
University of Washington
University of Wisconsin, Madison
Washington University, St. Louis
Yale University

Starting Salary Summary

Average Salary
\$55,000 – 59,999

Summer Employers

California Institute of Technology
(SURF Program)
Colorado State University (Chemistry
REU)
Seoul National University*
UC Santa Barbara (Mechanical
Engineering Lab)
UC Santa Barbara (RISE)
University of Michigan*

**companies that hired for first-year
students*

Average Summer Wages

First-year
\$4,633 stipend
Sophomore
\$4,225 stipend
Junior
\$4,125 stipend



Student Affairs
Office of Career Services

Here are just a few areas that may interest to a chemistry major.

Area	Employers
ANALYTICAL Research and development Analysis and testing Consulting Environmental Forensics	Federal, state and local government Federal agencies (e.g., NASA) Manufacturing firms (e.g., textile, petroleum, food, electronics, machinery, cosmetics, paint, drug and chemical industries) Industrial production and inspection agencies Research laboratories and organizations Environmental protection organizations Colleges and universities
BIOCHEMICAL Research and development Analysis and testing Consulting Quality control Medical Environmental Industrial health and safety Hospital administration	Federal, state and local government (e.g., Centers for Disease Control) Research laboratories Pharmaceutical and medical research firms Biotechnology firms Agricultural companies Plant growers and animal breeders Food processors Industrial production and inspection agencies Environmental protection organizations Colleges and universities
ORGANIC Research and development Quality control Consulting	Federal and state government Related industries in petroleum, coal, wood products and plastics Manufacturing firms developing new synthetic materials and new production processes Research organizations Cosmetics companies Engineering firms Hospitals and medical clinics Colleges and universities

What You Can Do Now

- Find research opportunities with professors and other experts in the field to gain experience.
- Develop strong computer, mathematics and science skills.
- Obtain part-time, volunteer, internship or summer experience.
- Take additional courses in biology, biochemistry, molecular biology, genetics, cytology and physiology.
- Obtain practical experience using various laboratory equipment and high-tech scientific equipment.
- Complete an undergraduate research project.
- Consider electives in computer science, engineering, business, public speaking and writing.
- Join related student professional organizations.

What You Can Do After Graduation

- An undergraduate degree is sufficient for entry-level positions such as lab coordinator, research assistant, product tester, analysis technician, technical sales representative or service representative.
- A master's degree is sufficient for most applied research positions, industrial work and some community college teaching.
- Advanced degrees help speed career advancement.
- A PhD is required for university teaching and advanced positions in management and research and development. Postdoctoral experience is preferred for research positions in industry, universities and government.