

What you can do with a degree in

Chemistry

 CENTER FOR CAREER & CALLING

The following is a sample of occupational titles and work settings related to Chemistry.

Keep in mind that career options are not dictated solely by choice of major.

Just as there are many careers open to graduates of any major, there are many paths to careers that do not require a specific degree. Use this information as a beginning guide to exploring options.

Sample Job Titles:

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- Air Pollution Analyst
 - Anesthesiologist
 - Biochemist
 - Chemical Analyst
 - Chemical Engineer
 - Chemical Laboratory
 - Chemical Mixer
 - Chemical Plant Operator
 - Lab Technician
 - Chemist - Agricultural, Analytical, Clinical, Dye, Food, Glass, Industrial, Inorganic, Organic, Nuclear, Physical, Polymers, Soil, Textiles
 - Chemist, Product Development
 - Chemist, Quality Control
 - Combustion Engineer
 - Crime Laboratory Analyst
 - Dental Lab Technician
 - Dentist
 - Electron Microscopist
 - Environmental Analyst
 - EPR Technician
 - ESR Technician
 - Facilities Manager
 - Food and Drug Inspector
 - Food Scientist
 - Forensic Science Technician
 - Genetic Counselor
 - Geneticist
 - Geo-Chemist
 - Government Administrator
 - Hematology Technologist
 - Industrial Engineer
 - Industrial Hygienist
 - Lab Technician
 - Laboratory Assistant
 - Laboratory Instructor
 - Market Research Analyst
 - Materials Scientist
 - Medical Technologist
 - Medical/Clinical Laboratory
 - Microbiologist
 - Narcotics Investigator
 - Nuclear Technician
 - Patent Examiner Personnel
 - Perfumer
 - Pharmaceutical Sales
 - Pharmacist
 - Pharmacologist
 - Physician
 - Physician's Assistant
 - Plant Protection Inspector
 - Private Business Owner
 - Process Engineer
 - Production Engineer
 - Purchasing Agent
 - Quality Control Supervisor
 - Radiologist
 - Research Chemist
 - Sanitarian
 - Teacher, College
 - Technical Librarian
 - Technical Sales
 - Technical Writer
 - Technologist
 - Toxicologist
 - Translator, Scientific
 - Veterinarian
 - Water Purification Chemist
 - Water Quality Analyst

Possible Professional Settings:

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- Aerospace Components Firms
 - Agricultural Firms
 - Conservation Agencies
 - Airlines
 - Atomic Energy Firms
 - Beverage Companies
 - Business Corporations
 - Chemical Industries
 - Consulting Firms
 - Consulting Firms
 - Cosmetic Companies
 - Drug, Chemical, & Pharmaceutical
 - Educational Institutions
 - Electric Power Services
 - Electronics Stores
 - Engineering Firms
 - Environmental Protection Agency
 - Equipment Companies
 - Food Processor
 - Forestry Centers
 - Fuels & Fuel Dealerships
 - Forensics Labs
 - Glass Production Companies
 - Government Agencies
 - Leather Product Manufacturers
 - Lumber Companies
 - Manufacturing or Processing Companies
 - Medical Laboratories
 - Medical Services
 - Medical/Technical Libraries
 - Metal & Mineral Products Companies
 - Mining Companies
 - Paper Companies
 - Petroleum & Coal Firms
 - Petroleum Companies
 - Pharmaceutical Companies
 - Pipe Line Transportation Companies
 - Professional & Technical Journals
 - Public Health Service
 - Publishing Companies
 - Recreational Facilities
 - Research and Development Firms
 - Shipping, Water, & Transport Companies
 - Tire and Rubber Companies
 - U.S. Dept of Commerce, Defense, Health & Human Services, Interior, Labor
 - U.S. Food & Drug Administration
 - U.S. Veterans Administration

Resources:

The following lists are samples of resources available for learning more about majors and careers.*

Websites Related to this Field

- Chemical Week: www.chemweek.com
- Chemindustry: www.chemindustry.com
- ScienceMag: www.sciencemag.org/careers

Professional Associations - Samples

- American Academy of Forensic Science: www.aafs.org
- American Association for Clinical Chemistry: www.aacc.org
- American Chemical Society: <https://www.acs.org/content/acs/en.html>
- American Institute of Chemical Engineers: www.aiche.org/
- American Institute of Chemists: www.theaic.org
- American Society for Biochemistry and Molecular Biology: www.asbmb.org
- Council on Undergraduate Research: <http://www.cur.org/>
- WebGuru Guide for Undergraduate Research: <http://www.webguru.neu.edu>
- Nano Science and Technology Institute: <http://www.nsti.org/>
- Puget Sound Section of the American Chemical Society: <http://www.acs.org/pugetsound>
- The International Society for Optics and Photonics: <http://spie.org/>
- The National Academies of Science, Engineering and Medicine: <https://www.nationalacademies.org/>

Sample Internship Sites & Volunteer Opportunities

- Chemistry Department website: <http://www.spu.edu/depts/chemistry/>
- Seattle Institute for Biomedical and Clinical Research: <http://www.sibcr.org/>
- <https://spu.edu/administration/center-career-calling/prepare/finding-an-internship/internship-locations>

General Career Information

- Occupational Outlook Handbook: www.bls.gov/ooh
- The Occupational Information Network, (O*Net): www.onetonline.org

SPU Resources

- Chemistry Department Website: <http://www.spu.edu/depts/chemistry/>
- Major & Career Exploration (GS 2001 - 2 credits, offered every quarter)
- Career Counseling: call 206.281.2485 or stop by the Center for Career and Calling on the second floor of the SUB
- Academic Advising: www.spu.edu/depts/sas
- Academic Catalog: www.spu.edu/academics.aspx

SPU Student Groups

- Scientific Discussions Club of SPU: <http://spu.edu/depts/assp/clubs/current.html>

* Websites are current as of August 2020. If any go inactive, please let us know.

