

CHEMISTRY

Chemistry is the study of the composition, properties, and transformations of matter. Chemistry is used to produce food, clothing, furniture, drugs, plastics, glass, etc. Its study is important to mankind's health and the protection of the environment. Chemists find new uses and applications for it and study the implications of newly discovered chemical properties. Specific duties may include modeling, analysis, synthesis, research, limited fieldwork, or even sales and information management.

SELECTED RESOURCES FROM THE UNI CAREER SERVICES LIBRARY (CSL) ***

Great Jobs for Chemistry Majors
Opportunities in Chemistry Careers
Alternative Careers in Science
Jump Start Your Career in Bioscience

Careers in Science
Encyclopedia of Careers and Vocational Guidance
Insider's Guide to the World of Pharmaceutical Sales

***The Career Services Library (CSL) is temporarily relocated in Rod Library, on the north side of the library's main floor near the Career Collection and north stairwell. Please contact [Career Services](#), 319-273-6857, if you have difficulty in finding any of the CSL resources.

UNI LIBRARIES

Use subject or keyword to search the UNI libraries ([Career Services Library](#), [Rod Library](#), etc.) for information on specific occupations. Enter the career field followed by the phrase "vocational guidance," e.g. chemistry - vocational guidance. Other subject terms are: "career development," "occupations," "professions," "job descriptions."

SELECTED WEB SITES

(NOTE: Links to non-UNI Internet sites are provided for your convenience and do not constitute an endorsement)

EXPLORING CAREERS

UNI Career Services www.uni.edu/careerservices/

Career Exploration Resources www.uni.edu/careerservices/students/explore/careerresources.html

UNI Chemistry Department www.uni.edu/chemistry/

Careers in Science and Engineering www.nap.edu/readingroom/books/careers/

Occupations from Wikipedia en.wikipedia.org/wiki/List_of_occupations

JOB HUNTING

UNI Career Services: Find Employers and Jobs www.uni.edu/careerservices/

UNI CareerLink www.uni.edu/careerservices/careerlink/

Cen-chemjobs.org provided by the American Chemical Society www.cen-chemjobs.org/

Web Site for Job Seekers in Science www.science-jobs.org/

Hirehealth www.hirehealth.com/Default.aspx

The American Association for the Advancement of Science recruit.sciencemag.org

The Riley Guide:Job Listings in Chemistry www.rileyguide.com/science.html

US National Science Foundation www.nsf.gov/crssprgm/reu/reu_search.cfm

UNI Rod Library: Career Related Information and Job Banks www.library.uni.edu/ris/career.shtml

ASSOCIATIONS/ORGANIZATIONS

American Chemical Society portal.acs.org/portal/acs/corg/content

American Academy of Forensic Sciences www.aafs.org/

Chemistry-Associations dmoz.org/Science/Chemistry/Associations/

Search for more Associations www.asaecenter.org/Directories/AssociationSearch.cfm?navItemNumber=16581

SEARCH THE INTERNET

Use search engines or subject directories (www.library.uni.edu/dbandcat/search.shtml) to search the Internet. Use keywords such as the name of the field plus careers or jobs - e.g. "careers in chemistry" or "science jobs" or "jobs in forensic." Use phrases such as "what can I do with a major in ..." with the name of the field of interest - e.g. "what can I do with a major in chemistry." Look for categories such as "jobs" or "careers" in subject directories.

POSSIBLE OCCUPATIONS

(Some of these occupations may require additional education and experience)

Anesthesiologist	Dentist	Inspector, Water	Perfumer
Art Conservation	Dietitian & Nutritionist	Pollution Control	Petroleum Engineer
Biochemist	Drug Analyst	Metallurgist	Pharmacist
Ceramic Chemist	Dyer	Microbiologist	Physician
Chemical Engineer	Environmental Analyst	Mineralogist	Polymer Chemist
Chemist	Environmental Health Specialist	Mortician	Science Journal Editor
Chemistry Teacher	Food Scientist	Museum	Soil Conservationist
Clinical Dietician	Forensic Chemist	Curator/Scientist	Teacher
Color Development Chemist	Health Officer	Nurse	Textile Chemist
Coroner	Horticulturist	Operator/Chemical Reactor	Water Scientist

COMMONLY USED ACTION VERBS IN SCIENCE

Analyzed	Designed	Experimented	Interviewed	Processed	Sterilized
Built	Detected	Explored	Invented	Promoted	Summarized
Clarified	Determined	Extracted	Investigated	Recorded	Supported
Collected	Developed	Filtered	Located	Researched	Surveyed
Compared	Diagnosed	Formulated	Measured	Researched	Systematized
Completed	Ensured	Gathered	Monitored	Reviewed	Tested
Conducted	Evaluated	Handled	Organized	Searched	
Critiqued	Examined	Inspected	Performed	Solved	

UNI Career Services • SSC 214 (East Bartlett) • (319) 273-6857 • www.uni.edu/careerservices/
Career Services Library (CSL) • www.uni.edu/careerservices/careerlibrary/

University of Northern Iowa • Cedar Falls, IA 50614

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