

CHEMISTRY

WHAT IS CHEMISTRY?

Simply stated, chemistry is the study of matter and the changes it can undergo. Chemistry is not limited to experiments that happen in laboratories. Rather, it can be found everywhere in the world around you. A solid grounding in chemistry can prepare you for a wide variety of exciting careers in industry, in scientific research, in government agencies, in education, and in the health professions.

RELATED CAREER TITLES

Agricultural Scientist	Consulting	Geologist	Microbiologist
Analyst	Controls Manager Associate	Hazardous Waste Manager	Museum Curator
Analytical Chemist	Cooperative Extension Agent	Hospital/HMO Administrator	Nuclear Medical Technologist
Anesthesiologist	Crime Lab Analyst	Hydro Geologist	Nutritionist
Assayer	Dentist	Hydrologist	Occupational Health Specialist
Attorney	Director Product Technology	Industrial Hygienist	Occupational Safety Inspector
Biochemist/Molecular Biologist	Entomologist	Industrial Manager	Occupational Safety Specialist
Brewery Laboratory Assistant	Environmental Engineer	Industrial Quality Control	Oceanographer
Chemical Engineer	Environmental Health Specialist	Industrial/Institutional Buyer	Optometrist
Chemical Mixer	Environmental protection and research	Inorganic Chemist	Organic Chemist
Chemical Oceanographer	Enzymes chemist	Lab Manager	Patent Agent
Chemical Technician	EPA Inspector	Laboratory Head General	Perfumer
Chemist	FDA Inspector	Marketing Manager	Pest Control Business Manager
Chemist Senior Lab Technician	Fire Protection Engineer	Materials Scientist	Pharmaceutical Sales
Chemistry Professor	Food and Drug Inspector	Medical and Technical Research	Pharmacist
Chemistry Technologist	Food Chemist	Medical Doctor	Pharmacologist
Clinical Chemist	Food Scientist/Technologist	Medical Technologist	Pharmacy Technician
Clinical Specialist Senior Report	Food Service Instructor	Medicinal Chemist	Physical Chemist
College Professor	Forensic Chemist	Metallurgical Engineer	Physician
Color Development Chemist	Forensics Specialist	Metallurgist	Plastics Engineer
Geochemist	Polymer Chemist	Radiochemist	Plastics Engineer Toxicologist

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RELATED CAREER TITLES (CONTINUED)

Quality Insurance Auditor Programmer	Toxicologist	Senior Product Chemist	University or Special Library
Product Development Manager	Research	Soil Chemist	Veterinarian
Product Tester	Research Chemist	Soil Scientist, Agriculture	Wastewater Treatment Chemist
Psychiatrist	Science Information Specialist	Specification Writer	Water Purification Chemist
Public Relations Specialist	Science Laboratory Technician	Surgery Resident Nursing Supervisor	Water Quality Analyst
Public/Private School Teacher	Scientific Photographer	Systems Analyst	Water Scientist
Quality Assurance Manager	Senior Compounder	Teaching	Water/Wastewater Plant Operator
Quality Control Manager	Senior Lab Technician	Technical Writer/Communicator	Wood Technologist
Writer Research Analytical			

TRANSFERABLE SKILLS:

Analyzing manpower requirements	Makes critical observations & appropriate decisions	Reads, writes, speaks & memorizes proficiently
Anticipate problems	Numeric computation	Reviewing/evaluating
Decision making	Organizes, analyzes & interprets scientific data	Screening
Diagnosing	Organizing/classifying	Systematizing/organizing material
Hands-on lab learning in natural sciences	Possesses good vision & manual dexterity	Systems thinking
Has an aptitude for accurate details	Possesses good vision & manual dexterity	Technical
Information system utilization	Possesses strong mathematical background	Troubleshooting
Innovation	Problem solving	

Attainment and demonstration of [NACE Career Readiness Competencies](#) help prepare for a successful transition into the workplace.

CONTACT FOR ADDITIONAL INFORMATION

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RELATED CAREER EXPLORATION LINKS

FHSU Careers in Chemistry: www.fhsu.edu/chemistry/careers/index

FHSU Career Services: fhsu.edu/career/

Occupational Outlook Handbook: www.bls.gov/ooh



Click to explore additional career information