

# 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	Lawyer	Pest Control Business Manager
Chemist Senior Lab Technician	Fire Protection Engineer	Marketing Manager	Pharmaceutical Sales
Chemistry Professor	Food and Drug Inspector	Materials Scientist	Pharmacist
Chemistry Technologist	Food Chemist	Medical and Technical Research	Pharmacologist
Clinical Chemist	Food Scientist/Technologist	Medical doctor	Pharmacy Technician
Clinical Specialist Senior Report	Food Service Instructor	Medical Technologist	Physical Chemist
College Professor	Forensic Chemist	Medicinal Chemist	Physician
Color Development Chemist	Forensics Specialist	Metallurgical Engineer	Plastics Engineer
Computer Software Engineer	Geochemist	Metallurgist	Plastics Engineer Toxicologist

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### RELATED CAREER TITLES (CONTINUED)

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

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

### CONTACT FOR ADDITIONAL INFORMATION

Department of Chemistry - Tomanek Hall 341 - 785.628.5321

### RELATED CAREER EXPLORATION LINKS

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

FHSU Career Services: <https://fhsu.edu/career/>

Occupational Outlook Handbook: <http://www.bls.gov/oo>



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