CHEMISTRY MAJOR

Career Snaps are snapshot introduction resource pages that invite you to explore a list of career titles and consider what peaks your initial curiosity. Below are highlights of titles related to the major of Chemistry. Feel free to review and consider how these titles appeal to your interests and how you would like to apply your major further.

Please note: Career paths below vary in terms of required experience, education, and/or licensures and further research to career paths of interest is important to help identify which require advanced degrees or bachelor degrees.

Make Marks! Circle titles of interest and cross off those that don’t appeal to you to begin the exploration process. Keep in mind that this is not an exhaustive list but a starting point to connect your interests and to highlight some of the ways students with your major have transitioned to various career paths. Note that career titles may vary depending on the organization or company.

Career Titles

• Analyst
  ◦ Bio-Analyst, Clinical Data Analyst, Crime Lab Analyst, DNA Analyst, Forensic Laboratory Analyst, Lab Analyst, Systems Security Analyst, etc.
• Art Conservator
• Biomedical Scientist
• Biotechnologist
  ◦ Biochemistry Technologist, Geological and Geophysical Technologist, etc.
• Carbon Trader
• Cell Biologist
• Chemical Oceanographer
• Chemical Physicist
• Chemist
• Chiropractor
• Clinical Research Associate/Assistant
• Clinical Research Coordinator
• Chartered Accountant
• Consultant
  ◦ Chemical Consultant, Environmental Consultant, etc.
• Consumer Goods Developer
• Cytologist
• Education
  ◦ Elementary, Middle School, and Secondary Teaching, Professor, Training and Development Facilitator, etc.
• Energy Asset Manager
• Engineer
  ◦ Biomedical Engineer, Cell Engineer, Chemical Engineer, Environmental Engineer, Fire Protection Engineer, Nuclear Engineer, Quality Engineer, etc.
• Entomologist
• Entrepreneur
• Epidemiologist
• Environmental Health & Safety Specialist
• Food and Drug Industry
  ◦ Agricultural Scientist, Consumer Product Research Scientist, Dairy Technologist, FDA Inspector, Flavor Chemist, Food and Beverage Processing Grader, Food Chemist, Food Microbiologist, Food Safety Auditor, Food Scientist, Industrial Hygienist, Perfume Pharmacist, etc.
• Forensics
  ◦ Crime Lab Assistant, Forensic Lab Analyst, Forensic Chemist, Forensic Document Examiner, etc.
• Geologist
• Geneticist
• Government
• Healthcare
  ○ Allied Health, Anesthesiologist, Dentist, Health Care Administrator, Medicine, Occupational Therapy, Optometry, Pharmacist, Physician Assistant, Physician, Physical Therapy, Podiatry, Radiologist, Registered Nurse, Veterinary Medicine, etc.
• Healthcare Scientist
• Healthcare and Safety Inspector
• Human Resources
  ○ Human Resource Manager, Scientific/Technical Recruiter, etc.
• Hydrologist
• Industrial Hygienist
• Laboratory Manager
• Law
  ○ Attorney, Intellectual Property Attorney, Law Clerk, Paralegal, Patent Law Attorney, etc.
• Manufacturing Technology Manager
• Microbiologist
• Patent Agent
• Pest Control Technician
• Pharmaceutical Consultant
• Pharmacologist
• Physician Associate
• Plant Manager
• Plastics Processing Manager
• Product Development Manager
• Process Development Specialist
• Public Relations Specialist
• Pulping and Bleaching Manager
• Purchasing Officer / Purchaser
• Product/Industrial Designer
• Quality Control Specialist
• Refinery and Upgrader Process Operator
• Renewable Resource Specialist
• Researcher
  ○ Laboratory Supervisor, Lab Technician, Administration, Applied, Basic, Grant Writing, Medical Laboratory Scientist, Medical Researcher, Research Assistant, etc.
• Regulatory Affairs Specialist
• Research and Development Manager
• Safety Officer
• Sales Representative
  ○ Pharmaceutical Sales Representative, Technical Sales Representative, etc.
• Scientist
  ○ Forensic Scientist, Materials Scientist, Polymer Scientist, Soil Scientist, etc.
• Science Advisor
• Scientific Conference Organizer
• Scientific Illustrator
• Specialty Chemicals Production Supervisor
• Snubbing Services Operator and Supervisor
• Sustainability Specialist
• Technician
  ○ Clinical Technician, Non-Destructive Testing Technician, Scientific Laboratory Technician, etc.
• Technologist
  ○ Combined Laboratory and X-Ray Technologist, Hazardous Waste Management Technologist, Hydrometric Technologist, Magnetic Resonance Technologist, Medical Laboratory Technologist, Nanotechnologist, Nuclear Medicine Technologist, Petroleum Engineering Technologist, Pollution Control Technologist, etc.
• Toxicologist
• Water Conservation Specialist
• Water Quality Analyst/Specialist
• Water Reclamation Specialist
• Water Resource Planner
• Writing and Editing
  ○ Blogger, Freelance Writer, Medical Writer, Scientific Journalist, Science Writer, Technical Writer, etc.

Food For Thought
Take a minute to review the following questions and jot down thoughts that come to mind:
• Interests: What career areas below resonate with you the most and how do the careers you circled relate?
  ○ Communication
  ○ Cosmetic Industry
  ○ Education
  ○ Food Industry
  ○ Government and Policy
  ○ Healthcare
  ○ Higher Education – University Labs
  ○ Law
  ○ Manufacturing
  ○ Pharmaceutical Labs
  ○ Publishing
  ○ Research and Development
  ○ Sales and Marketing
  ○ Writing
• Skills: What skills that you enjoy are you interested using further in a profession?
  ○ Attention to detail, critical thinking, written and oral communication skills, debate, interpretation skills, persuasive skills, problem solving, research, synthesize information, translate institutional and cultural values, work independently, work in teams, others?
• Values: What core values are most important to you and how might careers you circled support these values?

Ready to Take the Next Step?
Below are resources that give an overview of career profiles, settings, education, outlook, related occupations, pay, and state/regional information etc.:
http://www.bls.gov/ooh
http://www.onetonline.org