

What Can I Do With This **Ohio State** Major?

Bachelor of Arts or Bachelor of Science

Chemistry

College of Arts and Sciences

Chemistry is the study of the composition, structure, properties, and reactions of matter, so the study of chemistry is central to understanding many other scientific disciplines. All human activities deal with a material world, which consists of chemicals, both natural and manufactured. The contributions of chemistry to modern society occur in such diverse fields as pharmaceuticals, polymers and plastics, agricultural chemicals, petroleum products, and biotechnology. The Bachelor of Science curriculum is designed for students seeking to become professional chemists and the Bachelor of Arts curriculum is intended for students who want to have a background in chemistry as a basis for future work in other areas of science, such as the life sciences, or in such professional areas as medicine or veterinary medicine. ⁱ

Career Areas/Job Titles:

Government & Management

Chemical Sales Representative
Forensic Scientist
Geo/Environmental Chemist
Healthcare Administrator
Marketing Coordinator
Scientific/Technical Consultant

Education

College Instructor
K-12 Teacher
Professor
Researcher

Industry, Science & Tech.

Bio-information Analyst
Chemical Process Engineer
Food Scientist
Medicinal Scientist
Petroleum Chemist
Quality Control Specialist
Textile Chemist

Communication & Politics

Grant Writer
Intellectual Property / Patent
Law
Journalist

Health Professions

Dentist
Medical Doctor
Optometrist
Pharmaceutical Lab Scientist
Pharmacist
Physician Assistant
Physical Therapist
Radiologist
Veterinarian

**Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.*

Transferable Skills:

Analytical / Critical Thinking
Develop Theories
Formulate Hypotheses
Gather Information
Laboratory Skills
Computer Troubleshooting
Delegating Tasks

Organization Skills
Implementing Theories
Managing Time/Stress
Forecasting/Predicting
Initiative
Creating Innovative Solutions
Experimental Design

Strategic Planning/Visioning
Facilitate Discussion
Teamwork
Editing
Written Communication

**This is not an extensive list of transferable skills. See larger list of skills you might develop here:
<http://ccss.osu.edu>*

Professional Links:

The Chemistry Club of The Ohio State University: http://chemistry.osu.edu/undergraduate/chemistry_club

American Chemical Society: www.acs.org/

Council for the Advancement of Science Writing: <http://www.casw.org/casw/quide-careers-science-writing>