

College of Arts and Sciences
Department of Chemistry
Career Advising Guide

Major	Skills/Attributes Associated	*Related Occupations	Related Extracurricular Activities at SU	Additional Sources of Information
Chemistry B.S. Biochemistry B.S. Chemistry B.S. (with secondary education certification)	good vision & manual dexterity curiosity and patience aptitude for accurate details strong mathematical skills responsible sensitive to health & safety of others likes intellectual growth achievement oriented <i>ability to:</i> make critical observations & decisions organize & analyze & interpret scientific data conduct & clearly explain scientific research	Agronomist Anesthesiologist Astronomer Biochemist Business Executive Chemical Engineer Consumer Protection Specialist Dentist Dietician/Food Technologist Educator Environmentalist Toxicologist Geologist Mathematician Metallurgist Nuclear Scientist Patent examiner Physician Sanitarian Technical Writer	Chemistry Club x1416 Medical Technology Club x1588 Pre-Health Professions Club x1773	American Chemical Society 1155 16th Street, N.W. Washington, D.C. 20036 Chemist's Club 52 E. 41st Street New York, NY 10017 <i>Careers for Science</i> Easton, Thomas. Homewood, IL: Dow-Jones Irwin, 1984. Dr. Jeffrey Lacy x 1629 Franklin Science Center 327

Chemistry is a major branch of the physical sciences and involves the study of substances and energy. It focuses on their composition, characteristics, changes, reactions, uses and their benefits and dangers to mankind. Major sub-branches within chemistry include: inorganic and organic chemistry; analytical chemistry; applied chemistry; biochemistry; and physical chemistry. Chemistry is used to produce food, clothing, furniture, drugs, plastics, glass, paper, and electronic devices. Knowledge of chemistry is crucial to environmental protection efforts as well as man's health and safety.

Entering Salary: \$31,000 * A Bachelor's or Master's degree in chemistry would be useful in pursuing these occupations.

Division of Undeclared Majors
 Shippensburg University

Partially adapted from: Phifer, Paul. (1993). College Majors and Careers: A Resource Guide for Effective Life Planning. Garrett Park, MD: Garrett Park Press.