

COTTEY

What Can I Do With A Major In . . . ?

Chemistry

Everything in the environment, whether naturally occurring or of human design, is composed of chemicals. Chemistry majors study the composition, structure and properties of matter, as well as the reactions that transform one form of matter into another. Students learn to design and perform the investigations that will lead to a better understanding of the physical world. Chemical research has led to the discovery and development of new and improved synthetic fibers, paints, adhesives, drugs, cosmetics, electronic components, lubricants, and thousands of other products. Chemists also develop processes such as improved oil refining and petrochemical processing that save energy and reduce pollution. Research on the chemistry of living things spurs advances in medicine, agriculture, food processing, and other fields.

IS THIS MAJOR FOR YOU?

You might like this major if you also like: solving problems; lab experiments; using math; and working independently

Consider this major if you are good at: research; math; attention to detail; critical reading and thinking; and quantitative analysis

EMPLOYMENT SETTINGS

- Colleges and universities
- Secondary schools
- Forensic labs
- Hospitals
- Government and non-profit agencies
- Public and private research groups
- Pharmacies
- Food companies

SAMPLE OCCUPATIONS

- Chemist
- Physician
- Researcher
- Pharmacist
- Engineer
- Educator
- Forensic Scientist

ACADEMIC ASSISTANCE CENTER RESOURCES

Great Jobs for Chemistry Majors

Opportunities in Chemistry Careers

Career Opportunities in Science

COURSES IN THIS MAJOR

- General Chemistry
- Organic Chemistry
- Inorganic Chemistry
- Biochemistry
- Quantitative Analysis
- Analytical Chemistry

OTHER MAJORS YOU MIGHT LIKE

- Molecular Biology
- Pharmacy
- Soil Science
- Environmental Science
- Forensic Science

WEBSITES TO VISIT

American Chemistry Society
www.chemistry.org

Women in Chemistry
http://www.chemheritage.org/women_chemistry/career/career.html

American Oil Chemists' Society
www.aocs.org

Society for Environmental Toxicology and and Chemistry
www.setac.org

North American Membrane Society
www.membranes.org