

What Can I Do With a Major in **CHEMISTRY**?

Chemistry is the scientific study of matter, its properties, and interactions with other matter and with energy. Science that deals with the properties, composition, and structure of substances (elements and compounds), the reactions and transformations they undergo, and the energy released or absorbed during those processes. Often called the "central science," chemistry is concerned with atoms as building blocks (rather than with the subatomic domain;

Typical Coursework

Analytical Chemistry	Instrumental Methods
Biochemistry	Organic Chemistry
Calculus	Physical Chemistry
Differential Equations	Physics
Electricity and Magnetism	Quantitative Analysis
General Chemistry	Scientific Computer Programming
Inorganic Chemistry	Technical Writing

Related Major Skills

Develop theories	Science and math ability
Conduct research	Perseverance
Data Analysis	Analytical skills
Curiosity	Ability to follow through
Utilize formulas	Experimentation
Process data	Observation and decision making
Work independently and in groups	Technological skills
Oral and written communication	Ability to remain objective

Chemistry education majors should also develop skills involving planning and the ability to adapt teaching methods and modalities to the various learning styles of students

Directly Related Occupations*

Agricultural Scientist	Forensic Chemist
Analytical Chemist	Forensic Science Technician
Biochemist	High School Teacher
Biotechnology Researcher	Materials Scientist
Chemical Engineer	Natural Sciences Manager
Consumer Product Chemist	Organic Chemist
Detectives and Investigator	Science Technician
Environmental Scientist	University and College Teacher
Food and Flavor Chemist	

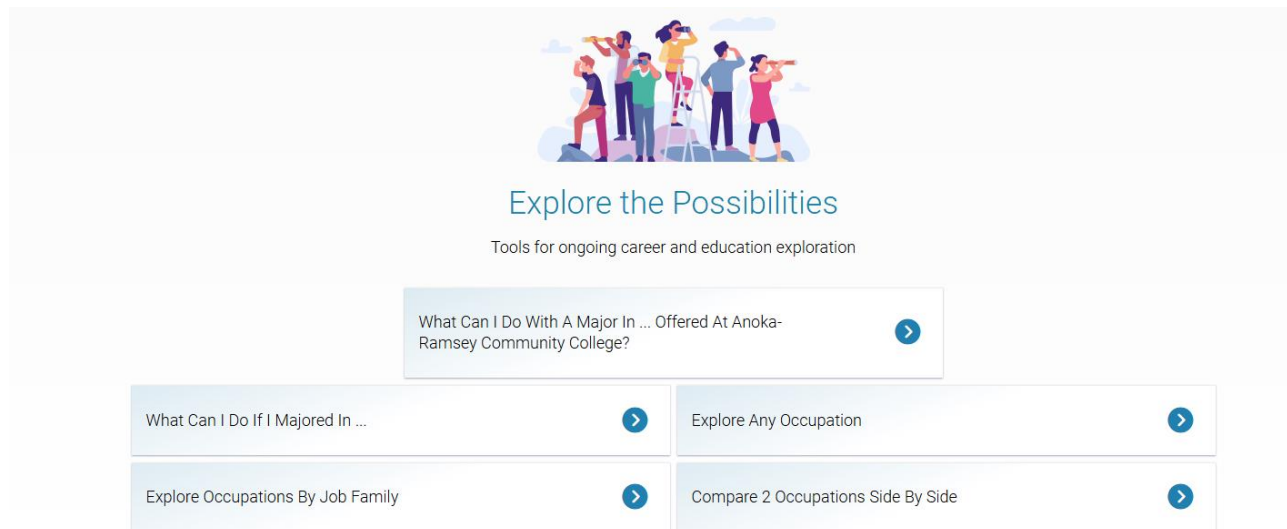
*Many of these careers require a four-year degree. Please meet with your advisor for more information about this major.

Who Hires for this Occupation?

Federal & state government agencies, research & development firms, manufacturing companies, scientific consulting firms, and colleges & universities.

Focus2

Visit [FOCUS2](#) (use ARCC credentials to sign-in) for more information regarding **related occupations and average salaries** and explore **other related majors**. You can also take **assessments** to match your skills, interests, and values to potential careers and majors.



Minnesota Colleges & Universities with a major in CHEMISTRY

Augsburg College	Gustavus Adolphus College	St. Catherine University
*Bemidji State University	Hamline University	*St. Cloud State University
Bethany Lutheran College	Macalester College	St. Olaf College
Bethel University	*Metropolitan State University	Univ. of MN, Duluth
Carleton College	*Minnesota State Univ., Mankato	Univ. of MN, Morris
College of Saint Benedict	*Minnesota State Univ., Moorhead	Univ. of MN, Twin Cities
College of St. Scholastica	Saint John's University	Univ. of St. Thomas
Concordia College	Saint Mary's Univ. of MN, Winona	*Winona State University
Concordia University	*Southwest Minnesota State Univ.	

*Anoka-Ramsey Community College offers a [Chemistry Transfer Pathway Associate of Science Degree](#) with course credits that directly transfer to designated Chemistry Bachelor's Degree programs at Minnesota State System Universities.

Search for majors and colleges at [Minnesota State System Colleges and University](#)

Professional Association Links

[American Chemical Society](#)

[RSC's Chemical Science Network](#)

[American Academy of Forensic Sciences](#)

[American Institute of Chemical Engineers](#)

[American Society of Crime Laboratory Directors](#)

[American Association for Clinical Chemistry](#)

For More Information

Contact ARCC Counseling (Coon Rapids and Cambridge) at (763) 433-1100 or stop by the campus Information Desk

Information adapted from:

[Minnesota Career Information System](#)

[Occupational Outlook Handbook](#)

[Focus2](#)

[Career Center at the University of North Carolina at Wilmington](#)