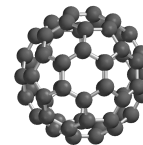


Chemistry at Carthage College



The Future is Bright for Chemists

The study of chemistry is excellent preparation for many careers. Chemistry is the study of substances in our world, such as the paper and ink in this brochure, the food we eat, the gasoline we use in our cars, and the rubber in our tires. In fact, many disciplines such as biotechnology, drug design, or forensic science are in fact applied chemistry! Because the study of chemistry imparts skills and knowledge valued in the job market, the employment outlook for chemists is bright. Between now and 2008, continued growth in pharmaceuticals, biotechnology, and personal care products, signals an increasing demand for chemists.



Chemistry Courses

Carthage chemistry courses train students for a variety of careers. Most Carthage students begin their coursework by completing the General Chemistry sequence and taking Calculus. They then move on to study Organic Chemistry and Physics in their Sophomore year. The Junior and Senior years are spent taking advanced courses in Analytical Chemistry, Inorganic Chemistry, Physical Chemistry, and Biochemistry and performing independent research. The chemistry department at Carthage is accredited by the American Chemical Society.



Carthage Chemistry Graduates

Carthage graduates are employed by Johnson Wax, Abbott Laboratories, Accenture, Kenosha Unified School District, and Lawter International. Carthage students have also gained admission into graduate programs at Cornell University, the University of Michigan, Northwestern University, the University of Washington, the University of Wisconsin, the Medical College of Wisconsin, Chicago Medical School, Illinois College of Optometry, and DePaul Law School.

Facilities and Equipment

Carthage students use modern equipment and instrumentation in their laboratory courses and independent research. Our science labs contain the following instruments.

- A 300 MHz Nuclear Magnetic Resonance Spectrometer
- Gas and High Pressure Liquid Chromatographs
- UV and Infrared Spectrophotometers
- An Atomic Absorption Spectrometer
- A lab dedicated to scientific computing

