CHEMISTRY

Administrative Unit: Chemistry
College/School: College of Letters & Science
Admitting Plans: M.S., Ph.D.
Degrees Offered: M.S., Ph.D.
Minors and Certificates: Doctoral Minor
Specializations: Analytical, Chemical Biological, Inorganic, Materials, Organic, or Physical Chemistry

The department offers a master of science and a doctor of philosophy in chemistry. Specializations within the program are analytical, inorganic, materials, organic, and physical chemistry as well as chemical biology. Breadth coursework may be taken in other departments including physics, mathematics, computer sciences, biochemistry, chemical engineering, and in fields other than the student’s specialization within the Department of Chemistry.

Excellent facilities are available for research in a wide variety of specialized fields including synthetic and structural chemistry; natural product and bio-organic chemistry; molecular dynamics and photochemistry; biophysical, bioanalytical, and bioinorganic chemistry; spectroscopy (including magnetic resonance and microwave), theoretical and experimental chemical physics, chemical dynamics, quantum and statistical mechanics; macromolecular and polymer chemistry, materials science, surface and solid-state chemistry; x-ray crystallography, lasers, and light scattering; and chemical education. Programs are assisted by department computing and instrument centers and by other facilities on campus including those of the Division of Information Technology (DoIT).

Information on the research fields of faculty members is available on the chemistry website (http://www.chem.wisc.edu) and in a brochure available from the department.

The department offers opportunities for graduate students to obtain teaching experience. Financial assistance is available to most graduate students in the form of teaching or research assistantships, fellowships, or traineeships.

DEGREES/MAJORS, DOCTORAL MINORS, GRADUATE/PROFESSIONAL CERTIFICATES

- Chemistry, Doctoral Minor (http://guide.wisc.edu/graduate/chemistry/chemistry-doctoral-minor)
- Chemistry, M.S. (http://guide.wisc.edu/graduate/chemistry/chemistry-ma)
- Chemistry, Ph.D. (http://guide.wisc.edu/graduate/chemistry/chemistry-phd)

PEOPLE

Faculty: Professors McMahon (chair), Andrew, Berry, Blackwell, Brunold, Burke, Burstyn, Cavagnero, Choi, Coon, Crim, Cui, Ediger, Fredrickson, Garand, Ge, Gellman, Gilbert, Goldsmith, Gopalan, Hamers, Hermans, Hsung, Jackson, Jin, Kiessling, Kuech, Landis, Li, Lynn, Mecozzi, Middlecamp, Moore, Nathanson, Pedersen, Raines, Record, Schmidt, Schomaker, Schwartz, Shakhashiri, Sibert, Skinner, Smith, Stahl, Strieter, Tang, Weissshaar, Woods, Wright, Yethiraj, Yoon, Yu, Zanni