The Chemistry Department offers several majors, and you may choose the one that best meets your needs and interests. The faculty in the Chemistry Department hopes that you will seriously consider studying at Marshall University. The Chemistry Department is relatively small, which allows close personal contact between students and the faculty. In addition, the department is equipped to offer exciting research opportunities, hands-on learning experiences and first-rate equipment and technology to its students. If you are looking for a place to learn and gain necessary knowledge in a growing field, the Marshall University Department of Chemistry is for you!

CHEMISTRY DEPARTMENT FACULTY

Daniel Babb
Rudolf Burci
Michael Castellani, Department Chair
B. Scott Day
Leslie Frost
John Hubbard
Laura McCunn
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Kenneth O'Connor
William Price
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Bin Wang

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Courses offered by the Chemistry Department provide a program of study that allow students to:

- Obtain high quality instruction in chemistry as a scientific discipline
- Obtain a sound background in preparation for advanced studies
- Prepare for gaining admission to a professional school in the health care industry
- Meet the qualifications of professional chemists and accrediting agencies

The Chemistry Department is proud to offer the following degrees:

**Chemistry, B.S. Degree**

The Bachelor of Science, Chemistry Major offered by the College of Science has considerable flexibility in terms of electives and a second major. It is primarily taken by students who are interested in going on to professional schools, students who are interested in pursuing a graduate degree in an area peripherally related to chemistry such as pharmacology, toxicology or biochemistry, or students who are interested in a non-research work area in the chemical industry such as marketing or industrial hygiene.

**Biochemistry, B.S. Degree**

Students completing the Biochemistry Degree will be prepared for career opportunities in the biotechnology, forensics, environmental, pharmaceutical, agricultural and medical fields. Students will also be well prepared for graduate-level study in biochemistry, biotechnology, genetics and molecular biology. Additionally, Biochemistry is an excellent choice for students desiring to attend professional schools.

**Forensic Chemistry, B.S. Degree**

Students in this program will have "hands-on" experience with a wide variety of analytical instrumentation used in modern forensic laboratories and working with the latest DNA typing methodology. Opportunities for employment with local, state, federal and private forensic laboratories exist in this expanding field for B.S. graduates as well as advanced degrees. Students in this program will end up with a strong chemistry background that would prepare them for Master's level coursework.

**Environmental Chemistry, B.S. Degree**

Students completing the environmental chemistry major will be prepared for career opportunities in environmental chemistry, toxicology, environmental policy, and consulting. Additionally, Environmental Chemistry is an excellent choice for students desiring to attend Professional training in Law, or Safety, or Industrial Hygiene.

**A.C.S. Chemistry, B.S. Degree**

This curriculum meets the standards of the American Chemical Society and is recommended for students intending to enter the chemical profession or intending to pursue graduate work in chemistry. Students who successfully complete the requirements for the B.S. in Chemistry degree will receive a certificate from the American Chemical Society indicating that their degree meets the standards of the Committee on Professional Training. A student working towards this degree will take courses in a wide variety of areas within the chemistry department.

**Requirements**

For course requirements and descriptions, please contact the Chemistry Department or refer to the current Marshall University Undergraduate Catalog. In addition to major requirements, students will need to fulfill the general requirements and the Marshall Plan of the College of Science and Marshall University. In order to graduate, you must have a minimum of 120 hours, of which 40 must be 300-400 level and an overall and a major GPA of at least a 2.0.

www.marshall.edu/chemistry