

Chemistry

In addition to preparing one for a career as a chemist or biochemist, a degree in chemistry serves as the foundation for many areas of endeavor such as medicine, dentistry, pharmacy, forensics, veterinary science, agriculture, chemical engineering, paper production, military and government research, patent law, and industrial economics.

Why Choose Chemistry?

If you are the kind of person who is inquisitive about the physical world and the dramatic, curious events that occur in nature, you should study chemistry. Chemistry deals with matter, the changes that take place in matter, and the energies that accompany those changes. Chemists look at matter (through experiments) and think (or theorize) about it on all levels of subdivision, from the submicroscopic world of atoms and molecules to the gram quantities of chemicals in the laboratory to the ton amounts of products in industry. As a basic material science, chemistry serves as the foundation for many areas of post-graduate study.

About the Program

The Department of Chemistry is a unit of the College of Pure and Applied Sciences at ULM. The undergraduate program has been approved by the Committee on Professional Training of the American Chemical Society. Since 1982, the Department has been housed in the Chemistry and Natural Sciences Building, occupying most of the second floor and much of the first floor. In addition to classrooms, stockrooms, and instructional laboratories, there are instrument labs, computer labs, and research labs. The primary mission of the Department is advocacy of the scientific method in the solution of chemical problems in order to preserve and extend chemical knowledge. This mission directly impacts two segments of the academic community: those persons majoring in Chemistry and those majoring in disciplines that require a foundation in chemistry. The Department offers a modern B.S. Chemistry curriculum which is accredited by the American Chemical Society (ACS) to prepare students for careers in chemical research or for graduate study in chemistry. Also available is a non-ACS-certified B.S. degree for students who seek careers in industrial, government and hospital laboratories, or plan to pursue professional or graduate study in other areas. Service courses are offered that provide the proper chemical foundation for other disciplines, particularly Biology, Pharmacy, and the health professions. Interaction with the general population is accomplished through grants and projects. Especially important are interactions with the schools K-12. The mission is accomplished through teaching, research, and service. By stressing quality and academic integrity in executing its mission, the Department benefits the University, the surrounding community, and the State of Louisiana.

Education for Tomorrow... Today.



“Scot and Stephanie Durand, brother and sister from Elmer, Louisiana, each earned a B.S. Chemistry Degree from ULM. They are both employed by Angus Chemical Company in Sterlington, Louisiana. They agree, as does their employer, that their education at ULM prepared them well for a career in chemical industry.”

Scot Durand
Stephanie Durand

**THE UNIVERSITY
OF LOUISIANA
AT MONROE**

ULM is an Affirmative Action/EOE.

What You'll Study:

Introductory Chemistry

General Chemistry

Physical Chemistry

Organic Chemistry

Quantitative Analysis

Descriptive Inorganic

Chemistry

Biochemistry

Instrumental Analysis

Inorganic Chemistry

Analytical Chemistry



The University of Louisiana at Monroe is a member of the University of Louisiana System.

The Chemistry Faculty

All lecture courses are taught by full-time faculty, not by graduate students and seldom by part-time instructors. The teaching faculty maintain close contact with students. In addition to the department head, there are eleven full-time and four adjunct faculty members. Undergraduate research is encouraged in all major branches of chemistry: analytical, inorganic, organic, physical, and biochemistry. In addition to being excellent, dedicated teachers, the Chemistry faculty has secured \$996,610 through grant proposals in external funding, and published 46 scientific papers since 1993.

What Can I Do with a Chemistry Degree?

Job opportunities for B.S. chemists are varied and depend on geographical preference. If one wishes to remain in north Louisiana, chemical careers are possible in the paper industry, private analytical labs, state crime labs and testing labs, hospital labs, and in agriculture-related industries. South Louisiana offers job opportunities at an extensive array of private industries (many petroleum-related), as do out-of-state locations. ULM chemistry graduates for the past ten years have all secured desirable career positions. The trend in American higher education toward fewer science and mathematics majors will create a greater demand for those majors. Many B.S. graduates from ULM gain admittance to professional programs such as medical, dental, and law schools. ULM graduates who obtain the ACS-accredited B.S. degree are especially successful in pursuing graduate studies leading to Master's and Ph.D. degrees.

Seeing is Believing

Reading about a university is quite different from seeing it for yourself. If you haven't visited the University of Louisiana at Monroe campus, we invite you to come talk with our faculty, observe our classes, ask questions of our students, and feel the warmth and hospitality of a campus that is large enough to serve your needs but small enough to care about you individually. For an application, more information, or to schedule a visit, contact: Office of Admissions, ADMIN 1-109, The University of Louisiana at Monroe, Monroe, LA 71209. Phone: (318) 342-5252.

For More Information:

For further information about the Chemistry Department, you may contact us by telephone (318) 342-1825, fax (318) 342-1859, email at chwatson@ulm.edu, or by writing to Department of Chemistry, CNSB Room 210, 700 University Drive, The University of Louisiana at Monroe, Monroe, LA 71209.

For More Information about ULM contact us at: <http://www.ulm.edu>