Chemistry at BELMONT UNIVERSITY

The programs in Chemistry at Belmont University are designed to form a strong base from which you can build a career in fields ranging from engineering, medicine or food chemistry to biotechnology, forensic chemistry or nanoscience. We offer excellent instruction, with small class sizes, in the traditional areas of organic, inorganic, physical, analytical and biochemistry.
The Chemistry program at Belmont provides an engaged learning community characterized by small class sizes, undergraduate research opportunities and faculty serving as academic advisors. The Chemistry Department is located in the recently constructed Wedgewood Academic Center. Our new home, finished in August of 2014, houses state-of-the-art teaching facilities as well as dedicated undergraduate research labs and a well-equipped instrumentation facility, not normally found in the undergraduate setting.

Another unique aspect is the significant amount of exploratory learning available to students. This environment of exploration utilizes and sharpens critical thinking skills vital to any chemistry profession. By making a wide scope of high-quality instrumentation available in core laboratory courses, students are exposed to unique learning opportunities to hone their skills for a variety of careers. As a student, you will also be afforded the opportunity to take part in original research under the mentorship of a faculty member as well as travel to regional and national meetings to present your research.

Belmont University offers a major in Chemistry with various emphases, allowing students to tailor a program of study in chemistry to fit their needs. Students choose from the following emphases based on their area of interest:

**ADVANCED CHEMISTRY** is designed for students considering careers in chemical research and is ideal for students interested in pursuing graduate studies in chemistry.

**PRE-HEALTH CHEMISTRY** includes chemistry courses required for admission to medical, dental, pharmacy and other health-related professional schools.

**APPLIED CHEMISTRY** concentrates on more technical aspects of chemistry, positioning students for success in quality assurance or control labs, environmental monitoring, forensics or scientific equipment sales.

**CHEMISTRY EDUCATION** is designed for students wanting to pursue teaching in chemistry or a related area at the secondary-education level.