

Chemistry



PROGRAMS OF STUDY: ♦ B.A. in Chemistry ♦ B.S. in Chemistry ♦ B.A. in Chemistry for Teacher Licensure ♦ Minor in Chemistry

Why study Chemistry at Maryville College?

Maryville College's chemistry major will give you sound training in the principles and techniques of modern chemical theory and experimentation. The program integrates laboratory, theoretical and research skills needed by the practicing chemist, and yet permits concentration in the organic, biochemical, analytical or physical sub disciplines. Opportunities for research through the Oak Ridge Associated Universities and the Oak Ridge National Laboratory complement the curriculum.

With careful elective choice, you could pursue a career as a professional chemist or enter a graduate school program that leads to a research-oriented career. A major in chemistry is also excellent preparation for medical school and other health-related programs.



MARYVILLE COLLEGE

WORKS is a comprehensive career preparation program that is integrated into the College's four-year liberal arts curriculum.

Key components include assessment, advising, networking and professional experiences.

OUR PARTNERS INCLUDE:



Blount Memorial Hospital



- ♦ Oak Ridge National Laboratory
- ♦ University of Tennessee College of Pharmacy
- ♦ University of Tennessee College of Veterinary Medicine
- ♦ Edward Via College of Osteopathic Medicine

SURVEY OF RECENT GRADS FROM THE NATURAL SCIENCES

83% have earned an advanced degree or are pursuing one

98% said MC prepared them "very well" or "well" for graduate studies

95% said they would choose MC again for their undergraduate degree

MEET A STUDENT

Madison Davis '19

Hometown: Maryville, Tenn.



Madison was originally a biochemistry major, but as she took more chemistry classes, she grew to appreciate the discipline's problem-solving emphasis and how it helps her understand how the world works. Her career goal is to become an analytical chemist, and she believes Maryville College is preparing her well for it.

"When I was in the college search, I appreciated Maryville's close-knit community and how friendly both the professors and students were," she said. "Unlike larger

colleges, Maryville College's classes are small and allow for more one-on-one interaction with faculty members."

MEET A GRADUATE

Alexandria Bone '18

Currently: Ph.D. candidate in the Department of Chemistry at the University of Tennessee

As a Maryville College student, Alexandria spent three years as an intern in the Chemical Sciences Division at Oak Ridge National Laboratory, carrying out synthetic and spectroscopic studies on persistent luminescence materials. This research, presented in her Senior Study, inspired her to seek a research career in the development of advanced spectroscopic methods.

"The mentorship I received at Maryville College was essential in my success as a student and a chemist," she said. "From philosophy to quantum mechanics, the professors at Maryville College prepared me to think critically, act mindfully and pursue my goals tirelessly. I am incredibly grateful for the advocacy and support extended to me, even in my post-undergraduate career."

