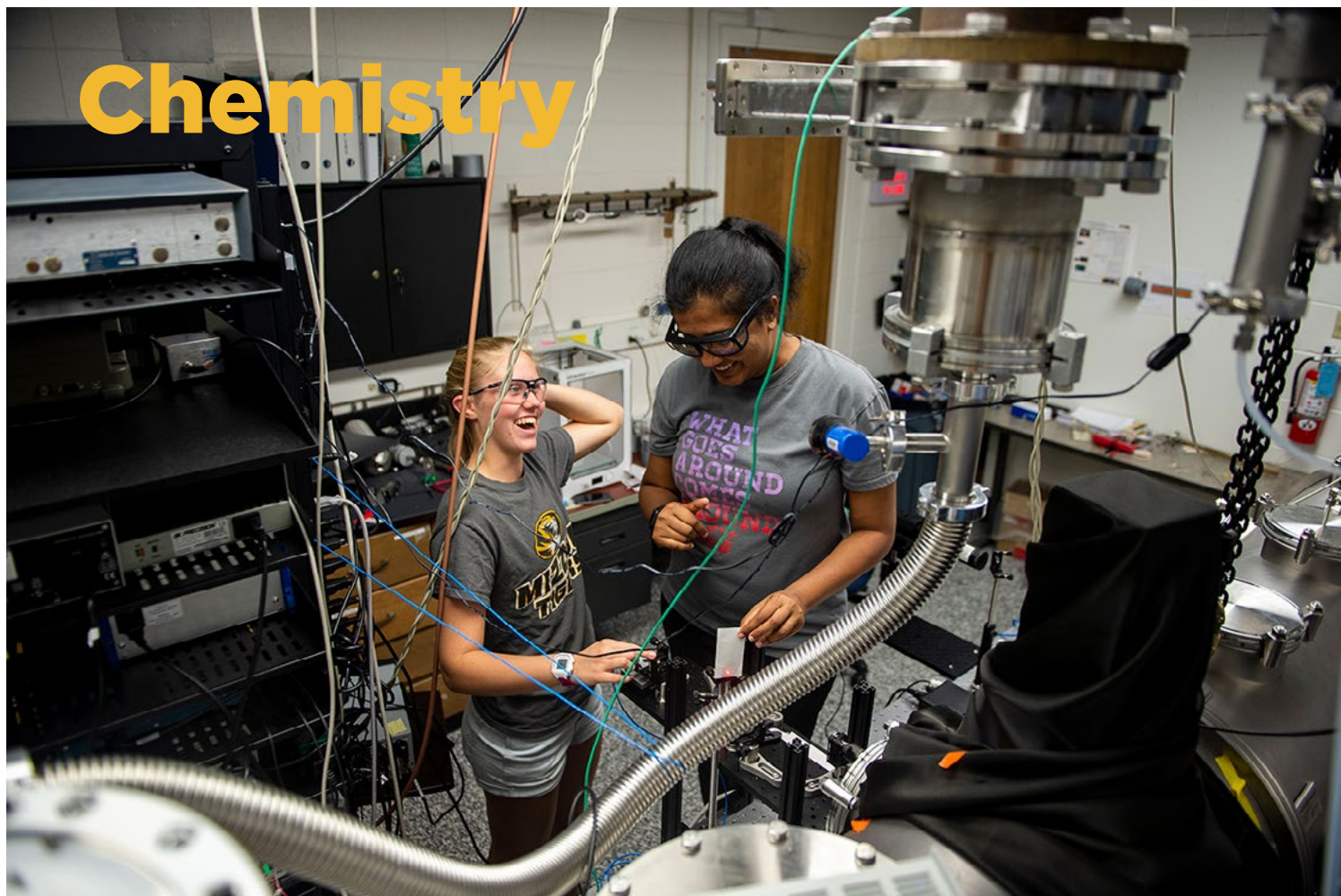


Chemistry



What Do Chemists Do?

Known as the “central science,” chemistry is at the core of understanding the world around us. Chemists try to make society a better place by discovering new molecules, catalysts, reactions, and materials. At Mizzou, we measure gas absorption and fluorescence of new molecules and materials, produce radiopharmaceuticals and targeted therapy drugs, as well as investigate the reaction dynamics of highly energetic materials and astrochemical molecules. These help us combat the important challenges facing our growing global population with fewer natural resources.

Undergraduate Program

At Mizzou, we pride ourselves on developing students who think critically, not just memorize facts. The Department of Chemistry offers a bachelor of

Where Are MU Chemistry Alumni?

- National Institute of Standards and Technology
- National Science Foundation
- 3M Corporation
- MU Health Care
- Saint Louis University
- Eurofin
- U.S. Patent and Trademark Office
- Children’s Mercy Hospital, Kansas City
- National Institutes of Health
- American Red Cross



Chemistry

science and a bachelor of arts, and those degrees may be approached with [four different tracks](#).

We Have the Track for You!

- 1 American Chemical Society certification → Research/industry/graduate school
- 2 Medicinal chemistry → Medical field
- 3 Chemical education → Teacher
- 4 Bachelor of arts → General knowledge of chemistry

Undergraduate Research

MU Chemistry offers [state-of-the-art research facilities](#), and our collaborations with the MU School of Medicine, the Dalton Cardiovascular Center, the MU Research Reactor ([MURR](#)), the NextGen Precision Health Institute, and other departments offer multidisciplinary research, giving you valuable [hands-on experience](#).

Because of our affiliation with MURR, the largest research reactor at an academic institution in the United States, students can volunteer or be hired for a semester or the summer assisting with projects involving chemical separations or analytical measurements. As a result of their research, undergraduates have published manuscripts in peer-reviewed journals such as *Inorganic Chemistry* and the *Journal of Chromatography A*.

\$77K

is the median salary of chemists according to the Bureau of Labor Statistics

Internships

Our students have done internships at Purina Inc., St. Charles Police Department, and EAG Laboratories Inc. You can sign up with [Handshake](#) to receive postings on internships.

Clubs/Activities

[Alpha Chi Sigma](#), a professional chemistry fraternity, allows undergrads with varying levels of interest in chemistry to interact and share experiences. There is also a department colloquium every Friday, followed by a reception.

Scholarships

The Department of Chemistry is fortunate to offer scholarships to undergraduates, and there are also collegewide scholarships available from the College of Arts and Science.



For More Info

 chemistry.missouri.edu

 chemistry@missouri.edu

Complete undergraduate course listing:
catalog.missouri.edu/undergraduategraduate/collegeofartsandscience/chemistry/#courseinventory

MU Admissions: admissions.missouri.edu