The Department of Chemistry and Biochemistry provides classroom and laboratory learning experiences with dedicated and caring instructors. The Chemistry minor provides general training in chemistry, “the central science”, that gives useful skills for those majoring in other scientific, education, or health-related disciplines. It also provides critical thinking and experimental design skills useful in many settings.

Why UMD

- Active learning environment
- Access to state-of-the-art instrumentation
- Focus on undergraduate teaching and research

Acquired Skills

- Apply critical thinking and quantitative skills to solve chemistry-related problems.
- Effectively communicate (orally and in written form)
- Obtain experience with lab techniques and data analysis that can be transferred to real-world settings.

Career Possibilities

Those with chemistry knowledge have multiple career options in industry, government, health and academia.

Student Clubs

We have 2 chemistry and biochemistry clubs. The Chemistry and Biochemistry Club serves students in the department by fostering community outreach and by helping to strengthen chemistry education among undergraduate and local high-school students. The club also provides social activities, networking opportunities, and a platform for members to enhance their leadership and communications skills.

The Society of Chemists and Biochemists is focused on broadening scientific interests, engaging with the researchers and students behind the science and promoting personal and professional improvement. We accomplish this by fostering conversation and a sense of community among the chemists and biochemists on our campus.

In addition to these clubs many of our chemistry minors are involved in pre-professional clubs such as the following: Pre-Dentistry Club, Pre-Medicine Club (Pre-Med Club), Pre Optometry Club, Pre-OT Club, Pre-Pharmacy Club, Pre-Physical Therapy (Pre PT), Pre-Physician Assistant Club (Pre-PA Club), Pre-Veterinary Medicine Club

Chemistry Minor

Minor

Chemistry & Biochemistry

Swenson College of Science and Engineering