

CHEMISTRY - MINOR

What you will study

As a chemistry minor at Alverno, you become well grounded in the conceptual and practical knowledge that you need to do pure and applied research.

In the classroom, you examine the essential concepts of chemistry and begin building them into larger theoretical models. You gain solid technical and theoretical knowledge about the composition, structure, function, and properties of substances and the changes that they undergo.

In the laboratory, you learn to manipulate and analyze matter. You investigate and control various chemical reactions in organic and inorganic chemistry. You identify, quantify, and separate substances in quantitative and instrumental analysis. You apply all these techniques to the larger, more complex molecules in biochemistry. You compare your experimental results with the prediction of models and equations in physical chemistry.

Requirements

Code	Title	Credits
Math requirement		
MT-123	College Algebra	3
or MT-124	Trigonometry	
Chemistry requirements		
CH-213 & 213L	Chemistry of Bioorganic Molecules and Chemistry of Bioorganic Molecules Lab	4
CH-414	Chemistry Professional Portfolio	0
CH Course	Take 4 Chemistry (CH) courses from CH-221 and CH-221L, CH-234 and CH-234L, CH-260 and CH-260L, CH-322 and CH-322L, CH-328 and CH-328L, CH-337, CH-395, CH-441, CH-442, CH-450L	16
Total Credits		23