

CHEMISTRY, B.S. (BEHREND)

Begin Campus: Any Penn State Campus

End Campus: Erie

Program Description

This major is professionally approved by the American Chemical Society and provides a strong foundation in chemistry while preparing students for graduate or professional programs as well as for careers with companies and agencies requiring chemistry or related areas. The major provides students the opportunity to choose an area of specialization to meet their career goals as well as participate in undergraduate research with faculty members and/or industrial internships.

What is Chemistry?

Chemistry is the study of matter and its transformations. Chemists seek a molecular-level understanding of the ways in which atoms combine to form molecules and bulk materials, how molecular structure and interactions lead to macroscopic material properties, and how chemical transformations can be used to create useful materials and store energy. Research in chemistry intersects a variety of other fields including biology, physics, environmental science, geology, material science, medicine, and more.

You Might Like This Program If...

- You are curious about the world around you. How and why does it look, sound, smell, taste, and feel the way it does? What are objects composed of? Why do substances react the way they do?
- You find both theoretical and hands-on laboratory learning appealing.
- You enjoy the challenge of problem-solving.
- You are interested in working with instrumentation and making precise measurements.
- You want to study in an American Chemical Society-approved degree program.