Program Learning Objectives

- **Chemical Literature:** The student will acquire a foundation of chemistry of sufficient breadth and depth to enable them to critically interpret the primary chemical literature.
- **Communication:** The student will develop the ability to effectively communicate scientific information and research results in written and oral formats.
- **Experiment Design:** The student will learn the laboratory skills needed to design, safely conduct and interpret chemical research.
- **Integrate Knowledge:** The student will understand the interdisciplinary nature of chemistry and to integrate knowledge of mathematics, physics and other disciplines to a wide variety of chemical problems.
- **Periodic Table:** The student will understand the importance of the Periodic Table of the Elements, how it came to be, and its role in organizing chemical information.
- **Professionalism:** The student will learn professionalism, including the ability to work in teams and apply basic ethical principles.