

# Chemistry, MS

## Learning Outcomes

Students will:

- demonstrate an understanding of fundamental and advanced chemical principles, beyond those typical of undergraduate academic training;
- understand and utilize modern experimental and/or computational techniques for chemical analysis;
- execute and interpret experiments using advanced techniques and instrumentation;
- maintain rigorous safety and ethical standards in handling chemicals and conducting research;
- effectively communicate scientific findings in written reports and presentations; and
- develop the ability to transition into educational, research, and other professional roles requiring advanced chemical experience.