

# CHEMISTRY, M.S.

## LEARNING OUTCOMES

1. Articulates, critiques, and elaborates the theories, research methods, and approaches to inquiry in an area of chemistry.
2. Identifies sources and assembles evidence pertaining to questions or challenges in an area of chemistry.
3. Demonstrates understanding of chemical science in a historical, social, or global context.
4. Demonstrates the ability to select and utilize appropriate methodologies and practices to solve chemical problems.
5. Evaluates and synthesizes information pertaining to questions and challenges in an area of chemistry.
6. Communicates clearly in both written and oral formats.
7. Recognizes and applies principles of ethical and professional conduct.