

## Chemistry Program Learning Outcomes:

*Graduates from the Chemistry undergraduate degree program will be able to:*

- *Outcome 1:* Demonstrate a solid understanding of basic chemical principles and fundamental chemical knowledge in the four major areas of analytical, inorganic, organic, and physical chemistry.
- *Outcome 2:* Explain chemical and physical phenomena with scientific proficiency.
- *Outcome 3:* Demonstrate in-depth problem solving, critical thinking, and analytical reasoning.
- *Outcome 4:* Design chemical experiments and interpret data.
- *Outcome 5:* Search for, evaluate / interpret, and use information from scientific literature.
- *Outcome 6:* Effectively communicate chemical concepts and scientific results, both in writing and orally.
- *Outcome 7:* Collaborate effectively as part of a team.
- *Outcome 8:* Apply professionalism and ethics to decision making and conduct.
- *Outcome 9:* Recognize and prepare for meaningful employment opportunities.