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.