

Program Learning Outcomes

Chemistry Program Learning Outcomes –

- Define and explain the key ideas and foundational concepts in the chemical sciences.
- Demonstrate the correct use of chemical equipment and instrumentation and proper laboratory and safety techniques.
- Explain and apply the scientific method including designing, conducting and analyzing experiments.
- Locate, analyze and evaluate scientific literature and synthesize the information obtained to effectively communicate scientific information in written and/or oral format.
- Identify and assess ethical issues as they pertain to the chemical sciences.
- Solve problems in the chemical sciences using appropriate mathematical concepts and technology.
- Identify the role played by the chemical sciences as they relate to the individual and society.