

## **Program Learning Outcomes – Biology/Chemistry**

### **Biology Program Learning Outcomes –**

- Define and explain the key ideas and foundational concepts in the biological sciences.
- Demonstrate the correct use of biological 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 or oral format.
- Identify and assess ethical issues as they pertain to the biological sciences.
- Solve problems in the biological sciences using appropriate mathematical concepts and technology.
- Identify the role played by the biological sciences as they relate to the individual and society.