**BIOLOGY PROGRAM LEARNING OUTCOMES (PLOs) – Department of Biological Sciences**

**1. Knowledge: Mastery of Content and Process Inquiry.** Biology graduates will demonstrate knowledge and application of fundamental principles of living systems.

**2.** **Scientific Inquiry**. Biology graduates will have acquired the analytical skills and quantitative reasoning used in scientific inquiry, enabling lifelong engagement with progress in the life sciences.

**3. Communication.** Biology graduates will have developed the ability to effectively communicate scientific findings, concepts, and analyses through both oral and visual presentations and written reports and essays.

**4. Critical Thinking:** Biology graduates will be able to understand and critically evaluate evidence and arguments used in scientific work.

**5. Information Literacy**. Biology graduates will be familiar with tools that enable the search and retrieval of scientific literature and will be able to search, retrieve, and utilize the scientific literature.

**6. Awareness and Attitudes**. Biology graduates will have acquired a clear understanding of the role of science in society and the ethical conduct of science and be prepared to undertake careers in the biological sciences.