

## Learning Goals and Objectives for the Biology Program

Goal-1: Students learn to apply the scientific method and knowledge for solving biological problems.

- Objective1: Understand a biological problem or question and articulate its significance.
- Objective2: Critically evaluate an experimental method used to solve a biological problem.
- Objective3: Understand the results of a biological experiment presented in various formats.
- Objective4: Use a statistical tool to answer a biological question or solve a problem.
- Objective5: Use a technical tool to answer a biological question or solve a problem.
- Objective6: Critically evaluate evidence and sources of information for solving a biological problem.

Goal-2: Students learn to effectively communicate results of a biological study to any audience.

- Objective1: Create a convincing presentation of a biological research or project.
- Objective2: Give a convincing oral presentation of a biological research or project.