

BIOL 171L : Introduction to Biology Laboratory I

Credits: 1

Class Hours: 3 lab

Corequisites: BIOL 171 and CHEM 151 (or CHEM 161)

Comments: Cross-listed with MARE 171L.

Description: The laboratory complements BIOL 171 and must be taken concurrently with the lecture. It is intended to provide laboratory experiences that focus on organic molecules, cell structure, cell functions, and genetics.

Semester Offered: Fall

Designation:

Diversification: Lab (Science) — DY

Course Student Learning Outcomes (CSLOs):

1. Demonstrate the safety procedures appropriate to a biological laboratory setting.
2. Use the scientific method by demonstrating an ability to formulate a testable hypothesis, collecting data necessary to test the hypothesis, analyzing and interpreting the results (in graphical form when appropriate), and discussing the outcome of the experiment.
3. Collect and analyze scientific data using appropriate specialized equipment and computer software.