A. Course Description

Credits: 0

Prerequisites: CHEM 105 Survey of General, Organic, and Biochemistry
OR
CHEM 111 General Chemistry I

Lab Hours/Weeks: Corequisites: None

Lecture Hours/Week:

MnTC Goals: Goal 03 - Natural Science

Lab section for BIOL 225 Basic Microbiology. Formerly HBIO 205L.

B. Course Effective Dates: 05/09/2019 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. The successful student will be able to demonstrate mastery of the laboratory material of HBIO 205 Basic Microbiology.

E. Learning Outcomes (MN Transfer Curriculum)

Goal 03 - Natural Science

1. Formulate and test hypotheses by performing laboratory, simulation, or field experiments in at least two of the natural science disciplines. One of these experimental components should develop, in greater depth, students' laboratory experience in the collection of data, its statistical and graphical analysis, and an appreciation of its sources of error and uncertainty.
2. Demonstrate understanding of scientific theories.
3. Communicate their experimental findings, analyses, and interpretations both orally and in writing.
4. Evaluate societal issues from a natural science perspective, ask questions about the evidence presented, and make informed judgments about science-related topics and policies.

G. Special Information

Note: First day attendance required except by instructor permission. This course is S/NC grading only.