BIOL 240 General Microbiology

BIOL 240 GENERAL MICROBIOLOGY
Minimum 48 lecture hours and 48 lab hours plus 16 hours by arrangement per term. Introduction to the morphology, physiology, and genetics of microorganisms, with emphasis on bacteria and viruses. Includes environmental, applied microbiology, and the role of bacteria and viruses in health and disease. Laboratory work consists of isolation, cultivation, and identification of bacteria and techniques used to demonstrate microbial properties; including serological methods and bioinformatics. (Recommended for students majoring in life science, physical science, health science, and nursing). One or more field trips may be required. Letter Grade Only. Degree Credit.

Units: 4
Hours/semester: 48-54 Lecture; 48-54 Lab; 16-18 TBA; 80-90 Homework
Prerequisites: A college level biology course with a lab AND a college level chemistry course with a lab. This includes BIOL 110, BIOL 210, BIOL 220, BIOL 230, BIOL 250, BIOL 260, BIOL 130 with BIOL 132 (lab), BIOL 225 (Canada), OR BIOL 215 (Skyline), AND CHEM 192, CHEM 210, or CHEM 410.
Recommended: Eligibility for MATH 110 or MATH 111.
AA/AS Degree Requirements: Area E5a
Transfer Credit: CSU (CSU GE Area B2 and B3), UC (IGETC Area 5B and 5C).

Courses marked with a (*) are transferable with unit limitations as specified in assist.org.
If you have questions, see your counselor.