

MICR 130 : General Microbiology

Credits: 3

Class Hours: 3 lecture

Prerequisites: Qualified for ENG 100. Qualified for MATH 82X.

Corequisite Courses:

MICR 140L

Description: This course is an introduction in microbiology with emphasis on the bacteria. The course includes topics in microbial morphology, metabolism, genetics, immunology, and selected topics in applied microbiology and virology. Special topics in microbial and parasitic diseases of man, animal, and plants will be used to illustrate the diversity and complexity of these microorganisms.

Semester Offered: Fall

Designation:

Diversification: Biological Sciences – DB

Course Student Learning Outcomes (CSLOs):

1. Explain the basics of microbial genetics.
2. Explain the concepts of microbial cell biology.
3. Categorize the different kinds of microorganisms.
4. Evaluate the interaction between microorganisms and humans.