

COURSE TITLE: Honors Microbiology
COURSE LENGTH: 1 semester
COURSE CREDIT: 0 .5 credit

COURSE TYPE: elective
GRADE LEVEL: 11, 12
PREREQUISITE: B or higher in Biology,
Chemistry, or Physics

COURSE GOALS:

1. Students will research the history and development of microbiology as a science.
2. Students will describe the structure and function of bacteria.
3. Students will analyze the characteristics of fungi.
4. Students will summarize the characteristics of protists.
5. Students will describe the structure and function of viruses.
6. Students will gather information on the importance of microorganisms in industry.

COURSE CONTENT:

1. History of microbiology
2. Bacteria
3. Fungi
4. Protists
5. Viruses
6. Industrial microbiology