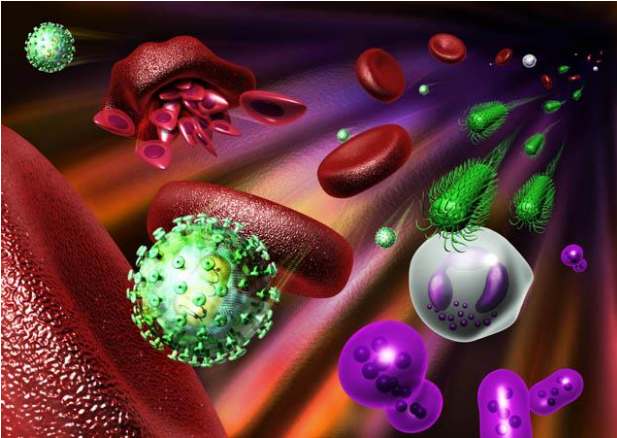


# Medical Microbiology



**Prerequisite:** Biology AND Chemistry AND any intermediate level HS course

**Course:** 812OCT

**Credits:** 1

**Length:** 18 weeks

**Placement:** 11-12

## Course Description

Students will study the relationships of microorganisms to wellness and disease. Students will develop knowledge and skills related to disease prevention by learning chain of infection, asepsis, and standard precautions. Pathogenic and nonpathogenic organisms will be identified to assist the understanding of specific diseases, causative agents, and treatment options.

**Note:** Course can be used as an additional science credit for graduation.

## Student Activities

This course will include the following laboratory activities: microscope use, slide fixation, medium fixation, staining (both simple and gram), and microorganism identification. This course will also contain, but is not limited to, projects over community awareness, pathogens, and diseases.

## Additional Considerations

Students must have successfully completed Biology and Chemistry without modification. Students need fine motor skills and mobility to work with sharp instruments.

## Organizations/After School/Competitions

Mansfield Medical Club

