

# BIOL-400 : Microbiology

Introductory survey of microbiology with an emphasis on bacteriology. The lecture component covers the structure, nutrition, metabolism, and genetics of microbes, medical microbiology, diagnostic techniques, microbial ecology, and industrial microbiology. The lab component includes biological safety, microscopy, culture techniques, media, staining, identification of unknown bacteria and an independent research project. Two lectures and two labs per week.

**Credits** 4

**Recommended Prerequisites**

[BIOL-325](#)

**Prerequisites**

[BIOL-309](#) or permission of instructor

**Term Offered**

Fall Only

**Session Cycle**

F