

# Biology: Micro (BIOM)

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## Courses

### **BIOM 250 Microbiology for Health Sciences w/ Lab**

Credits: 4 (3 Lecture, 1 Lab)

Term: (F, S, Su based on sufficient demand)

Prerequisite: BIOH 104 or BIOH 108 or BIOH 201 or consent of instructor  
Aspects of microbial life are examined in relation to growth requirements, reproduction, and disease-producing capabilities. Topics include basic biochemistry, prokaryotic and eukaryotic morphology, microbial metabolism, genetics, and classification. In addition to the previous topics, mechanisms of infection, epidemiology, immune response, and the major microbial pathogens of the human body will be explored. Emphasis will be placed on the control and spread of microorganisms and disease prevention. This course includes a required lab component.