Michigan Technological University  
Minor in Microbiology  
Program Code BLMB, Academic Year 2024-25  
Department of Biological Sciences  
Total Credits Required: 18

Required Courses: 7 to 8 credits

- BL 1200 General Biology II (3)  \textit{Prereqs: none}  
  and BL 1210 General Biology II Laboratory (1)  \textit{Prereqs: none}  
  or BL 1400 Principles of Biology (3)  \textit{Prereqs: none}  
  and BL 1410 Principles of Biology Laboratory (1)  \textit{Prereqs: none}

- BL 3210 General Microbiology \textit{Prereqs: (BL 1200 and BL1210) or (BL1400 and BL1410)}  
  or BL 3310 Environmental Microbiology (3)  \textit{Prereqs: BL3080 (BL1200 and BL1210) or (BL1400 and BL1410)}

Elective Courses 10 to 11 credits

- BL 3012 Essential Cell Biology (3)  \textit{Prereqs: (BL1200 and BL1210) or (BL1400 and BL1410)}
- BL 3230 Medical Bacteriology (4)  \textit{Prereqs: BL3210}
- BL 3300 Introduction to Genomics (3)  \textit{Prereqs: BL2200 or FW3320}
- BL 4000 Research in Biology (1-3)  \textit{Permission of instructor required}
- BL 4070 Environmental Toxicology (3)  \textit{Prereqs: (BL1200 and BL1210) or (BL1400 and BL1410) and CH1150 and CH1160}
- BL 4120 Environmental Remediation (3)  \textit{Prereqs: (BL1200 and BL1210) or (BL1400 and BL1410)}
- BL 4145 Plant Microbe Interactions (3)  \textit{Prereqs: BL2200}
- BL 4200 Microbial Physiology (3)  \textit{Prereqs: BL3210 or BL3310}
- BL 4300 Applied Genomics (3)  \textit{Prereqs: BL 3300}
- BL 4400 Microbial Ecology (3)  \textit{Prereqs: BL3210 or BL3310 or BL3490}