

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) *Prereqs: none*
and BL 1210 General Biology II Laboratory (1) *Prereqs: none*
or BL 1400 Principles of Biology (3) *Prereqs: none*
and BL 1410 Principles of Biology Laboratory (1) *Prereqs: none*
- BL 3210 General Microbiology *Prereqs: (BL 1200 and BL1210) or (BL1400 and BL1410)*
or BL 3310 Environmental Microbiology (3) *Prereqs: BL3080 (BL1200 and BL1210) or (BL1400 and BL1410)*

Elective Courses 10 to 11 credits

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