

## Michigan Technological University

### Minor in Biochemistry

Program Code BLBC, Academic Year 2024-25

Department of Biological Sciences

Total Credits Required: 18

#### Required Courses: 12 to 13 credits

- BL 1200 General Biology II (3) and BL 1210 General Biology II Laboratory (1) *Prereqs: none*  
or BL 1400 Principles of Biology (3) and BL 1410 Principles of Biology Laboratory (1) *Prereqs: none*
- BL 3020 Biochemistry I (3) *Prereqs: BE2400 or (BL1200 and BL1210) or (BL1400 and BL1410) and (CH2410 or CH2420)*
- BL 4020 Biochemistry II (3) *Prereqs: BL3020*
- BL 3820 Biochemical Techniques (2) *Prereqs: BL3020(C) or CH4710(C)*  
or BL 4840 Molecular Techniques (3) *Prereqs: BL2200 and BL4030(C)*

#### Elective Courses: 5 to 6 credits

- BL 3300 Introduction to Genomics (3) *Prereqs: BL2200 or FW3320.*
- BL 3820 Biochemical Techniques (2) *Prereqs: BL3020(C) or CH4710(C)*
- BL 4030 Epigenetics (3) *Prereqs: BL3300 or BL4030*
- BL 4153 Applied Genome Editing (3) *Prereqs: BL2200 or FW3230*
- BL 4300 Applied Genomics (3) *Prereqs: BL 3300*
- BL 4840 Molecular Techniques (3) *Prereqs: BL2200 and BL4030(C)*
- BL 4995 Research in Biochemistry (1-3) *Permission of instructor required*