Michigan Technological University Bachelor of Science Degree Audit  
Major Program: Human Biology  
Program Code: SHB, Academic Year 2023-2024  
Total credits required for the degree: 120

Biology Requirements: 26 credits  
- BL 1580 (1)  
- BL 1100 (3) and BL 1110 (1)  
- BL 1200 (3) and BL 1210 (1)  
- BL 2010 (3) and BL 2011 (1)  
- BL 2020 (3) and BL 2021 (1)  
- BL 2200 (3) and BL 2210 (1)  
- BL 2940 (3)  
- BL 3782 (2)  

Chemistry Requirements: 17 credits  
- CH 1150 (3) and CH 1151 (1)  
- CH 1160 (3) and CH 1161 (1)  
- CH 2410 (3) and CH 2411 (1)  
- CH 2420 (3) and CH 2421 (2)  

Math and Physics Requirements: 15 credits  
- MA 1135 (4)  
- MA 3715 (2)  
- PH 1110 (3) and PH 1111 (1)  
- PH 1210 (3) and PH 1200 (1)  

Biology Elective Requirement: 9 to 14 credits  
Choose 9 credits from the following:  
BL3012, BL3025, BL3210, BL3220, BL3230, BL3300, BL3640, BL3820, BL4030, BL4038, BL4070, BL4200, BL4370, BL4550, BL4720 & BL4730, BL4752, BL4800, BL4840

Evolution Elective Requirement: 3 to 4 credits  
Choose one of the following:  
BL3490, BL4410, SS3250

Advanced Physiology Requirement: 3 to 4 credits  
Choose one of the following courses or combinations  
BL 3044, BL4044, BL4380, KIP4100 & KIP4110, PSY 3060

Human/Environment Interactions: 3 credits  
Choose one of the following:  
KIP4740, SS2100, SS2300, SS2400, SS2700, SS3313, SS3315, BL3970

Biology Capstone: 6 credits  
- BL 4600 (1)

Experiential Learning: Choose 5 credits  
BL3990, BL4000, BL4153, BL4300, BL4310, BL4995, BL4999, ENT3960, ENT3960, ENT4900, ENT4910

Free Electives: 7 to 14 credits  
Any coursework is allowable, excluding co-curricular and coursework below the 1000-level.
General Education Core, Humanities, Fine Arts, and Social Science (HASS) Requirements: 24 credits
Courses used to complete Core and HASS requirements may not be used to complete other degree requirements. Students must complete 12 credits of Core coursework and 12 credits of Humanities, Fine Arts, and Social Science (HASS) coursework. Repeatable courses may not be repeated for general education credit. Core and HASS courses can be found on the General Education page.

Core: 12 credits
- UN 1015 (3)
- UN 1025 or an upper level modern language (3)
- Critical and Creative Thinking (3)
- Social Responsibility and Ethical Reasoning (3)

HASS: 12 credits, at least 6 of the 12 credits must be at the 3000-level or 4000-level.
- Communication/Composition (minimum 3 credits)
- Humanities and Fine Arts (minimum 3 credits)
- Social and Behavioral Sciences (minimum 3 credits)
- Any course from the General Education Core, HASS, or Restricted HASS course list (0 to 3 credits)

Co-curricular Activities: 3 credits
Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree. Only courses on the co-curricular course list are eligible. Half (0.5) credit courses may be repeated to a maximum of one time for co-curricular credit. Find eligible courses on the General Education page.