

Michigan Technological University
Bachelor of Science Degree Audit
Major Program: Human Biology
Program Code SHB, Academic Year 2021-22
Total credits required for the degree: 120

Biology Requirements: 26 credits

Course	Credits
BL 1580	1
BL 1100 (3) and BL 1110 (1)	4
BL 1200 (3) and BL 1210 (1)	4
BL 2010 (3) and BL 2011 (1)	4
BL 2020 (3) and BL 2021 (1)	4
BL 2200 (3) and BL 2210 (1)	4
BL 2940	3
BL 3782	2

Chemistry Requirements: 17 credits

Course	Credits
CH 1150 (3) and CH 1151 (1)	4
CH 1160 (3) and CH 1161 (1)	4
CH 2410 (3) and CH 2411 (1)	4
CH 2420 (3) and Ch 2421 (2)	5

Math and Physics Requirements: 15 credits

Course	Credits
MA 1135	4
MA 3715	3
PH 1110 (3) and PH 1111 (1)	4
PH 1210 (3) and PH 1200 (1)	4

Biology Elective Requirements: 9 to 14 credits

Choose at least 9 credits from the following
BL 3012, 3020, 3210, 3220, 3230, 3300, 3640, 3820,
4020, 4030, 4038, 4070, 4200, 4370, 4550, 4720 &
4730, 4752, 4800, 4840

Course	Credits

Evolution Elective Requirement: 3 to 4 credits

Choose one of the following
BL 3490, BL 4410, SS 3250

Course	Credits

Advanced Physiology Requirement: 3 to 4 credits

Choose at least 9 credits from the following
BL 3044, 4044, 4380, KIP 4100 & 4110, PSY 3060

Course	Credits
	3

Human/Environment Interactions: 3 credits

Choose one of the following
KIP 4740, SS 2100, 2300, 2400, 2700

Course	Credits
	3

Capstone Requirement: 3 credits

Choose one of the following capstone options:

[Research Capstone](#)

Course	Credits
BL 4000 or 4001 or 4995	2
BL 4530	1

[Healthcare or Industry Internship Capstone](#)

Course	Credits
BL 4999	2
BL 4530	1

[Teaching Experience Capstone](#)

Course	Credits
BL 3990	1
BL 4510	2

Free Electives: 10 to 17 credits

Any coursework is allowable, excluding co-curricular
and coursework below the 1000-level.

Course	Credits

General Education Core and HASS

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

Course	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

Six of the 12 HASS credits must be at the 3000 or 4000 level (an upper division language course in place of UN1025 does not meet this requirement). No more than three credits may come from the HASS Restricted course list.

Course	Credits
Communication/ Composition	Minimum 3
Humanities and Fine Arts	Minimum 3
Social and Behavioral Sciences	Minimum 3
Course from any list above or from the Restricted HASS course list	0 to 3

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 credit (0.5) courses may be repeated to a maximum of one time for co-curricular credit. Find eligible courses on the [General Education](#) page.

Course	Credits