

Michigan Technological University
Bachelor of Science Degree Audit
Major Program: Biological Sciences, Concentration: General
 Program Code: SBL1, Academic Year 2020-21
 Total credits required for the degree: 120

Biology Requirements: 14 credits

Course	Credits
BL 1100 and BL 1110	3 1
BL 1200 and BL 1210	3 1
BL 2200 and BL 2210	3 1
BL 3782	2

Chemistry Requirements: 17 credits

Course	Credits
CH 1150 and CH 1151	3 1
CH 1160 and CH 1161	3 1
CH 2410 and CH 2411	3 1
CH 2420 and CH 2421	3 2

Mathematics Requirements: 7 credits

Course	Credits
MA 1135	4
MA 3715	3

Physics Requirements: 8 credits

Course	Credits
PH 1110 and PH 1111	3 1
PH 1210 and PH 1200	3 1

Biology Capstone Requirement: 2 to 3 credits

Select either Biology Capstone option. Research credits in Biology (BL 4000/4001) may be taken individually and require arrangement with the instructor. Additional research credits beyond the capstone requirement count as free elective credits.

Course	Credits
BL 4510 or BL 4000 or BL 4001 and BL 4530	2 2 1

Concentration Requirements: 30 credits

Concentration Courses: 14 credits

Course	Credits
BL 1580	1
BL 3012	3
BL 3020	3
BL 3190	3
BL 3400	4

Biology lab course requirement: 4 credits

Choose one course (or set) with a lab option

Course	Credits
BL 2010 and BL 2011	3 1
BL 2020 and BL 2021	3 1
BL 2160	4
BL 2170	4

Cellular and Organismal Track Requirements

Select at least 12 approved elective credits from the lists below. Courses may not count in more than one section.

Cellular Track: select a minimum of 6 credits

Lab Courses: BL 3210, BL 3310, BL 3820, BL 4035, BL 4042, BL 4052, BL 4062, BL 4120, BL 4135, BL 4145, BL 4720 and BL 4730, BL 4800, BL 4840

Other Courses: BL 3220, BL 3300, BL 3640, BL 4020, BL 4030, BL 4038, BL 4070, BL 4200, BL 4300, BL 4370, BL 4410, BL 4752

Course	Credits

Organismal Track: select a minimum of 6 credits

Lab Courses: BL 3230, BL 3780, BL 3999, BL 4036, BL 4090, BL 4141, BL 4145, BL 4421, BL 4440, BL 4447, BL 4450, BL 4550

Other Courses: BL 3010, BL 3044, BL 4034, BL 4044, BL 4140, BL 4380, BL 4461, BL 4465, BL 4640

Course	Credits

