

B.S. Human Biology (SBL) Degree

This is not an official list of degree requirements. Adjustments may be required due to curriculum changes.

First Year

Fall

Course	Prerequisite	Credit
UN 1015 Composition		3
MA 1135 Calculus for Life Sciences	Yes	4
BL 1100 Gen Bio I		3
BL 1110 Gen Bio I Lab		1
CH 1150 University Chemistry I	Yes	3
CH1151 University Chemistry I Lab	Yes	1
Essential Education: Michigan Tech Seminar BL 1580		1
Total		16

Spring

Course	Prerequisite	Credit
Essential Education: Foundations of the Human World		3
Essential Education: Activities for Well-being and Success		1
BL 1200 Gen Bio II		3
BL 1210 Gen Bio II Lab		1
CH 1160 University Chemistry II	Yes	3
CH 1161 University Chemistry II Lab	Yes	1
Essential Education: Arts & Culture		3
Total		15

Second Year

Fall

Course	Prerequisite	Credit
BL 1710 Medical Terminology		1
BL 2010 Anatomy & Physiology I		3
BL 2011 Anatomy & Physiology I Lab		1
CH 2410 Organic Chemistry I	Yes	3
CH 2411 Organic Chemistry Lab I	Yes	1
Essential Education: Communication Intensive		3
Essential Education: SHAPE		3
Total		15

Spring

Course	Prerequisite	Credit
BL 2200 Genetics	Yes	3
BL 2210 Genetics Lab	Yes	1
BL 2020 Anatomy & Physiology II	Yes	3
BL 2021 Anatomy & Physiology II Lab	Yes	1
CH 2420 Organic Chemistry II	Yes	3
CH 2421 Organic Chemistry II Lab	Yes	2
BL 2940 Human Nutrition		3
Total		16

Third Year

Fall

Course	Prerequisite	Credit
Essential Education: Intercultural Competency		3
Essential Education: Activities for Well-being and Success		1
BL 3044 Advanced Physiology*	Yes	3
PH 1110 College Physics	Yes	3
PH 1111 College Physics I Lab	Yes	1
Major Elective		3
Total		14

Spring

Course	Prerequisite	Credit
Essential Education: Experience		3
BL 3970 Current Health Issues		3
BL 4410 or SS 3250 Evolution Elective**	Yes	3
MA 3715 Biostatistics	Yes	3
PH 1210 College Physics II	Yes	3
PH 1200 College Physics II Lab	Yes	1
Total		16

** BL 3490 also allowed but offered only in fall

*BL 4044 Human Pathophysiology also allowed by offered in spring

Fourth Year

Fall

Course	Prerequisite	Credit
Essential Education: Activities for Well-being and Success		1
Major Electives		6
BL 3782 Writing practicum		2
Free Elective		3
Free Elective		3
Total		15

Spring

Course	Prerequisite	Credit
Major Elective		3
BL 4600 Professional Dev Capstone	Yes	1
Exp Learning Capstone		5
Free Elective		4
Total		13

Grand Total = 120 Credits