B.S. Ecology and Evolutionary Biology (SEEB) 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	Co-Req	1
CH 1150 University Chemistry I	Yes	3
CH 1151 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
Essential Education: Arts and Culture		3
BL 1200 Gen Bio II		3
BL 1210 Gen Bio II Lab	Co-Req	1
CH 1160 University Chemistry II	Yes	3
CH 1161 University Chemistry II Lab	Yes	1
Total		**15**

Second Year

Fall

Course	Prerequisite	Credit
BL 2003 Field Experience	Yes	1
BL 3490 Principles of Ecology and Evolution	Yes	4
Free Elective	Yes	3
**Related Science and Math elective	Yes	3-4
Essential Education: Comm and Comp		3
Total		**15**

Spring

Course	Prerequisite	Credit
Essential Education: Intercultural Comp		3
BL 3003 Data Interpretation and Critical Analysis	Yes	1
BL 3034 Foundations of Evolutionary Biology		3
Essential Education: Activities for Well-being and Success		1
BL 2200 Genetics	Yes	3
BL 2210 Genetics Lab	Yes	1
MA 3715 Biostatistics	Yes	3
Total		**15**

**Choose from Organic Chem, Intro to programming, Physics or Calculus II.

Third Year

Fall

Course	Prerequisite	Credit
Social Ecology Elective		3
Major Elective		4
Major Elective		3
Free Elective		3
Essential Education: Activities for Well-being and Success		1
Essential Education: SHAPE		3
Total		**17**

Spring

Course	Prerequisite	Credit
Essential Education: Experience		3
Major Elective		3
Major Elective		3
*Organismal Biology Elective		3-4
Free Elective		3
Total		**16**

*Choose from Botany, Zoology , Environmental Microbiology (Spring only) and Fish Biology (Fall only)

Fourth Year

Fall

Course	Prerequisite	Credit
Major Elective		3
Major Elective		3
Free Elective		3
BL 3782 Writing Practicum		2
Free Elective		3
Total		**14**

Spring

Course	Prerequisite	Credit
BL 4600 Prof	Yes	1
BL Exp Learning Capstone		5
Major elective		4
Major Elective		4
Total		**14**

Grand Total = 120-122 Credits

For 2026-2027 –Revised Summer 2026

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**Required Elective must be chosen Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

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