

## 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
<b>Total</b>		<b>16</b>

#### 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
<b>Total</b>		<b>15</b>

### Second Year

#### Fall

Course	Prerequisite	Credit
BL 2003 Field Experience	Yes	1
BL 3490 Principles of Ecology and evolution	Yes	4
*Organismal Biology Elective	Yes	4
**Related Science and Math elective	Yes	3-4
Essential Education: Comm and Comp		3
<b>Total</b>		<b>16</b>

#### Spring

Course	Prerequisite	Credit
Essential Education: Intercultural Competency		3
BL 3003 Data Interpretation and Critical Analysis	Yes	1
*Organismal Biology Elective		3-4
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
<b>Total</b>		<b>16</b>

\*Choose 2 options from Botany, Zoology, Environmental Microbiology (Spring only) and Fish Biology (Fall only)

\*\*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
<b>Total</b>		<b>14</b>

#### Spring

Course	Prerequisite	Credit
Essential Education: Experience		3
Major Elective		3
Major Elective		3
Free Elective		3
Free Elective		3
<b>Total</b>		<b>15</b>

### Fourth Year

#### Fall

Course	Prerequisite	Credit
Major Elective		3
Major Elective		3
Free Elective		3
BL 3782 Writing Practicum		2
Free Elective		3
<b>Total</b>		<b>14</b>

#### Spring

Course	Prerequisite	Credit
BL 4600 Prof	Yes	1
BL Exp Learning Capstone		5
Major elective		4
Major Elective		4
<b>Total</b>		<b>14</b>

**Grand Total = 120 Credits**