

**B.S. Ecology and Environmental Sciences--Sample Program Sequence Fall 2023--**

*Sequence varies widely depending on concentration. Students and advisors should carefully review curriculum and pay close attention to timing of courses, prerequisites, etc.*

<b>First Year</b>	<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
	BIO 100--Biology	4	BIO 200 --Bio. of Organisms <sup>1</sup> /Gen Ed.	4 or 3
	ENG 101--College Composition	3	EES 100 --Human Population and the Global Environment MAT 116 OR MAT 122 or MAT 126 -- Intro to Calc, Pre-Calculus or Calculus	3 4
	EES 117 --Intro to Ecology and Environmental Sciences	2	CMJ 103 OR CMJ 107 in fall <sup>2</sup>	4
	ERS 102-- Environmental Geology OR ERS 101	4	Gen Ed or Concentration Course	3
	Gen Ed	3		3
	<b>Semester Credits</b>	<b>16</b>	<b>Semester Credits</b>	<b>16-17</b>

<b>Second Year</b>	<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
	EES 217 (or Fall of Third Year)	1-2	BIO 319 or Concentration <sup>3</sup>	3
	WLE 200--Ecology <b>OR</b> SMS 300 <b>(OR BIO 319)</b> <sup>3</sup>	4	CHY 122/124 -- Chemistry II & Lab OR Physics 111	4
	CMJ 107 -- Communication and the Environment <b>OR</b> CMJ 103 <sup>2</sup>	3	STS 132 -- Statistics <b>OR</b> WLE 220 <b>OR</b> SFR 205 <sup>4</sup>	3 or 4
	CHY 121/123 -- Chemistry I & Lab	4	EES 140/141 Soil Science	4
	ECO 180	3	Concentration Course	3
	<b>Semester Credits</b>	<b>14-15</b>	<b>Semester Credits</b>	<b>17-18</b>

<b>Third Year</b>	<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
	EES 217 (or Fall of Second Year) <sup>3</sup>	1-2	SFR 400 -- Applied GIS <b>OR</b> ERS 301 (fall course) <b>(OR</b> Senior Yr.)	3
	EES 324-- Environmental Law & Policy	3	PHI 232 <b>(OR</b> ECO 381 in fall) <sup>5</sup>	3-4
	ECO 381--Ethics <b>OR</b> PHI 232 <sup>5</sup>	3	EES 390 -- Junior Seminar	3-4
	ENG 317 --Business & Tech Writing <b>OR</b> ENG 315	3	Concentration Course _____	3-4
	Concentration Course(s) _____	3-8	Concentration Course or Free Elective _____	3
	<b>Semester Credits</b>	<b>14-16</b>	<b>Semester Credits</b>	<b>15-18</b>

<b>Fourth Year</b>	<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
	EES 489--Critical Issues in EES <sup>6</sup>	4		3
	Concentration Course _____	3 or 4	Concentration Course _____	3 or 4
	Concentration Course _____	3 or 4	Concentration Course or Free Elective _____	3 or 4
	Concentration Course _____	3 or 4	Concentration Course or Free Elective _____	3 or 4
	<b>Semester Credits</b>	<b>13-16</b>	<b>Semester Credits</b>	<b>14-16</b>

<sup>1</sup> BIO 200 required for all concentrations except for Earth and Environmental Sciences & Sustainability, however, BIO 200 is now a prerequisite for WLE 200, BIO 319, and SMS 300.

<sup>2</sup> Student chooses CMJ 103 (fall/spring), OR CMJ 107 (fall).

<sup>3</sup> Students in Ecosystem Ecology Marine Ecosystems must take SMS 300. BIO 319 is offered in the spring.

<sup>4</sup> Students in Ecosystem Ecology Forest Ecosystems Option must take SFR 205

<sup>5</sup> Student chooses ECO 381 (fall course) or PHI 232 (fall/spring course)

**B.S. Ecology and Environmental Sciences—Sample Honors Program Sequence Fall 2023**

*Sequence varies widely depending on concentration. Students and advisors should carefully review curriculum and pay close attention to timing of courses, prerequisites, etc.*

Year	Term	Courses	Credits	Spring	Credits	
First Year	Fall	BIO 100--Biology	4	BIO 200 --Bio. of Organisms 1/Gen Ed.	3-4	
		HON 111 <sup>2</sup>	3	EES 100 --Human Population and the Global Environment	3	
		EES 117 --Intro to Ecology and Environmental Sciences	2	MAT 116 <b>OR</b> MAT 122 <b>OR</b> MAT 126—Intro. Calculus, Pre-Calculus, Calculus	3-4	
		ERS 102 -- Environmental Geology <b>OR</b> ERS 101	4	CMJ 103 <b>OR</b> CMJ 107 (fall)	3	
		Additional Course	3	HON 112	4	
			<b>Semester Credits</b>	<b>16</b>	<b>Semester Credits</b>	<b>17-18</b>
Second Year	Fall	EES 217 (or Fall of Third Year)	1-2	BIO 319 or Concentration <sup>3</sup>	3	
		WLE 200--Ecology <b>OR</b> SMS 300 ( <b>OR</b> BIO 319) <sup>3</sup>	4	CHY 122/124 -- Chemistry II & Lab <b>OR</b> PHY 111 General Physics I	4	
		CMJ 107 -- Communication and the Environment <b>OR</b> CMJ 103	3	STS 132 -- Statistics <b>OR</b> WLE 220 <b>OR</b> SFR 205 <sup>4</sup>	3-4	
		CHY 121/123 -- Chemistry I & Lab	4	EES 140/141 Soil Science & Lab	4	
		ECO 180	3	HON 212	4	
		HON 211	4			
			<b>Semester Credits</b>	<b>18</b>	<b>Semester Credits</b>	<b>18</b>
Third Year	Fall	EES 217 (or Fall of Second Year)	1-2	SFR 400 -- Applied GIS <b>OR</b> ERS 301 (fall course) ( <b>OR</b> Senior Yr.)	4	
		EES 324-- Environmental Law & Policy	3	EES 390--Junior Seminar	3	
		HON 3XX Honors Tutorial	3	Concentration Course _____	3-4	
		ENG 317 --Business & Tech Writing <b>OR</b> ENG 315	3	Concentration Course _____	3-4	
		Concentration Course _____	3-4	Concentration Course or Free Elective _____	3	
			<b>Semester Credits</b>	<b>14-16</b>	<b>Semester Credits</b>	<b>16-18</b>
Fourth Year	Fall	HON 498 -- Honors Independent Research	3	HON 499 -- Honors Thesis	3	
		Concentration Course _____	3 or 4	Concentration Course _____	3 or 4	
		Concentration Course _____	3 or 4	Concentration Course or Free Elective _____	3 or 4	
		Concentration Course _____	3 or 4	Concentration Course or Free Elective _____	3 or 4	
		<b>Semester Credits</b>	<b>13-16</b>	<b>Semester Credits</b>	<b>14-16</b>	

<sup>1</sup> BIO 200 required for all concentrations except for Earth and Environmental Sciences & Sustainability, however, BIO 200 is now a prerequisite for WLE 200, BIO 319, and SMS 300.

<sup>2</sup> Students that don't complete the honors sequence should consult with his/her advisor to make sure general education requirements are met.

<sup>3</sup> Students in Ecosystem Ecology Marine Ecosystems must take SMS 300. BIO 319 is offered in the spring.

<sup>4</sup> Students in Ecosystem Ecology Forest Ecosystems Option must take SFR 205