

**Iowa State University 2020-2021**  
**B.S. DEGREE in ENVIRONMENTAL SCIENCE (LAS)**

Semester 1	FRESHMAN YEAR		Semester 2
Critical Thinking & Comm. - Engl 150	3	Exploration of Env. Sci. - EnSci 203 <sup>1</sup>	1
Orientation – EnSci 110 <sup>1</sup>	1	Principles of Biology I - Biol 211	3
Environmental Issues – EnSci 201 <sup>1</sup>	2	Principles of Biology Lab - Biol 211L	1
Env. & Sustain. Issues – EnSci 202 <sup>1</sup>	1	or Elective	
General Chemistry - Chem 177 & 177L	5	Physical or Life Science choice	3
Statistics – Stat 101 or 104	3	Calculus - Math 160 or 165	4
Library Instruction - Lib 160	1	Arts and Humanities Choice <sup>2</sup>	3
	<u>16</u>		<u>15</u>

Semester 3	SOPHOMORE YEAR		Semester 4
Environmental Geography – EnSci 250 <sup>1</sup>	3	Biol. Processes in Env. – EnSci 251 <sup>1</sup>	3
Social Science Choice <sup>2</sup>	3	Organic Chemistry Choice <sup>3</sup>	3
Physics for the Life Sciences – Phys 115	4	Physical or Life Science Choice <sup>3</sup>	3
Composition - Engl 250	3	Arts and Humanities Choice <sup>2</sup>	3
Arts and Humanities Choice <sup>2</sup>	3	Social Science Choice <sup>2</sup>	3
	<u>16</u>		<u>15</u>

*\*Summer: Consider field experience such as an internship or field station courses.*

Semester 5	JUNIOR YEAR		Semester 6
Environmental Systems I – EnSci 381 <sup>1</sup>	3	Environmental Systems II – EnSci 382 <sup>1</sup>	3
Environmental Science Choice <sup>1</sup>	3	Intro to Ecosystems – EnSci 384 <sup>1</sup>	3
Arts and Humanities Choice <sup>2</sup>	3	Environmental Science Choice <sup>1</sup>	3
Elective	3	Social Science Choice <sup>2</sup>	3
Elective	3	Elective	3
	<u>15</u>		<u>15</u>

*\*Summer: Consider field experience such as an internship or field station courses.*

Semester 7	SENIOR YEAR		Semester 8
Environmental Science Choice <sup>1</sup>	3	Environmental Science Choice <sup>1</sup>	3
Social Science Choice <sup>2</sup>	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
	<u>15</u>		<u>15</u>

Students in all ISU majors must complete 3 credits in U.S. diversity and 3 credits in international perspectives from approved lists. Check the Environmental Science website (<http://www.ensci.iastate.edu>) for a list of approved courses.

Minimum of 120 total credits required, **including a minimum of 45 credits at the 300/400 level.**

- Students complete at least 32 credits in Environmental Science including EnSci 110, 201, 202, 203, 250, 251, 381, 382, 384 and 12 additional credits of approved EnSci coursework.
- Students complete at least 12 credits in arts and humanities and 9 credits in social science from approved lists. These credits can also be used to meet the U.S. Diversity and International Perspectives requirement.
- Students choose two courses from the following Physical or Life Science related courses: Agron 182, Agron 282, Biol 212, Chem 178, Geol 100, Geol 201, Mteor 206. Students choose from one of the following Organic Chemistry options: Chem 231 & 231L, Chem 331 & 331L, BBMB 221, or Agron 259.