

Iowa State University 2020-2021
B.S. DEGREE in ENVIRONMENTAL SCIENCE (CAL5)

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

Semester 3	SOPHOMORE YEAR		Semester 4
Environmental Geography – EnSci 250 ¹	3	Biol. Processes in Env. – EnSci 251 ¹	3
Social Science or Humanities Choice ²	3	Organic Chemistry Choice ³	3
Physics for the Life Sciences – Phys 115	4	Physical or Life Science Choice ³	3
Composition - Engl 250	3	Social Science or Humanities Choice ²	3
Elective	3	Fund. Public Speaking – SP CM 212	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 ¹	3	Environmental Systems II – EnSci 382 ¹	3
Environmental Science Choice ¹	3	Intro to Ecosystems – EnSci 384	3
Social Science or Humanities Choice ²	3	Environmental Science Choice ¹	3
Ethics ²	3	Elective	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 ¹	3	Environmental Science Choice ¹	3
Elective	3	Environmental Science Choice ¹	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.

- 1 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.
- 2 Students complete at least 15 credits in humanities and social science including at least 3 credits each in ethics, humanities, social science, U.S. Diversity, and International Perspectives from approved lists.
- 3 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.