

Credits Course number Course Title

Departmental/Program Major Courses (120 credits)**Required Major Courses (7 credits)**

1	NRES 20000	Introduction to Environmental Careers
	NRES 23000 or	
3	AGRY 33500	Survey of Meteorology or Weather and Climate
3	NRES 25500	Soil Science
3	NRES 29000	Introduction to Environmental Science

Other Departmental /Program Course Requirements (100 credits) (See Advising Resources)

3	AGEC 40600	Natural Resource and Environmental Economics
0.5	AGR 10100	Introduction to the College of Agriculture and Purdue University
0.5	AGR 12200	Introduction to Natural Resources and Environmental Science
3	AGRY 33700	Environmental Hydrology
4	BIOL 11000	Fundamentals of Biology I
	BIOL 11100 or	
4	BTNY 11000	Fundamentals of Biology II or Introduction to Plant Science
3	CE 35500	Engineering Environmental Sustainability
3	CHM 11100	General Chemistry
3	CHM 11200	General Chemistry
4	CHM 25700	Organic Chemistry
3	FNR 20100	Marine Biology
3	FNR 21000	Natural Resource Information Management
3	MA 16010	Applied Calculus I (satisfies Quantitative Reasoning for core)
3	MA 16020	Applied Calculus II
3	POL 22300	Introduction to Environmental Policy
3	STAT 30100	Elementary Statistical Methods (satisfies Information Literacy for core)
2	-----	Ecology Selective
3	-----	Ecology Selective
9	-----	Biochemistry, Biology, Chemistry, Mathematics, Physics, or Statistics Selective
12	-----	Water Quality Selective
	3	Microeconomics Selective (satisfies Human Culture Behavioral/Social Science for core)
	3	<u>UCC Humanities Selective (satisfies Human Cultures Humanities for core)</u>
	3	Humanities or Social Science Selective
	3	Humanities or Social Science Selective
	3	Humanities or Social Science Selective (30000+ level)
	4	ENGL 10600
		First-Year Composition (satisfies Written Communication for core)
	COM 11400 or	Fundamentals of Speech Communication or Science Writing and Presentation (satisfies
	3	Oral Communication for core)
	3	Written or Oral Communication Selective

Electives (13 credits)

13 ----- Elective

University Core Requirements:

Human Cultures Humanities: _____ Science, Technology, and Society: _____

Human Cultures Behavioral/Social Science: _____ Written Communication: _____

Information Literacy: _____ Oral Communication: _____

Science #1: _____ Quantitative Reasoning: _____

Science #2: _____

120 semester credits required for Bachelor of Science degree.

2.0 GPA required for Bachelor of Science degree.

College of Agriculture & University Level Requirements:

2.0 GPA required for Bachelor of Science degree.

32 Upper division credits taken from Purdue

9 credits International Understanding: _____

3 credits Multicultural Awareness: _____

9 credits of Hum and/or Social Sciences outside the College of Agriculture: _____

Natural Resources and Environmental Science: Water Quality<https://ag.purdue.edu/oap/pages/major.aspx>

Credits	Course number	Course Title	Prerequisites	Credits	Course number	Course Title	Prerequisites
		Fall 1st Year				Spring 1st Year	
0.5	AGR 10100	Introduction to the College of Agriculture and Purdue University		4	BIOL 11000	Fundamentals of Biology I	
0.5	AGR 12200	Introduction to Natural Resources and Environmental Science Academic Programs		3	CHM 11200	General Chemistry	CHM 11100
3	CHM 11100	General Chemistry		3	COM 11400 or COM 21700	Fundamentals of Speech or Science Writing and Presentation	
4	ENGL 10600	First-Year Composition		3	MA 16020	Applied Calculus II	MA 16010
3	MA 16010	Applied Calculus I	ALEKS 75+	2	-----	Elective	
3	NRES 29000	Introduction to Environmental Science					
14				15			
		Fall 2nd Year				Spring 2nd Year	
4	BIOL 11100 or BTNY 11000	Fundamentals of Biology II or Introduction to Plant Science		3	NRES 23000 or AGRY 33500	Survey of Meteorology or Weather and Climate	
4	CHM 25700	Organic Chemistry	CHM 11200	1	NRES 20000	Introduction to Environmental Careers	
3	NRES 25500	Soil Science	CHM 11100	3	POL 22300	Introduction to Environmental Policy	
3	STAT 30100	Elementary Statistical Methods		2	-----	Ecology Selective	
3	-----	Microeconomics Selective		3	-----	Humanities or Social Science Selective	
				3	-----	Elective	
17				15			
		Fall 3rd Year				Spring 3rd Year	
3	CE 35500	Engineering Environmental Sustainability		3	AGEC 40600	Natural Resource and Environmental Economics	AGEC 203
6	-----	Biochemistry, Biology, Chemistry, Mathematics, Physics, or Statistics Selective		3	AGRY 33700	Environmental Hydrology	
3	-----	Ecology Selective		3	FNR 21000	Natural Resource Information Management	
3	-----	Water Quality Selective		3	-----	UCC Humanities Selective	
				3	-----	Water Quality Selective	
15				15			
		Fall 4th Year				Spring 4th Year	
3	FNR 20100	Marine Biology	BIOL 11000	3	-----	Humanities or Social Science Selective (30000+ level)	
3	-----	Biochemistry, Biology, Chemistry, Mathematics, Physics, or Statistics Selective		6	-----	Water Quality Concentration Selectives	
3	-----	Humanities or Social Science Selective		5	-----	Electives	
3	-----	Written or Oral Communication Selective					
3	-----	Elective					
15				14			

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The highlighted course is considered critical; timely progress toward the degree depends upon steady progress through each course in the plan of study, but this course, in particular, should be completed by the semester indicated.

Consultation with an advisor may result in an altered plan customized for an individual student.