

## Natural Resources and Environmental Science: Land Resources

<https://ag.purdue.edu/oap/pages/major.aspx>

Credits	Course number	Course Title	Prerequisites	Credits	Course number	Course Title	Prerequisites
<b>Fall 1st Year</b>				<b>Spring 1st Year</b>			
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+	3	-----	Elective	
3	NRES 29000	Introduction to Environmental Science					
<b>14</b>				<b>16</b>			

<b>Fall 2nd Year</b>				<b>Spring 2nd Year</b>			
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	
<b>17</b>				<b>15</b>			

<b>Fall 3rd Year</b>				<b>Spring 3rd Year</b>			
6	-----	Biochemistry, Biology, Chemistry, Mathematics, Physics, or Statistics Selective		3	AGEC 40600	Natural Resource and Environmental Economics	AGEC 20300
3	-----	Ecology Selective		3	FNR 21000	Natural Resource Information Management	
6	-----	Land Resources Selective		3	FNR 37500	Human Dimensions of Natural Resource Management	POL 22300
				3	-----	UCC Humanities Selective	
				3	-----	Land Resources Selective	
<b>15</b>				<b>15</b>			

<b>Fall 4th Year</b>				<b>Spring 4th Year</b>			
4	AGRY 38500	Environmental Soil Chemistry	NRES 25500	3	AGRY 33700	Environmental Hydrology	
3	-----	Biochemistry, Biology, Chemistry, Mathematics, Physics, or Statistics Selective		3	-----	Land Resources Selective	
3	-----	Humanities or Social Science Selective		3	-----	Humanities or Social Science Selective (30000+ level)	
3	-----	Written or Oral Communication Selective		3	-----	Elective	
3	-----	Elective					
<b>16</b>				<b>12</b>			

120 semester credits required for Bachelor of Science degree.  
2.0 GPA required for Bachelor of Science degree.

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.**

# Natural Resources and Environmental Science: Land Resources

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120 credits required for graduation

Credits Course number Course Title

**Departmental/Program Major Courses (108 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 (101 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	AGRY 38500	Environmental Soil Chemistry
_____	4	BIOL 11000	Fundamentals of Biology I
_____		BIOL 11100 or	
_____	4	BTNY 11000	Fundamentals of Biology II or Introduction to Plant Science
_____	3	CHM 11100	General Chemistry
_____	3	CHM 11200	General Chemistry
_____	4	CHM 25700	Organic Chemistry
_____	3	FNR 21000	Natural Resource Information Management
_____	3	FNR 37500	Human Dimensions of Natural Resource 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	-----	Land Resources Selective
_____	3	-----	Microeconomics Selective (satisfies Human Culture Behavioral/Social Science for core)
_____	3	-----	<a href="#">UCC Humanities Selective (satisfies Human Cultures Humanities for core)</a>
_____	3	-----	<a href="#">Humanities or Social Science Selective</a>
_____	3	-----	<a href="#">Humanities or Social Science Selective</a>
_____	3	-----	<a href="#">Humanities or Social Science Selective (30000+ level)</a>
_____	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	COM 21700	Oral Communication for core)
_____	3	-----	<a href="#">Written or Oral Communication Selective</a>

**Electives (12 credits)**

_____	12	-----	Elective
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**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: \_\_\_\_\_