

# Agronomy: International Agronomy

<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		3	AGRY 28500	World Crop Adaptation and Distribution	
0.5	AGR 11300	Introduction to Agronomy Academic Programs		4	BIOL 11100 or BTNY 11000	Fundamentals of Biology II or Introduction to Plant Science	BIOL 11000
4	BIOL 11000	Fundamentals of Biology I		3	CHM 11200	General Chemistry	CHM 11100
3	CHM 11100	General Chemistry		4	ENGL 10600	First-Year Composition	
3	COM 11400 or COM 21700	Fundamentals of Speech or Science Writing and Presentation		3	-----	Microeconomics Selective	
3	MA 15910 or MA 16010	Introduction to Calculus or Applied Calculus I	ALEKS 60+ or ALEKS 75+				
<b>14</b>				<b>17</b>			

<b>Fall 2nd Year</b>				<b>Spring 2nd Year</b>			
3	AGRY 25500	Soil Science	CHM 11200	3	AGRY 33500	Weather and Climate	PHYS 22000
1	AGRY 39800	Agronomy Seminar		3	AGRY 36500	Soil Fertility	AGRY 25500
4	CHM 25700	Organic Chemistry	CHM 11200	3	STAT 30100	Elementary Statistical Methods	
3	-----	Macroeconomics Selective		3	-----	Ecology or Plant Ecology Selective	
3	-----	Foreign Language Selective		3	-----	Written or Oral Communication Selective	
<b>14</b>				<b>15</b>			

<b>Fall 3rd Year</b>				<b>Spring 3rd Year</b>			
3	AGEC 45000	International Agricultural Trade	macroeconomics	3	AGEC 34000	Economics of World Development	microeconomics
3	-----	Directed Selective		3	AGRY 32000	Genetics	
3	-----	Foreign Language Selective		1	AGRY 35000	Global Awareness	
4	-----	Math or Science Selectives		2	-----	Conversation Language Selective	
3	-----	UCC Humanities Selective		4	-----	Math or Science Selectives	
				3	-----	Humanities or Social Science Selective (30000+ level)	
<b>16</b>				<b>16</b>			

<b>Fall 4th Year</b>				<b>Spring 4th Year</b>			
1	AGRY 49800	Agronomy Senior Seminar		3	-----	Directed Selectives	
3	AGRY 59800	Special Problems-International Experience		6	-----	AGR or SCI Selective	
3	-----	AGR International Development Selective		6	-----	Electives	
3	-----	Foreign Language Selective					
3	-----	Elective					
<b>13</b>				<b>15</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.**

Official and complete prerequisite lists are in the course catalog; the incomplete listing presented here regards this program and course sequencing.

# Agronomy: International Agronomy

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120 credits required for graduation

Credits Course number Course Title  
**Departmental/Program Major Courses (111 credits)**

**Required Major Courses (21 credits)**

_____	3	AGRY 28500	World Crop Adaptation and Distribution
_____	3	AGRY 25500	Soil Science
_____	1	AGRY 39800	Agronomy Seminar
_____	3	AGRY 36500	Soil Fertility
_____	3	AGRY 33500	Weather and Climate
_____	3	AGRY 32000	Genetics
_____	1	AGRY 35000	Global Awareness
_____	1	AGRY 49800	Agronomy Senior Seminar
_____	3	AGRY 59800	International Experience

**Other Departmental /Program Course Requirements (90 credits) (See Agronomy Advising Resources)**

_____	3	AGEC 34000	Economics of World Development
_____	3	AGEC 45000	International Agricultural Trade
_____	0.5	AGR 10100	Introduction to the College of Agriculture and Purdue University
_____	0.5	AGR 11300	Introduction to Agronomy Academic Programs
_____	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 (satisfies Science Selective for core)
_____	3	CHM 11200	General Chemistry (satisfies Science Selective for core)
_____	4	CHM 25700	Organic Chemistry
_____		MA 15910 or MA	Introduction to Calculus or Applied Calculus I (satisfies Quantitative Reasoning Selective
_____	3	16010	for core)
_____	3	STAT 30100	Elementary Statistical Methods (satisfies Information Literacy Selective for core)
_____	3	-----	Ecology Selective
_____	3	-----	AGR International Development Selective
_____	3	-----	Macroeconomics Selective
_____	2	-----	Conversation Language Selective
_____	6	-----	Directed Selective
_____	6	-----	AGR or SCI Selective
_____	8	-----	Additional Math or Science Selective
_____	3	-----	<a href="#">Microeconomics (satisfies Human Culture Behavioral/Social Science for core)</a>
_____	3	-----	<a href="#">UCC Humanities Selective (satisfies Human Cultures Humanities for core)</a>
_____	9	-----	<a href="#">Foreign Language 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 Communications Selective</a>

**Electives (9 credits)**

_____	9	-----	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: \_\_\_\_\_