

Agronomy: International Agronomy

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

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	-----	<u>Microeconomics (satisfies Human Culture Behavioral/Social Science for core)</u>
3	-----	<u>UCC Humanities Selective (satisfies Human Cultures Humanities for core)</u>
9	-----	<u>Foreign Language Selective</u>
3	-----	<u>Humanities or Social Science Selective (30000+ level)</u>
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	-----	<u>Written or Oral Communications Selective</u>
Electives (9 credits)		
9	-----	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: _____

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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		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+				
14				17			

Fall 2nd Year				Spring 2nd Year			
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	
14				15			

Fall 3rd Year				Spring 3rd Year			
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)	
16				16			

Fall 4th Year				Spring 4th Year			
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					
13				15			

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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.

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