

Sustainable Agronomic Systems: International Agronomy

<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		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	Fundamentals of Speech Communication		3	-----	Microeconomics Selective	
3	MA 22000 or MA 22300	Introduction to Calculus or Introductory Analysis I	ALEKS 50+ or ALEKS 65+				

14

17

Fall 2nd Year				Spring 2nd Year			
3	-----	Macroeconomics Selective		3	AGRY 36500	Soil Fertility	AGRY 25500
3	AGRY 25500	Soil Science	CHM 11200	3	AGRY 33500	Weather and Climate	PHYS 22000
1	AGRY 39800	Agronomy Seminar		3	STAT 30100	Elementary Statistical Methods	
4	CHM 25700	Organic Chemistry	CHM 11200	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	0
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

120 semester credits required for Bachelor of Science degree.

2.0 GPa required for Bachelor of Science degree.

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

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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)

_____	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)
_____		MA 22000 or MA	Introduction to Calculus or Introductory Analysis I (satisfies Quantitative Reasoning
_____	3	22300	Selective for core)
_____	3	STAT 30100	Elementary Statistical Methods (satisfies Information Literacy Selective for core)
_____	4	ENGL 10600	First-Year Composition (satisfies Written Communication for core)
_____	3	COM 11400	Fundamentals of Speech Communication (satisfies Oral Communication for core)
_____	3	_____	Written or Oral Communications Selective
_____	3	_____	Microeconomics (satisfies Human Culture Behavioral/Social Science for core)
_____	3	_____	UCC Humanities Selective (satisfies Human Cultures Humanities for core)
_____	9	_____	Foreign Language Selective
_____	3	_____	Humanities or Social Science Selective (30000+ level)
_____	3	AGEC 34000	Economics of World Development
_____	3	AGEC 45000	International Agricultural Trade
_____	4	CHM 25700	Organic Chemistry
_____	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

Electives (9 credits)

_____	9	_____	Elective
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University Core Requirements:

<i>Human Cultures Humanities:</i> _____	<i>Science, Technology, and Society:</i> _____
<i>Human Cultures Behavioral/Social Science:</i> _____	<i>Written Communication:</i> _____
<i>Information Literacy:</i> _____	<i>Oral Communication:</i> _____
<i>Science #1:</i> _____	<i>Quantitative Reasoning:</i> _____
<i>Science #2:</i> _____	

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