

Agronomy: Crop and Soil Management

<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 11100 or BTNY 11000	Fundamentals of Biology II or Introduction to Plant Science	BIOL 11000
0.5	AGR 11300	Introduction to Agronomy Academic Programs		3	CHM 11200	General Chemistry	CHM 11100
3	AGRY 10500	Crop Production		4	ENGL 10600	First-Year Composition	
4	BIOL 11000	Fundamentals of Biology I		3	-----	Economics Selective	
3	CHM 11100	General Chemistry					
3	MA 15910 or MA 16010	Introduction to Calculus or Applied Calculus I	ALEKS 60+ or ALEKS 75+				
14				14			

Fall 2nd Year				Spring 2nd Year			
3	AGRY 25500	Soil Science	CHM 11200	3	AGRY 36500	Soil Fertility	AGRY 25500
1	AGRY 39800	Agronomy Seminar		3	STAT 30100	Elementary Statistical Methods	
4	CHM 25700	Organic Chemistry	CHM11200	3	-----	Agronomy Selective (Science, Technology, and Society)	
3	COM 11400 or COM 21700	Fundamentals of Speech or Science Writing and Presentation		3	-----	Ecology or Plant Ecology Selective	
3	-----	Directed Selective		3	-----	Written or Oral Communication Selective	
14				15			

Fall 3rd Year				Spring 3rd Year			
6	-----	Directed Selectives		3	AGRY 32000	Genetics	BIOL 11100
4	-----	Math or Science Selectives		3	-----	Agronomy Selective	
3	-----	Humanities or Social Science Selective		3	-----	Directed Selective	
3	-----	Elective		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		9	-----	Directed Selectives	
6	-----	Directed Selectives		6	-----	Electives	
3	-----	UCC Humanities Selective					
3	-----	Humanities or Social Science Selective					
3	-----	Elective					
16				15			

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.

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120 credits required for graduation

Credits Course number Course Title
Departmental/Program Major Courses (108 credits)

Required Major Courses (14 credits)

_____	3	AGRY 10500	Crop Production
_____	3	AGRY 25500	Soil Science
_____	1	AGRY 39800	Agronomy Seminar
_____	3	AGRY 32000	Genetics
_____	3	AGRY 36500	Soil Fertility
_____	1	AGRY 49800	Agronomy Senior Seminar

Other Departmental /Program Course Requirements (94 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)
_____	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	-----	Agronomy Selective (Science, Technology, & Society)
_____	3	-----	Agronomy Selective
_____	3	-----	Ecology or Plant Ecology Selective
_____	27	-----	Directed Selective
_____	8	-----	Math or Science Selectives
_____	3	-----	Economics Selective (satisfies Human Culture Behavioral/Social Science for core)
_____	3	-----	UCC Humanities Selective (satisfies Human Cultures Humanities for core)
_____	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	COM 21700	Oral Communication for core)
_____	3	-----	Written or Oral Communications Selective

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: _____	

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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: _____