

Sustainable Agronomic Systems: Agronomic 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 22000 or MA 22300	Introduction to Calculus or Introductory Analysis I	ALEKS 50+ or ALEKS 65+				

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	Fundamentals of Speech Communication		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	
						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.

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)
	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	-----	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	CHM 25700	Organic Chemistry
3	-----	Agronomy Selective (Science, Technology, & Society
3	-----	Agronomy Selective
3	-----	Ecology or Plant Ecology Selective
27	-----	Directed Selective
8	-----	Math or Science Selectives

Electives (12 credits)

12	-----	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>	_____		

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