

# Crop Science

<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		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		3	MA 22400	Introductory Analysis II	MA 22300
4	BIOL 11000	Fundamentals of Biology I		3	-----	Agronomy Selective	
3	CHM 11100	General Chemistry		3	-----	Economics Selective	
4	ENGL 10600	First-Year Composition					
3	MA 22300	Introductory Analysis I	ALEKS 65+				
<b>18</b>				<b>16</b>			

<b>Fall 2nd Year</b>				<b>Spring 2nd Year</b>			
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	CHM 11200	3	-----	Agronomy Selective	
1	CHM 25701	Organic Chemistry Laboratory	pre/co: CHM 25700	3	-----	Agronomy Selective (Science, Technology, and Society)	
3	COM 11400	Fundamentals of Speech Communication		3*	-----	Elective	
3*	-----	Elective					
<b>15</b>				<b>15</b>			

<b>Fall 3rd Year</b>				<b>Spring 3rd Year</b>			
3	AGRY 32000	Genetics	BIOL 11100	3	AGRY 33500	Weather and Climate	PHYS 22000
1	AGRY 32100	Genetics Laboratory		4	PHYS 22100	General Physics	PHYS 22000
3	BTNY 30100	Introductory Plant Pathology	BTNY 110 or BIOL111	3	-----	Written or Oral Communication Selective	
4	PHYS 22000	General Physics		3	-----	UCC Humanities Selective	
3	-----	Humanities or Social Science Selective					
3	-----	Humanities or Social Science Selective (30000+ level)					
<b>17</b>				<b>13</b>			

<b>Fall 4th Year</b>				<b>Spring 4th Year</b>			
1	AGRY 49800	Agronomy Senior Seminar		3 or 4*	AGRY 52500 or HORT 30100	Crop Physiology and Ecology or Plant Physiology	BIOL 11000, CHM 25700
3 or 4*	AGRY 51500 or BTNY 31600	Plant Mineral Nutrition or Plant Anatomy	BTNY 11000 or BIOL 11100	3	BTNY 30400	Introductory Weed Science	BTNY 11000 or BIOL 11100
3	BCHM 30700	Biochemistry	CHM 25700	3	-----	Agricultural Economics, Economics, Management or Organizational Leadership and Supervision Selective	
1	BCHM 30900	Biochemistry Laboratory	CHM 25700	3	-----	Humanities or Social Science Selective	
2	ENTM 20600	General Entomology					
1	ENTM 20700	General Entomology Laboratory	pre/co: ENTM 20600				
3*	-----	Elective					
<b>14</b>				<b>12</b>			

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.

\*The higher credit options within plant science course choices reduce Elective credit requirements.

# Crop Science

https://ag.purdue.edu/oap/Pages/major.aspx 120 credits required for graduation

Credits Course number Course Title

## Departmental/Program Major Courses (111-113 credits)

### Required Major Courses (18 credits)

_____	3	AGRY 10500	Crop Production
_____	3	AGRY 25500	Soil Science
_____	1	AGRY 39800	Agronomy Seminar
_____	3	AGRY 36500	Soil Fertility
_____	3	AGRY 32000	Genetics
_____	1	AGRY 32100	Genetics Laboratory
_____	3	AGRY 33500	Weather and Climate
_____	1	AGRY 49800	Agronomy Senior Seminar

### Other Departmental /Program Course Requirements (93-95 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)
_____	3	MA 22300	Introductory Analysis I (satisfies Quantitative Reasoning Selective for core)
_____	3	STAT 30100	Elementary Statistical Methods (satisfies Information Literacy Selective for core)
_____	3	MA 22400	Introductory Analysis II
_____	4	PHYS 22000	General Physics
_____	4	PHYS 22100	General Physics
_____	4	ENGL 10600	English Composition (satisfies Written Communication for core)
_____	3	COM 11400	Fundamentals of Speech Communication (satisfies Oral Communication for core)
_____	3	-----	<a href="#">Written or Oral Communications Selective</a>
_____	3	-----	<a href="#">Economics Selective (satisfies Human Culture Behavioral/Social Science for core)</a>
_____	3	-----	<a href="#">UCC Humanities Selective (satisfies Human Cultures Humanities for core)</a>
_____	3	-----	Agronomy Selective (Science, Technology, & Society)
_____	3	-----	<a href="#">Humanities or Social Science Selective</a>
_____	3	-----	<a href="#">Humanities or Social Science Selective</a>
_____	3	-----	<a href="#">Humanities or Social Science Selective (30000+ level)</a>
_____		AGRY 51500 or	
_____	3 or 4	BTNY 31600	Plant Mineral Nutrition or Plant Anatomy
_____		AGRY 52500 or	
_____	3 or 4	HORT 30100	Crop Physiology and Ecology or Plant Physiology
_____	3	BCHM 30700	Biochemistry
_____	1	BCHM 30900	Biochemistry Laboratory
_____	3	BTNY 30100	Introductory Plant Pathology
_____	3	BTNY 30400	Introductory Weed Science
_____	4	CHM 25700	Organic Chemistry
_____	1	CHM 25701	Organic Chemistry Laboratory
_____	2	ENTM 20600	General Entomology
_____	1	ENTM 20700	General Entomology Laboratory
_____	6	-----	<a href="#">Agronomy Selective</a>
_____	3	-----	<a href="#">Business Selective</a>

### Electives (7 to 9 credits)

7 to 9 \_\_\_\_\_ Elective

#### 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.