

Name: \_\_\_\_\_ PUID: \_\_\_\_\_ Date: \_\_\_\_\_

**Required Major Courses (21 credits)**

- \_\_\_\_\_ (3) AGRY 10500 Crop Production
- \_\_\_\_\_ (3) AGRY 25500<sup>CC</sup> Soil Science
- \_\_\_\_\_ (3) AGRY 28500 World Crop Adaptation and Distribution or AGRY 29000 Introduction to Environmental Science (satisfies STS for core)
- \_\_\_\_\_ (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 (90-92 credits) (See Advising Resources)**

- \_\_\_\_\_ (0.5) AGR 10100 Introduction to the College of Agriculture and Purdue University
- \_\_\_\_\_ (0.5) AGR 11300 Introduction to Agronomy Academic Programs
- \_\_\_\_\_ (3/4) AGRY 51500 Plant Mineral Nutrition Or BTNY 31600 Plant Anatomy
- \_\_\_\_\_ (3/4) AGRY 52500 Crop Physiology and Ecology Or HORT 30100 Plant Physiology
- \_\_\_\_\_ (3) BCHM 30700 Biochemistry
- \_\_\_\_\_ (1) BCHM 30900 Biochemistry Laboratory
- \_\_\_\_\_ (4) BIOL 11000 Fundamentals of Biology I
- \_\_\_\_\_ (4) BIOL 11100 Fundamentals of Biology II Or BTNY 11000 Introduction to Plant Science
- \_\_\_\_\_ (3) BTNY 30100 Introductory Plant Pathology
- \_\_\_\_\_ (3) BTNY 30400 Introductory Weed Science
- \_\_\_\_\_ (3) CHM 11100 General Chemistry (*satisfies Science #1 for core*)
- \_\_\_\_\_ (3) CHM 11200 General Chemistry (*satisfies Science #2 for core*)
- \_\_\_\_\_ (4) CHM 25700 Organic Chemistry
- \_\_\_\_\_ (1) CHM 25701 Organic Chemistry Laboratory
- \_\_\_\_\_ (2) ENTM 20600 General Entomology
- \_\_\_\_\_ (1) ENTM 20700 General Entomology Laboratory
- \_\_\_\_\_ (3) MA 16010 Applied Calculus I (satisfies Quantitative Reasoning Selective for core)
- \_\_\_\_\_ (3) MA 16020 Applied Calculus II
- \_\_\_\_\_ (4) PHYS 22000 General Physics
- \_\_\_\_\_ (4) PHYS 22100 General Physics
- \_\_\_\_\_ (3) STAT 30100 Elementary Statistical Methods (satisfies Information Literacy Selective for core)
- \_\_\_\_\_ (3) Economics Selective (satisfies Human Culture Behavioral/Social Science for core)<sup>3</sup>
- \_\_\_\_\_ (3) UCC Humanities Selective (satisfies Human Cultures Humanities for core)<sup>1</sup>
- \_\_\_\_\_ (3) Humanities or Social Science Selective<sup>2</sup>
- \_\_\_\_\_ (3) Humanities or Social Science Selective<sup>2</sup>
- \_\_\_\_\_ (3) Humanities or Social Science Selective (30000+ level)<sup>2</sup>
- \_\_\_\_\_ (6) Agronomy Selective<sup>5</sup>
- \_\_\_\_\_ (3) Business Selective<sup>6</sup>
- \_\_\_\_\_ (4) ENGL 10600 First-Year Composition (*satisfies Written Communication for core*)
- \_\_\_\_\_ (3) COM 11400 or Fundamentals of Speech Communication or  
COM 21700 Science Writing and Presentation (*satisfies Oral Communication for core*)
- \_\_\_\_\_ (3) Written or Oral Communication Selective<sup>4</sup>

**Electives (9 credits)**

\_\_\_\_\_ (9) Elective

**University Core Requirements (<http://www.purdue.edu/provost/initiatives/curriculum/course.html>)**

Human Cultures Humanities	<input type="checkbox"/>	Science, Technology & Society Selective	<input type="checkbox"/>
Human Cultures Behavioral/Social Science	<input type="checkbox"/>	Written Communication	<input type="checkbox"/>
Information Literacy	<input type="checkbox"/>	Oral Communication	<input type="checkbox"/>
Science Selective	<input type="checkbox"/>	Quantitative Reasoning	<input type="checkbox"/>
Science Selective	<input type="checkbox"/>		

**College of Agriculture & University Level Requirements ([https://ag.purdue.edu/oap/Pages/core\\_requirements.aspx](https://ag.purdue.edu/oap/Pages/core_requirements.aspx))**

3 credits Multicultural Awareness	_____	_____	_____
9 credits International Understanding	_____	_____	_____
9 credits of Hum. And/or Social Sciences outside the College of Agriculture	_____	_____	_____
3 credits of Hum. And/or Social Science at 30000 or higher	_____	_____	_____

# Crop Science

## Suggested Arrangement of Courses:

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
0.5	AGR 10100 Intro to the College of Agriculture and Purdue University		4	BIOL 11100 Fundamentals of Biology II or BTNY 11000 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 16020 Applied Calculus II	MA 16010
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 16010 Applied Calculus I	ALEKS 75+			
<b>18</b>			<b>16</b>		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	AGRY 25500CC 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	CHM 25700	3	AGRY 28500 World Crop Adaptation and Distribution or AGRY 29000 Introduction to Environmental Science (satisfies STS for core)	
3	COM 11400 Fundamentals of Speech or COM 21700 Science Writing and Presentation		3	Elective	
3	Elective				
<b>15</b>			<b>15</b>		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
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 11000 or BIOL 11100	3	Written or Oral Communication Selective	AGRY 44100
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>		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
1	AGRY 49800 Agronomy Senior Seminar		3 or 4	AGRY 52500 Crop Physiology and Ecology or HORT 30100 Plant Physiology	BIOL 11000, CHM 25700
3 or 4	AGRY 51500 Plant Mineral Nutrition or BTNY 31600 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	Business Selective	
1	BCHM 30900 Biochemistry Laboratory	CHM 25700	3	Humanities or Social Science Selective	
2	ENTM 20600 General Entomology	AGRY 25500			
1	ENTM 20700 General Entomology Laboratory	ENTM 20600			
3	Elective				
<b>14/15</b>			<b>12/13</b>		

- 1) 120 credits listed above are required for Bachelor of Science degree.
- 2) 2.0 Graduation GPA required for Bachelor of Science degree.
- 3) 32 credits of upper division courses (30000 level or higher) must be taken at Purdue University, West Lafayette.
- 4) ANY COURSE TAKEN AT PURDUE CAN BE ATTEMPTED NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF, I AND IF).
- 5) CC = is considered a critical course

See next page for all supplemental Information

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The student is ultimately responsible for knowing and completing all degree requirements.  
myPurdue Plan is knowledge source for specific requirements and completion

## CPSC Supplemental Information

### **<sup>1</sup>University Core Curriculum Humanities Selective (3 credits)**

See approved Humanities list at: <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

### **<sup>2</sup>Humanities and Social Science Selective (9 credits)**

See approved list at: [https://ag.purdue.edu/oap/pages/core-social\\_humanities.aspx](https://ag.purdue.edu/oap/pages/core-social_humanities.aspx)

### **<sup>3</sup>Economics Selective (3 credits)**

AGEC 20300 Introductory Microeconomics for Food and Agribusiness	AGEC 21700 Economics	ECON 25100 Microeconomics
AGEC 20400 Introduction to Resource Economics and Environmental Policy	ECON 21000 Principles of Economics	ECON 25200 Macroeconomics

### **<sup>4</sup>Written or Oral Communication Selective (minimum 6 credits)**

AGR 20100 Communication Across Culture	COM 20000-59900	YDAE 44000 Methods of Teaching Agriculture Education
ASL 10000-59900	ENGL 20000-59900	

### **<sup>5</sup>Agronomy Selectives (6 credits)**

AGRY 10000-59999

### **<sup>6</sup>Business Selectives (3 credits)**

AGEC 10000-59999	MGMT 10000-59999
ECON 10000-59999	OLS 10000-59999