

Southwestern Community College/Iowa State University 2015-2016  
Total Credits = 130 - 132

Semester 1		FRESHMAN YEAR		Semester 2	
AGA 114	Principles of Agronomy	3	AGA 154	Fundamentals of Soil Science	3
<i>AGS 112</i>	<i>Survey of the Animal Industry</i>	<i>4</i>	ENG 106	Composition II	3
BIO 112	General Biology I & Lab	4	ECN 130	Principles of Microeconomics	3
ENG 105	Composition I	3	MAT 120	College Algebra	3
<i>SDV 108</i>	<i>The College Experience</i>	<i>1</i>	PHI 105	Introduction to Ethics (Ethics requirement)	3
				<i>Personal Wellness or P.E.</i>	<i>2</i>
Total			15	Total	
17					
Semester 3		SOPHOMORE YEAR		Semester 4	
CHM 166	General Chemistry I & Lab	5	HIS 110 or 111	Western Civilization (Int Perspectives choice)	3
MAT 156	Statistics	3	SOC 200	Minority Group Relations (US Diversity choice)	3
MUS 100	Music Appreciation (Humanities choice)	3	SPC 101	Fundamentals of Oral Communication	3
PHY 162	College Physics I	4		or	
	<i>Elective</i>	<i>3</i>	SPC 112	Public Speaking	3
				<i>Social Science Elective</i>	<i>3</i>
				<i>Elective</i>	<i>3</i>
Total			18	Total	
15					
Semester 5		JUNIOR YEAR		Semester 6	
AGRON 110	Orientation	1	AGRON 354&L	Soils and Plant Growth & Lab	4
AGRON 206	Introduction to Weather & Climate	3	AGRON 259	Organic Compounds in Plant & Soils	3
AGRON 210	Career Planning	1	BBMB 221	Structure & Reactions in Biochem Processes	3
ENGL 300 level	302, 309, or 314	3	CHEM 231 & L	Elementary Organic Chemistry & Lab	4
GEOL 100	The Earth	3	LIB 160	Information Literacy	1
	Agricultural Issues Choice	3		Agronomy Advising Option Choice	6
	Agronomy Advising Option Choice	3		Elective	3
Total			17	Total	
17 or 18					
Semester 7		SENIOR YEAR		Semester 8	
AGRON 316	Crop Structure-Function Relationships	3	AGRON 410	Senior Forum	1
AGRON 320	Genetics, Agriculture & Biotechnology	3		Advising Option Choice	9
	or			Elective	6
BIOL 313 & L	Principles of Genetics & Genetics Lab	4			
	Agronomy Advising Option Choice	6			
	Elective	3			
Total			15 or 16	Total	
16					

Note: This schedule is one example of many different schedule options to receive a B.S. in Agronomy at Iowa State University. Classes in *red italics* will transfer to ISU as electives. Only 65.0 credits from a two year institution may apply toward degree program. AGRON 105 and AGRON 310 are requirements for a B.S. degree in Agronomy. Please discuss these requirements with your Iowa State Agronomy adviser. Requirements for Ethics (3 credits), Humanities (3 credits), International Perspectives (3 credits), and U.S. Diversity (3 credits) may be met by many classes. For a complete listing of classes available for each requirement, visit: [http://www.ag.iastate.edu/student/student\\_services.php](http://www.ag.iastate.edu/student/student_services.php). If you are considering an emphasis in Plant Breeding at ISU, you may want to consider additional Chemistry and Biology classes at SWCC. Consult your Iowa State degree audit for final degree requirements. Please call the Agronomy Student Services office for any questions or for assistance with your schedule. (515)294-3846 or email [szumbach@iastate.edu](mailto:szumbach@iastate.edu).