

Northeast Iowa Community College/Iowa State University 2015-2016  
Total Credits = 131 - 134

Semester 1		FRESHMAN YEAR		Semester 2	
AGA:114	Principles of Agronomy	3	AGA:154	Fundamentals of Soil Science	3
CHM:110, 111	Introduction to Chemistry & Lab or	4	AGB:235	Introduction to Ag Markets	3
CHM:160, 161	Chemistry I & Lab	4.5	BIO:112	General Biology I & Lab	4
ENG:105	Composition I	3	ENG:106	Composition II	3
<i>SDV:179</i>	<i>The College Experience</i>	<i>3</i>	MAT:120	College Algebra	3
			PHS:170	Physical Geology	3
Total 16 or 16.5			Total 19		

Semester 3		SOPHOMORE YEAR		Semester 4	
AGB:330	Farm Business Management	3	AGA:212	Grain and Forage Crops	4
<i>AGS:114</i>	<i>Survey of the Animal Industry</i>	<i>2</i>	HIS:131 or 132	World Civilization I or II (Int Perspectives choice)	3
<i>BIO:113</i>	<i>General Biology II &amp; Lab</i>	<i>4</i>	SOC:115	Social Problems (U.S. Diversity choice)	3
<i>GIS:111</i>	<i>Introduction to GIS</i>	<i>3</i>	SPC:112	Public Speaking	3
PHI:105	Introduction to Ethics (Ethics choice)	3	MAT:156	Statistics	3
<i>PSY:121</i>	<i>Developmental Psychology</i>	<i>3</i>			
Total 18			Total 16		

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 & Soil or	3
AGRON 210	Career Planning	1	BBMB 221	Structure & Reactions in Biochem Processes or	3
ECON 101	Principles of Microeconomics	3	CHEM 231 & L	Elementary Organic Chemistry & Lab	4
ENGL 300	302, 309, or 314	3	LIB 160	Information Literacy	1
	Agricultural Issues Choice	3		Physics 111 or 115	4-5
	Elective	3		Agronomy Advising Option Choice	3
Total 17			Total 15 - 17		

Semester 7		SENIOR YEAR		Semester 8	
AGRON 316	Crop Structure-Function Relationships	3	AGRON 410	Senior Forum	1
AGRON 320	Genetics, Agriculture & Biotechnology	3		Humanities elective	3
	or			Advising Option Choice	6
BIOL 313 & L	Principles of Genetics & Genetics Lab	4		Elective	9
	Agronomy Advising Option Choice	6			
	Elective	3			
Total 15 or 16			Total 19		

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 NICC. 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).