

**2021/2022 Catalog: A.S. Animal Science Transfer Major from Eastern Iowa Community College District AND  
Animal Science Bachelor of Science degree from Iowa State University**

<b>Courses to be taken at Eastern Iowa Community College District</b>				<b>Courses to be taken at Iowa State University for completion of a Bachelor of Science Degree</b>			
<b>YEAR 1</b>	AGS 119	Advanced Animal Science	2	<b>YEAR 3</b>	ANS 110	Orientation in ANS	1
	ENG 105	Composition I	3		ANS 101	Working with Animals	2
	BIOL 114	General Biology IA	4		ANS 214/214L	Mammalian Anatomy and Physiology	4
	MATH 121	College Algebra	3		Lib 160	Information Literacy	1
	MUS 100	Music Appreciation	3		AN S 200 option		3
		<b>Total</b>	<b>15</b>		Electives		5
						<b>Total</b>	<b>16</b>
<b>YEAR 1</b>	ENG 106	Composition II	3	<b>YEAR 3</b>	ANS 210	Career Preparation in ANS	1
	PHI 105	Introduction to Ethics	3		BBMB 221	Biochemical Processes	3
	BIOL 115	General Biology IIA	4		ANS 211	Issues Facing ANS	1
	ECON 130	Principles of Microeconomics	3		ANS 200 Option		3
	AGS 554	Beef Production	3		ANS 331	Domestic Animal Repro	3
		<b>Total</b>	<b>16</b>		Gen 320 or BIO 313	Genetics	3
					Free Electives		3
						<b>Total</b>	<b>17</b>
<b>YEAR 2</b>	SPC 112	Public Speaking	3	<b>YEAR 4</b>	ANS 319	Animal Nutrition	3
	CSC 110	Introduction to Computers	3		ANS 352	Genetic Improvement	3
	SOC 115	Social Problems (U.S. Diversity)	3		ENG 300 Option		3
	LIT 101	Introduction to Literature	3		AN S 300 Option		3
	BIO 186	Microbiology	4		Free Electives		5
		<b>Total</b>	<b>16</b>			<b>Total</b>	<b>17</b>
<b>YEAR 2</b>	CHEM 166	General Chemistry I + Lab	4	<b>YEAR 4</b>	ANS 320	Feeds and Feeding	3
	ANT 105	Cultural Anthropology	3		AN S 411	Addressing Issues in ANS	1
	MAT 156	Statistics	3		ANS 400 Option I		3
	Free Electives		5		ANS 400 Option II		3
		<b>Total</b>	<b>16</b>		Free Electives		6
						<b>Total</b>	<b>16</b>
<b>Eastern Iowa CC Total Credit Hours: 62</b>				<b>ISU Total Credit Hours: 66</b>			
<b>Student will receive an A.S. degree from Eastern Iowa Community Colleges</b>				<b>Student will receive a B.S. degree in Animal Science from Iowa State University</b>			
				<b>Total Credit Hours to Graduate: 128</b>			
				* PLEASE NOTE: No more than 65 credit hours earned at a two-year college can be applied to a baccalaureate degree from Iowa State			

Note: **Highlighted** courses are not required but selected from an approved list to fulfill requirements at Iowa State.  
Please contact Mrs. Kelsey Powell ([kpowell@iastate.edu](mailto:kpowell@iastate.edu) or (515) 294-2293) with questions.