

**2021/2022 Catalog: A.S. Animal Science Transfer Major from Eastern Iowa Community Colleges AND
Animal Science Bachelor of Science degree from Iowa State University: **Pre-Vet Option****

Courses to be taken at Eastern Iowa Community College District				Courses to be taken at Iowa State University for completion of a Bachelor of Science Degree			
YEAR 1	AGS 119	Advanced Animal Science	2	YEAR 3	ANS 110	Orientation in ANS	1
	ENG 105	Composition I	3		ANS 101	Working with Animals	2
	BIOL 114	General Biology IA	4		ANS	Mammalian Anatomy and	
	MATH 121	College Algebra	3		214/214L	Physiology	4
	MUS 100	Music Appreciation	3		Lib 160	Information Literacy	1
		Total	15		AN S 200 option		3
					Electives		5
					Total		16
YEAR 1	ENG 106	Composition II	3	YEAR 3	ANS 210	Career Preparation in ANS	1
	PHI 105	Introduction to Ethics	3		CHEM		
	BIOL 115	General Biology IIA	4		331/331L	Organic Chemistry I	3
	ECON 130	Principles of Microeconomics	3		ANS 211	Issues Facing ANS	1
	AGS 554	Beef Production	3		ANS 200 Option		3
		Total	16		ANS 331	Domestic Animal Repro	3
					Gen 320 or BIO 313	Genetics	3
					Electives		3
					Total		17
YEAR 2	SPC 112	Public Speaking	3	YEAR 4	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		Electives		2
		Total	16		BBMB 301, 316, 404 or 420		3
					Total		17
YEAR 2	CHEM 166	General Chemistry I + Lab	4	YEAR 4	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
	Electives		5		ANS 400 Option II		3
		Total	16		Physics 131X/131L		5
					Electives		1
					Total		16
Eastern Iowa CC Total Credit Hours: 62				ISU Total Credit Hours: 66			
				Total Credit Hours to Graduate: 128			
				* PLEASE NOTE: No more than 65 credit hours earned at a two-year college can be applied to a baccalaureate degree from Iowa State			
Student will receive an A.S. degree from Eastern Iowa Community Colleges				Student will receive a B.S. degree in Animal Science from Iowa State University			

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) or (515) 294-2293 with questions.