2022/2023 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 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
		Total	**15**		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 331/331L	Organic Chemistry I	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
		Total	**16**		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.