

**2022/2023 Catalog: A.S. degree from Des Moines Area Community College AND
Animal Science Bachelor of Science degree from Iowa State University: Pre-Vet Option**

Courses to be taken at Des Moines Area Community College for Associate in Science Degree				Courses to be taken at Iowa State University for completion of a Bachelor of Science Degree			
YEAR 1	SDV 108	The College Experience	1	YEAR 3	ANS 110	Orientation in ANS	1
	ENG 105	Composition I	3		ANS 211	Issues Facing ANS	1
	BIOL 112	General Biology I	4		CHEM 331/331L	Organic Chemistry I + Lab	4
	HIS 112	Western Civilization	4		ANS 214/214L	Domestic Animal Physiology + Lab	4
	AGS 114	Survey of Animal Science	2		LIB 160	Information Literacy	1
	AGS 101	Working with Animals	2		Free Electives		3
		Total	16			Total	16
YEAR 1	ENG 106	Composition II	3	YEAR 3	ANS 210	Career Preparation in ANS	1
	MATH 121	College Algebra	4		ANS 331	Domestic Animal Repro	3
	BIOL 113	General Biology II	4		ANS 319	Animal Nutrition	3
	ECON 130	Principles of Microeconomics	3		Gen 320 or BIO 313	Genetics	3
	AGS 226	Beef Cattle Science	3		ANS 200 Option		3
		Total	17		Free Electives		3
						Total	16
YEAR 2	SPC 101	Fund of Oral Communication	3	YEAR 4	ANS 320	Feeds and Feeding	3
	BIO 186	Microbiology + Lab	4		ANS 352	Genetic Improvement	3
	MATH 157	Statistics	4		ANS 300 Option		3
	CHEM 165	General Chemistry I + Lab	4		ANS 411	Addressing Issues in ANS	1
	AGS 225	Swine Science	3		Free Electives		6
		Total	17			Total	16
YEAR 2	CHEM 175	General Chemistry II + Lab	4	YEAR 4	ANS 400 Option I		3
	MUS 100	Music Appreciation	3		ANS 400 Option II		3
	SOC 115	Social Problems	3		ENG 300 Option		3
	PHYS 160	General Physics I	5		BBMB 301, 316, 404, or 420		3
	PHI 105	Introduction to Ethics	3		Free Electives		3
		Total	18			Total	16
DMACC Total Credit Hours: 68				ISU Total Credit Hours: 64			
Total Credit Hours to Graduate: 128				Total Credit Hours to Graduate: 128			
* PLEASE NOTE: No more than 16 credit hours earned as Career/Tech can be applied to a baccalaureate degree from Iowa State				* 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 Des Moines Area Community College				Student will receive a B.S. degree in Animal Science from Iowa State University Ames, Iowa			

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.