

**2021/2022 Catalog: A.A.S. degree in Agribusiness- Animal Science Certificate from DMACC AND
Animal Science Bachelor of Science degree from Iowa State University**

Courses to be taken at Des Moines Area Community College for A.A.S. Degree in Agribusiness				Courses to be taken at Iowa State University for completion of a Bachelor of Science Degree			
YEAR 1	AGA 114	Principles of Agronomy	3	YEAR 3	ANS 110	Orientation in ANS	1
	AGA 154	Fundamentals of Soil Science	3		ANS 211	Issues Facing ANS	1
	AGC 314	Leadership in Agriculture	2		BIO		
	AGS 101	Working with Animals	2		211/211L	General Biology I	4
	AGS 114	Survey of Animal Science	2		STAT 101	Statistics	3
	ENG 105	Composition I	3		ANS 200 Option		2
		Total	15		LIB 160	Information Literacy	1
					ENGL 250	Composition II	3
				Total			15
YEAR 1	AGA 284	Pesticide Application Certificate	3	YEAR 3	ANS 210	Career Preparation in ANS	1
	AGB 235	Intro to Agricultural Markets	3		ANS 214/L	Mammalian Anatomy & Phys.	4
	AGB 802	Agribusiness Internship I	2		BIO 212/L	General Biology II	4
	AGS 319	Animal Nutrition	3		BBMB 221	Biochemistry	3
	SPC 101	Fund of Oral Communications	3		*International Perspectives		3
		Total	14				Total
							15
YEAR 1	AGA 381	Crop Scouting	3				
	AGP 333	Precision Agriculture Appl.	3				
	AGS 225	Swine Science	3				
	AGS 226	Beef Cattle Science	3				
		Total	12				
YEAR 2	AGA 222	Grain Management	2	YEAR 4	ANS 319	Animal Nutrition	3
	AGB 101	Agricultural Economics	3		ANS 331	Animal Reproduction	3
	AGS 242	Animal Health	3		GEN 320 or		
	AGT 120	Agricultural Appl. In Biotech	3		BIO 313	Genetics	3
	MAT 121 or				ANS 300 Option		3
	MAT 157	College Algebra or Statistics	4		ANS 411	Addressing Issues in ANS	1
	AGS 319	Animal Nutrition I	3				Total
		Total	18				16
YEAR 2	AGB 812	Agribusiness Internship II	2	YEAR 4	ANS 352	Genetic Improvement	3
	AGB 330	Farm Business Management	3		ANS 320	Feeds and Feeding	3
	ACC 131	Principles of Accounting I	3		ENG 300 Option		3
	CHM 122	Introduction to General Chem	4		Micro		
	SOC 115	Social Problems	3		201/201L	Microbiology	3
	AGS 323	Animal Nutrition II	3		*Humanities		3
		Total	18				Total
							15
Total Credits Required to complete AAS Degree: 72 Plus Animal Science Certificate Program				YEAR 5	ANS 400 Option I		3
					ANS 400 Option II		3
					*Ethics		3
					*Social Science		3
							Total
							12
DMACC Total Credit Hours: 77				ISU Total Credit Hours: 72			
* PLEASE NOTE: No more than 16 credit hours earned as Career/Tech and no more than 65 credit hours earned at a two-year college can be applied to a baccalaureate degree from Iowa State				Total Credit Hours Needed to Graduate: 128			
Student will receive an A.A.S. degree from Des Moines Area Community College- Ankeny, Iowa				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.