

**2022/2023 Catalog: A.A.S. degree in Agribusiness- Animal Science Certificate from DMACC AND  
Animal Science Bachelor of Science degree from Iowa State University**

<b>Courses to be taken at Des Moines Area Community College for A.A.S. Degree in Agribusiness</b>				<b>Courses to be taken at Iowa State University for completion of a Bachelor of Science Degree</b>			
<b>YEAR 1</b>	AGA 114	Principles of Agronomy	3	<b>YEAR 3</b>	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
		<b>Total</b>	<b>15</b>		LIB 160	Information Literacy	1
					ENGL 250	Composition II	3
					<b>Total</b>		<b>15</b>
<b>YEAR 1</b>	AGA 284	Pesticide Application Certificate	3	<b>YEAR 3</b>	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
		<b>Total</b>	<b>14</b>		<b>Total</b>		<b>15</b>
<b>YEAR 1</b>	AGA 381	Crop Scouting	3				
	AGP 333	Precision Agriculture Appl.	3				
	AGS 225	Swine Science	3				
	AGS 226	Beef Cattle Science	3				
		<b>Total</b>	<b>12</b>				
<b>YEAR 2</b>	AGA 222	Grain Management	2	<b>YEAR 4</b>	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		<b>Total</b>		<b>16</b>
		<b>Total</b>	<b>18</b>				
<b>YEAR 2</b>	AGB 812	Agribusiness Internship II	2	<b>YEAR 4</b>	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		
	<b>SOC 115</b>	<b>Social Problems</b>	3		201/201L	Microbiology	3
	AGS 323	Animal Nutrition II	3		*Humanities		3
		<b>Total</b>	<b>18</b>		<b>Total</b>		<b>15</b>
<b>Total Credits Required to complete AAS Degree: 72 Plus Animal Science Certificate Program</b>				<b>YEAR 5</b>	ANS 400 Option I		3
					ANS 400 Option II		3
					*Ethics		3
					*Social Science		3
					<b>Total</b>		<b>12</b>
<b>DMACC Total Credit Hours: 77</b>				<b>ISU Total Credit Hours: 72</b>			
<i>* 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</i>				<b>Total Credit Hours Needed to Graduate: 128</b>			
<b>Student will receive an A.A.S. degree from Des Moines Area Community College- Ankeny, Iowa</b>				<b>Student will receive a B.S. degree in Animal Science from Iowa State University- Ames, Iowa</b>			

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.