

**2021/2022 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			
<b>YEAR 1</b>	SDV 108	The College Experience	1	<b>YEAR 3</b>	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
	<b>HIS 112</b>	<b>Western Civilization</b>	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
		<b>Total</b>	<b>16</b>			<b>Total</b>	<b>16</b>
<b>YEAR 1</b>	ENG 106	Composition II	3	<b>YEAR 3</b>	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
		<b>Total</b>	<b>17</b>		Free Electives		3
						<b>Total</b>	<b>16</b>
<b>YEAR 2</b>	SPC 101	Fund of Oral Communication	3	<b>YEAR 4</b>	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
		<b>Total</b>	<b>17</b>			<b>Total</b>	<b>16</b>
<b>YEAR 2</b>	CHEM 175	General Chemistry II + Lab	4	<b>YEAR 4</b>	ANS 400 Option I		3
	<b>MUS 100</b>	<b>Music Appreciation</b>	3		ANS 400 Option II		3
	<b>SOC 115</b>	<b>Social Problems</b>	3		ENG 300 Option		3
	PHYS 160	General Physics I	5		BBMB 301, 316, 404, or 420		3
	<b>PHI 105</b>	<b>Introduction to Ethics</b>	3		Free Electives		3
		<b>Total</b>	<b>18</b>			<b>Total</b>	<b>16</b>
<b>DMACC Total Credit Hours: 68</b>				<b>ISU Total Credit Hours: 64</b>			
<b>Total Credit Hours to Graduate: 128</b>				<b>Total Credit Hours to Graduate: 128</b>			
* 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			
<b>Student will receive an A.S. degree from Des Moines Area Community College</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.