

# ***Bachelor of Science in Animal Sciences***

## ***Animal and Food Industry Options***

### **Suggested Four Year Plan**

(Effective Fall 2017)

#### ***Year One***

<b>Fall</b>			<b>Spring</b>		
ASC 101	Domestic Animal Biology	3	ASC 102 <sup>2</sup>	Applications of Animal Science	3
CHE 105	General Chemistry I	4	CHE 107	General College Chemistry I	3
CHE 111	General Chemistry Lab I	1	CHE 113	General College Chemistry II Lab	3
CIS/WRD 110	Composition & Communication I	3	CIS/WRD 111	Composition & Communication II	2
GEN 100	Current Issues In Ag & NRES	<u>3</u>	MA 123	Elementary Calculus <b>OR</b>	
		<b>14</b>	MA 113	Calculus I <b>OR</b>	
			MA 137	Calculus I w/ Life Science Apps	<u>4</u>
					<b>15</b>

#### ***Year Two***

<b>Fall</b>			<b>Spring</b>		
ASC 205	Career Development in ASC	1	BIO 152	Introductory Biology II	3
BIO 148	Introductory Biology I	3	CHE 230	Organic Chemistry OR	
STA 210	An Intro to Stat Reasoning OR		CHE 236 <sup>2</sup>	Organic Chemistry	3
STA 296	Stat Methods & Motivations	3	UK Core	Arts and Creativity	3
UK Core	Humanities	3	WRD 203 <sup>2</sup>	Business Writing OR	
UK Core	Global Dynamics	3	WRD 204	Technical Writing	3
	Specialty Support	<u>3</u>		Specialty Support Course	<u>3</u>
		<b>16</b>			<b>15</b>

#### ***Year Three***

<b>Fall</b>			<b>Spring</b>		
ASC 325	Animal Physiology	3	ASC 362	Animal Breeding & Genetics	4
ASC 378 <sup>1</sup>	Animal Nutrition	3	ASC 364	Reproductive Physiology	4
UK Core	Social Science	3-4	ASC 380 <sup>2</sup>	Feeds and Feeding	3
	Specialty Support Course	3		Specialty Support Course	3
	Elective	<u>3</u>		Free Elective	<u>3</u>
		<b>15-16</b>			<b>17</b>

#### ***Year Four***

<b>Fall</b>			<b>Spring</b>		
ASC 470	Capstone in Animal Science	3		Academic Enrichment in ASC	1-3
ASC Class <sup>3</sup>	ASC Production Course	3-4	ASC Class <sup>3</sup>	ASC Production Course	2-3
ASC Class <sup>3</sup>	ASC Production Course	3-4		Specialty Support Course	3
	Specialty Support Course	3		Electives	<u>1-6</u>
	Free Elective	<u>3</u>			<b>7-15</b>
		<b>15-17</b>			

**Minimum Total Number of Hours Required: 120**

<sup>1</sup>ASC 378 are only offered in the fall semesters.

<sup>2</sup>ASC 102, ASC 380, CHE 236, and WRD 203 are only offered in the spring semesters.

<sup>3</sup>Students must take 3 animal production courses.

**NOTE:** There are 3 options in the Animal Sciences major; Animal Industry, Food Industry and Pre-Professional. You and your advisor will determine which option is best for your academic goals.

Food Industry option must also take FSC107 and ASC 300.