

**Pre-Professional Option  
EXAMPLE Four Year Plan of Study (Starting Fall 2017)**

**Fall Year 1**

Course	Hrs.
ASC 101 Domestic Animal Biology	3
CHE 105 General Chemistry I	4
CHE 111 General Chem I Lab	1
CIS or WRD 110 Comp & Comm I	3
GEN 100 Issues in Ag, Food & Environment	3
<b>Total</b>	<b>14</b>

**Spring Year 1**

Course	Hrs.
ASC 102b Introduction to Livestock & Poultry Production	3
CHE 107 General Chemistry II	3
CHE 113 General Chemistry II Lab	2
CIS or WRD 111 Comp & Comm II	3
MA 113 or MA 123 or MA 137 Calculus	4
<b>Total</b>	<b>15</b>

**Fall Year 2**

Course	Hrs.
ASC 205 Career Development for ASC	1
BIO 148 Introduction to Biology I	3
BIO 155 Biology Lab*	1
CHE 230 Organic Chem I	3
CHE 231 Organic Chem I Lab	1
UK Core Global Dynamics	3
UK Core Humanities	3
<b>Total</b>	<b>15</b>

**Spring Year 2**

Course	Hrs.
BIO 152 Principles of Biology II	3
CHE 232 Organic Chem II	3
CHE 233 Organic Chem II Lab	1
STA 210 Intro to Stat Reasoning or STA 296 Stat Methods & Motivations^	3
UK Core Social Sciences	3-4
WRD 203 Business Writing or WRD 204 Technical Writing^	3
<b>Total</b>	<b>16-17</b>

**Fall Year 3**

Course	Hrs.
ASC 325 Animal Physiology	3
ASC 378a Animal Nutrition	3
BIO 304 Genetics	4
PHY 211 Physics I	5
<b>Total</b>	<b>15</b>

**Spring Year 3**

Course	Hrs.
ASC 362 Animal Breeding & Genetics	4
ASC 364 Animal Reproduction	4
ASC 380b Feeds and Feeding	3
PHY 213 Physics II	5
<b>Total</b>	<b>16</b>

**Fall Year 4**

Course	Hrs.
ASC 470 Capstone in Animal Science	3
ASC Production Elective	3-4
ASC Production Elective	3-4
Free Elective**	3-6
<b>Total</b>	<b>12-17</b>

**Spring Year 4**

Course	Hrs.
Academic Enrichment Experience in Animal Sciences***	1-3
ASC Production Elective	2-3
UK Core Arts & Creativity	3
Free Elective**	4-7
<b>Total</b>	<b>10-16</b>

Production Electives	Offered
ASC 340 Poultry Production	Spring
ASC 404G Sheep Science	Fall
ASC 406 Beef Cattle Science	Fall
ASC 408G Swine Science	Spring
ASC 410G Equine Science	Spring
ASC 420G Dairy Cattle Management	Fall

**120 hrs required for graduation**

**45 hrs of 300 level or higher required**

a = only offered during fall

b = only offered during spring

\* = BIO 155 - Is required for upper level BIO courses

^ = Recommended for Pre-Vet Students

\*\* = Consider 300 level or higher electives

\*\*\* = Requirement fulfilled via internship, study

abroad, undergrad research or peer instruction.

**Work with your academic advisor to create an individualized plan.**