

**Animal Industry Option Equine Specialization
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
Total	14

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
Total	15

Fall Year 2

Course	Hrs.
ASC 205 Career Development for ASC	1
BIO 148 Introduction to Biology I	3
STA 210 Intro to Stat Reasoning or STA 296 Stat Methods & Motivations	3
UK Core Global Dynamics	3
UK Core Humanities	3
Specialty Support Course	3
Total	16

Spring Year 2

Course	Hrs.
BIO 152 Principles of Biology II	3
CHE 230 or CHE 236b Organic Chemistry	3
WRD 203b Business Writing or WRD 204 Technical Writing	3
Specialty Support Course	3
UK Core Arts & Creativity	3
Total	15

Fall Year 3

Course	Hrs.
ASC 325 Animal Physiology	3
ASC 378a Animal Nutrition	3
ASC 320a Equine Management	3
UK Core Social Sciences	3-4
Specialty Support Course	3
Total	16-17

Spring Year 3

Course	Hrs.
ASC 310 Equine Anatomy	2
ASC 362 Animal Breeding & Genetics	4
ASC 364 Animal Reproduction	4
ASC 380b Feeds and Feeding	3
Specialty Support Course	3
Total	16

Fall Year 4

Course	Hrs.
ASC 470 Capstone in Animal Science	3
ASC Production Elective	3-4
ASC Production Elective	3-4
Specialty Support Elective	3
Free Elective*	3
Total	15-17

Spring Year 4

Course	Hrs.
ASC 410Gb Equine Science	3
Academic Enrichment Experience in Animal Sciences**	1-3
Specialty Support Elective	3
Free Elective*	1-6
Total	8-15

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

Specialty support electives are approved 200 level or higher courses outside of ASC

a = only offered during fall

b = only offered during spring

* = 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.