

Animal Sciences

Animal Enterprises & Production Option – Equine Specialization

1 st Fall Semester		1 st Spring Semester	
AFE 100 <i>Issues in Agriculture, Food & Environment</i>	3 credits	ASC 102 <i>Introduction to Livestock & Poultry Production</i>	3 credits
ASC 101 <i>Domestic Animal Biology</i>	3 credits	CHE 108 <i>Introduction to Inorganic, Organic & Biochemistry</i>	3 credits
CHE 104 <i>Introduction General Chemistry</i>	3 credits	CIS or WRD 111 <i>Composition & Communication II</i>	3 credits
CIS or WRD 110 <i>Composition & Communication I</i>	3 credits	UK Core Natural, Physical & Mathematical Sciences	3 credits
MA 109 <i>College Algebra</i>	3 credits	UK Core Social Sciences	3 credits
Total:	15 credits	Total:	15 credits
2 nd Fall Semester		2 nd Spring Semester	
ASC 205 <i>Career Development for Animal Sciences</i>	1 credit	BIO 152 <i>Principles of Biology II</i>	3 credits
BIO 148 <i>Introductory Biology I</i>	3 credits	WRD 203 <i>Business Writing or WRD 204 Technical Writing</i>	3 credits
STA 210 <i>Introduction to Statistical Reasoning</i> or STA 296 <i>Statistical Methods & Motivation</i>	3 credits	<i>Specialty Support Business Elective</i>	3 credits
<i>Specialty Support Business Elective</i>	3 credits	<i>Specialty Support Elective</i>	3 credits
UK Core Arts & Creativity	3 credits	UK Core Humanities	3 credits
UK Core Global Dynamics	3 credits	Total:	15 credits
Total:	16 credits		
3 rd Fall Semester		3 rd Spring Semester	
ASC 325 <i>Animal Physiology</i>	3 credits	ASC 364 <i>Reproductive Physiology of Farm Animals</i>	4 credits
ASC 362 <i>Animal Breeding & Genetics</i>	4 credits	ASC 380 <i>Applied Animal Nutrition</i>	3 credits
ASC 378 <i>Animal Nutrition</i>	3 credits	ASC <i>Production Course</i>	3-4 credits
<i>Equine Specialization Elective</i>	3 credits	<i>Free Elective</i>	3 credits
<i>Academic Enrichment Experience</i>	1-3 credits	<i>Specialty Support Elective</i>	3 credits
Total:	14-16 credits	Total:	16-17 credits
4 th Fall Semester		4 th Spring Semester	
ASC <i>Production Course</i>	3-4 credits	ASC 470 <i>Capstone for Animal Agriculture</i>	3 credits
<i>Equine Specialization Elective</i>	3 credits	ASC <i>Production Course</i>	3-4 credits
<i>Free Elective</i>	3 credits	<i>Free Elective</i>	3 credits
<i>Free Elective</i>	3 credits	<i>Free Elective</i>	3 credits
<i>Specialty Support Elective</i>	3 credits	<i>Specialty Support Elective</i>	3 credits
Total:	15-16 credits	Total:	15-16 credits

Equine Specialization Electives: ASC 310 *Equine Anatomy*, ASC 311 *Advanced Equine Evaluation*, ASC 320 *Equine Management*, ASC 389 *Applied Equine Nutrition & Feeding*, ASC 410 *Equine Science*

ASC Production Courses: ASC 404 *Sheep Science*, ASC 406 *Beef Cattle Science*, ASC 408 *Swine Science*, ASC 410 *Equine Science*, ASC 420 *Dairy Cattle Science*, ASC 440 *Poultry Science*