

UK Core Pre-Professional Option Plan of Study

Year 1

Course	Credit Hours
ASC 101a Domestic Animal Biology	3
CHE 105 General Chemistry I	4
CHE 111 General Chem I Lab	1
CIS/WRD 110 Composition I	3
GEN 100a Issues in Agriculture	3
MA 123/MA 113/MA 137 Calculus	4
Total	18

Course	Credit Hours
ASC 102b Applications of Animal Science	3
CHE 107 General Chemistry II	3
CHE 113 General Chemistry II Lab	2
CIS/WRD 111 Composition II	3
UK Core Global Dynamics	3
UK Core Social Science	3
Total	17

Year 2

Course	Credit Hours
ASC 205 Livestock, People & Interactions	1
BIO 148 Introduction to Biology	3
CHE 230 Organic Chem I	3
CHE 231 Organic Chem I Lab	1
UK Core Humanities	3
Free Elective*	3
Total	14

Course	Credit Hours
BIO 152 Principles of Biology II	3
CHE 232 Organic Chem II	3
CHE 233 Organic Chem II Lab	1
STA 210 Intro to Stats	3
UK Core Creativity in the Arts	3
Free Elective*	3
Total	16

Year 3

Course	Credit Hours
ASC 325a Animal Physiology	3
ASC 378a Animal Nutrition	4
BIO 304 Genetics	4
PHY 211 Physics I	5
Total	16

Course	Credit Hours
ASC 362b Animal Genetics	4
ASC 364b Animal Reproduction	4
PHY 213 Physics II	5
Free Elective*	3
Total	16

Year 4

Course	Credit Hours
ASC 470 Capstone in Animal	3
ASC Production Elective	2-4
ASC Production Elective	2-4
WRD 203 Grad Writing Req	3
Free Elective*	3
Total	13-17

Course	Credit Hours
ASC Production Elective	2-4
Free Elective*	3
Free Elective*	3
Free Elective*	3
Total	11-13

Production Electives	Semester 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 Science	Fall

a = only offered during fall

b = only offered during spring

* = Consider 300 level electives