

## UK Core Livestock Specialization

### 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
<b>Total</b>	<b>18</b>

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 Social Science	3
<b>Total</b>	<b>14</b>

### Year 2

Course	Credit Hours
ASC 205 Livestock, People & Interactions	1
BIO 148 Introduction to Biology	3
CHE 230 or CHE 236 Organic Chem	3
UK Core Humanities	3
UK Core Global Dynamic	3
Specialty Support Elective	3
<b>Total</b>	<b>16</b>

Course	Credit Hours
BIO 152 Principles of Biology II	3
STA 210 Intro to Stats	3
UK Core Creativity in the Arts	3
Specialty Support Elective	3
Free Elective*	3
<b>Total</b>	<b>15</b>

### Year 3

Course	Credit Hours
ASC 300a Meat Science	4
ASC 325a Animal Physiology	3
ASC 378a Animal Nutrition	4
Specialty Support Elective	3
Free Elective*	3
<b>Total</b>	<b>17</b>

Course	Credit Hours
ASC 362b Animal Genetics	4
ASC 364b Animal Reproduction	4
Specialty Support Elective	3
Free Elective*	3
<b>Total</b>	<b>14</b>

### Year 4

Course	Credit Hours
ASC 470 Capstone in Animal Science	3
ASC Production Elective	2-4
ASC Production Elective	2-4
WRD 203 Grad Writing Req	3
Specialty Support Elective	3
<b>Total</b>	<b>13-17</b>

Course	Credit Hours
ASC Production Elective	2-4
Free Elective*	3
Free Elective*	3
Free Elective*	3
Free Elective*	3
<b>Total</b>	<b>14-16</b>

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

a = only offered during fall

b = only offered during spring

\* = Consider 300 level electives

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ASC 420G Dairy Cattle Science	Fall
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