

# Animal Sciences

## College of Agriculture, Food & Environment



N6 Agricultural Science Center Contact: Wayne Centers - [dsr@uky.edu](mailto:dsr@uky.edu)

Animal Sciences involves studying and applying the basic principles of nutrition, reproduction, and genetics to the production and management of animals: horses, dairy and beef cattle, sheep, swine, poultry, and other domesticated species.

**Total Hours Required for Degree: 120 - 132**

### Freshman Year Credit Hours: 29

FALL SEMESTER	14	SPRING SEMESTER	15
<a href="#">ASC 101</a>   ASC 101 - DOMESTIC ANIMAL BIOLOGY	3	<a href="#">ASC 102</a>   ASC 102 - INTRODUCTION TO LIVESTOCK AND POULTRY PRODUCTION	3
UK Core - Comp. & Comm. I	3	UK Core - Comp. & Comm. II	3
<a href="#">CHE 105</a>   CHE 105 - GENERAL COLLEGE CHEMISTRY I	4	<a href="#">CHE 107</a>   CHE 107 - GENERAL COLLEGE CHEMISTRY II	3
<a href="#">CHE 111</a>   CHE 111 - GENERAL CHEMISTRY I LABORATORY	1	<a href="#">CHE 113</a>   CHE 113 - GENERAL CHEMISTRY II LABORATORY	2
<a href="#">GEN 100</a>   GEN 100 - ISSUES IN AGRICULTURE, FOOD AND ENVIRONMENT	3	<a href="#">MA 123 or MA 113 or MA 137</a>	4

### Sophomore Year Credit Hours: 30

FALL SEMESTER	14	SPRING SEMESTER	16
<a href="#">ASC 205</a>   ASC 205 - CAREER DEVELOPMENT FOR ANIMAL SCIENCES	1	<a href="#">BIO 152</a>   BIO 152 - PRINCIPLES OF BIOLOGY II	3
<a href="#">BIO 148</a>   BIO 148 - INTRODUCTORY BIOLOGY I	3	<a href="#">CHE 232</a>   CHE 232 - ORGANIC CHEMISTRY II	3
<a href="#">CHE 230</a>   CHE 230 - ORGANIC CHEMISTRY I	3	<a href="#">CHE 233</a>   CHE 233 - ORGANIC CHEMISTRY LABORATORY II	1
<a href="#">CHE 231</a>   CHE 231 - ORGANIC CHEMISTRY LABORATORY I	1	<a href="#">STA 210 or STA 296</a>	3
UK Core - Global Dynamics	3	UK Core - Social Sciences	3
UK Core - Humanities	3	<a href="#">WRD 203 or WRD 204</a>	3

## Junior Year Credit Hours: 34

FALL SEMESTER	15	SPRING SEMESTER	19
<a href="#">ASC 325</a>   ASC 325 - ANIMAL PHYSIOLOGY	3	<a href="#">ASC 362</a>   ASC 362 - ANIMAL BREEDING AND GENETICS	4
<a href="#">ASC 378</a>   ASC 378 - ANIMAL NUTRITION AND FEEDING	3	<a href="#">ASC 364</a>   ASC 364 - REPRODUCTIVE PHYSIOLOGY OF FARM ANIMALS	4
<a href="#">BIO 304</a>   BIO 304 - PRINCIPLES OF GENETICS	4	<a href="#">ASC 380</a>   ASC 380 - APPLIED ANIMAL NUTRITION	3
<a href="#">PHY 211</a>   PHY 211 - GENERAL PHYSICS	5	<a href="#">PHY 213</a>   PHY 213 - GENERAL PHYSICS	5
		UK Core - Arts and Creativity	3

## Senior Year Credit Hours: 15 - 39

FALL SEMESTER	9 - 19	SPRING SEMESTER	6 - 20
<a href="#">ASC 470</a>   ASC 470 - CAPSTONE FOR ANIMAL AGRICULTURE	3	<a href="#">ASC Production Course</a>	2 - 4
<a href="#">ASC Production Course</a>	2 - 4	<a href="#">Academic Enrichment Course</a>	1 - 4
<a href="#">ASC Production Course</a>	2 - 4	<a href="#">Elective</a>	1 - 4
<a href="#">Elective</a>	1 - 4	<a href="#">Elective</a>	1 - 4
<a href="#">Elective</a>	1 - 4	<a href="#">Elective</a>	1 - 4

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