

Animal Sciences

College of Agriculture, Food & Environment



N6 Agricultural Science Center Contact: Wayne Centers - 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
ASC 101 ASC 101 - DOMESTIC ANIMAL BIOLOGY	3	ASC 102 ASC 102 - INTRODUCTION TO LIVESTOCK AND POULTRY PRODUCTION	3
UK Core - Comp. & Comm. I	3	UK Core - Comp. & Comm. II	3
CHE 105 CHE 105 - GENERAL COLLEGE CHEMISTRY I	4	CHE 107 CHE 107 - GENERAL COLLEGE CHEMISTRY II	3
CHE 111 CHE 111 - GENERAL CHEMISTRY I LABORATORY	1	CHE 113 CHE 113 - GENERAL CHEMISTRY II LABORATORY	2
GEN 100 GEN 100 - ISSUES IN AGRICULTURE, FOOD AND ENVIRONMENT	3	MA 123 or MA 113 or MA 137	4

Sophomore Year Credit Hours: 30

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

Junior Year Credit Hours: 34

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

Senior Year Credit Hours: 15 - 39

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

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