

Animal Sciences — Equine Science Option (ANEQ)

Freshman

Fall	Hours	Spring	Hours
ANSC 1100 Orientation to Animal Sciences		1 ANSC 1000 Introduction to Animal Sciences	4
BIOL 1020 Principles of Biology		3 BIOL 1030 Organismal Biology	3
BIOL 1021 Principles of Biology Laboratory		1 BIOL 1031 Organismal Biology Laboratory	1
CHEM 1030 Fundamentals Chemistry I		3 CHEM 1040 Fundamental Chemistry II	3
CHEM 1031 Fundamental Chemistry I Laboratory		1 CHEM 1041 Fundamental Chemistry II Laboratory	1
ENGL 1100 English Composition I		3 ENGL 1120 English Composition II	3
MATH 1130 Pre-Calculus Trigonometry		3	
		15	15

Sophomore

Fall	Hours	Spring	Hours
BIOL 2500 Human Anatomy and Physiology I		3 BIOL 2510 Human Anatomy and Physiology II	3
BIOL 2501 Human Anatomy and Physiology I Laboratory		1 BIOL 2511 Human Anatomy and Physiology II Laboratory	1
STAT 2510 Statistics for Biological and Health Sciences		3 CHEM 2030 Survey of Organic Chemistry	3
ANSC 1050 Introduction to Equine Care and Use		3 COMM 1000 Public Speaking	3
Core History 1		3 ECON 2020 Principles of Microeconomics	3
		Core History 2	3
		13	16

Junior

Fall	Hours	Spring	Hours
AGEC 4000 Principles of Agribusiness Management		3 ANSC 3600 Reproductive Physiology	4
ANSC 3410 Animal Metabolism and Nutrition		3 ANSC 3500 Animal Breeding	3
Core Literature		3 ANSC 3800 Careers in Animal Science	1
AGRI 3000 Agricultural Genetics (OR BIOL 3000 & 3001)		4 Core Humanity	3
		Core Social Science	3
		Directed Elective ¹	3
		13	17

Senior

Fall	Hours	Spring	Hours
ANSC 4450 Equine Nutrition		3 CSES 5500 Forage Production and Utilization	3
BIOL 3200 General Microbiology		3 ANSC 4050 Equine Production and Management	4
BIOL 3201 General Microbiology Laboratory		1 High Impact Experience ²	2
Core Fine Arts		3 Free Electives	6
Directed Elective ¹		3 UNIV 4AA0 Creed to Succeed	0

Free Electives	3	
	16	15

Total Hours: 120

Bolded courses constitute the ANEQ major (38 hrs; 2.0 GPA required for these courses).

- 1 Directed Electives:
 - ANSC 2050 Equine Behavior and Training
 - ANSC 3150 Equine Marketing
 - ANSC 3650 Physiology of Equine Athlete
- 2 High Impact Experience (2 hours):
 - ANSC 2100 Dairy Goat U Program Planning
 - ANSC 2200 Dairy U Program Planning
 - ANSC 2300 Beef U Program Planning
 - ANSC 2400 Horse U Program Planning
 - ANSC 3840 Study/Travel in ANSC
 - ANSC 4920 Internship
 - ANSC 4980 Undergraduate Research
 - AGRI 4000 Agriculture Study Abroad