

Animal Sciences — Animal and Allied Industries Option (ANAI)

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
ANSC 2720 The Meat We Eat		3 BIOL 2510 Human Anatomy and Physiology II	3
BIOL 2500 Human Anatomy and Physiology I		3 BIOL 2511 Human Anatomy and Physiology II Laboratory	1
BIOL 2501 Human Anatomy and Physiology I Laboratory		1 CHEM 2030 Survey of Organic Chemistry	3
ECON 2020 Principles of Microeconomics		3 COMM 1000 Public Speaking	3
Core Literature		3 STAT 2510 Statistics for Biological and Health Sciences	3
Core History 1		3 Core History 2	3
		16	16

Junior

Fall	Hours	Spring	Hours
AGEC 4000 Principles of Agribusiness Management		3 ANSC 3420 Applied Animal Feeding and Nutrition	3
ANSC 3410 Animal Metabolism and Nutrition		3 ANSC 3500 Animal Breeding	3
ANSC 3600 Reproductive Physiology		4 ANSC 3800 Careers in Animal Science	1
AGRI 3000 Agricultural Genetics (OR BIOL 3000 & 3001)		4 Directed Elective II ¹	4
		Core Humanity	3
		14	14

Senior

Fall	Hours	Spring	Hours
BIOL 3200 General Microbiology		3 Directed Elective I²	4
BIOL 3201 General Microbiology Laboratory		1 CSES 5500 Forage Production and Utilization	3
Core Fine Arts		3 2nd Directed Elective II ¹	3
Core Social Science		3 Free Electives	5

Free Electives	5 UNIV 4AA0 Achieve the Creed	0
	15	15

Total Hours: 120

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

¹ Directed Elective II (Business-related):
ACCT 2810, AGRI 3800, ANSC 4800, COMP 1000, ECON 2030, ECON 3020, MKTG 3310

Directed Elective II (Production-related):
CSES 2000, CSES 2040, ANSC 3000, ANSC 3610, ANSC 3760, ANSC 4700, BATM 5140 ENTM 2040, NTRI 2000, POUL 1000,
or Second directed Elective I for 4 credits: (ANSC 3700, ANSC 4000, ANSC 4010, or ANSC 4050).

² Directed Elective I (choose one of the following):
ANSC 3700, ANSC 4000, ANSC 4010, ANSC 4050