

In Effect Fall 2013  
 Animal Sciences  
 Pre-Veterinary Medicine Option (ANPV)

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Freshman Year

Fall	Spring	Summer
<b>ANSC 1100- Orientation to ANSC</b>	<b>1 ANSC 1000 Introductory ANSC</b>	<b>4</b>
<b>BIOL 1020 Princ. Of Biology</b>	<b>4 BIOL 1030 Organismal Biology</b>	<b>4</b>
<b>BIOL 1021 Princ. Of Biology Lab</b>	<b>0 BIOL 1031 Organismal Biology Lab</b>	<b>0</b>
CHEM 1030 Fund. Of Chem I	3 CHEM 1040 Fund. Of Chem. II	3
CHEM 1031 Fund. Of Chem. I Lab	1 CHEM 1041 Fund. Of Chem. II Lab	1
ENGL 1100 English Composition I	3 ENGL 1120 English Composition II	3
MATH 1130 Pre-Cal with Trig	3	
	15	15

Sophomore Year

Fall	Spring	Summer
BIOL 2500 Human Anat. & Phys. I	4 BIOL 2510 Human Anat. & Phys. II	4
CHEM 2070 Organic Chemistry I	3 CHEM 2080 Organic Chemistry II	3
CHEM 2071 Organic Chem. I Lab	1 CHEM 2081 Organic Chem. II Lab	1
ENGL Core Literature	3 COMM 1000 Public Speaking	3
Core HIST I	3 Core Humanities (FINE ARTS)	3
Social Sciences*	3 Core HIST II	3
	17	17

Junior Year

Fall	Spring	Summer
<b>ANSC 3600 Reproductive Phys.</b>	<b>4 ANSC 3400 Animal Nutrition</b>	<b>4</b>
<b>BCHE 3200 Prin. Biochemistry</b>	<b>3 ANSC 3500 Animal Breeding</b>	<b>3</b>
PHYS 1500 General Physics I	4 <b>ANSC 3800 Careers in Animal Ag</b>	1
STAT 2510 Statistics for Biol. Sci.	3 ECON 2020 Princ. Microeconomics	3
Core Humanities (PHIL)	3 PHYS 1510 General Physics II	4
	17	15

Senior Year

Fall	Spring	Summer
BIOL 3000 Genetics	4 Directed Elective II	3-4
<b>BIOL 3200 Gen. Microbiology</b>	4 Free Electives	5-6
Free Electives	4 <b>Directed Elective I</b>	4
	UNIV 4@@@ Graduation (last term)	0
	12	12

Total Hours Required: 120

**Bolded** courses constitute the ANPV major (36 hrs; 2.0 GPA required in these courses)

\*Any Social Science may be taken if HIST 1010/1020 are taken. If HIST 1210/1220 are taken, student must select one of the following Social Science courses: ANTH 1000, GEOG 1010, PSYC 2010, SOCY 1000, or UNIV 2720.

**Courses for Directed Electives:**

Directed Elective I (choose any one):

- ANSC 3700 Muscle Foods (4)
- ANSC 4000 Modern Livestock Sys (4)
- ANSC 4050 Horse Production (4)
- ANSC 5010 Beef Production (4)

Directed Elective II (choose any one):

- ANSC 3610 Animal Growth & Devel. (4)
- BIOL 3010 Comparative Anatomy (4)
- BIOL 4000 Histology (4)
- BIOL 4100 Cell Biology (3; lab not req.)
- BIOL 5110 Parasitology (4)
- BIOL 5220 Intro. Molecular Genetics (3)
- BIOL 5500 Immunology (3; lab not req.)