

Advising Check Sheet for  
DEPARTMENT OF ANIMAL SCIENCES

(New Core - 5/1/2013)

**ANPV**

**Pre-Vet/Pre-Professional Option<sup>1</sup>**

Student's Name: \_\_\_\_\_

UNIVERSITY CORE (41 hours)		
Course (credit hours)		Grade
CHEM-1030 (3) Fund. Chemistry I		
CHEM-1031 (1) Fund. Chemistry I Lab		
CHEM-1040 (3) Fund. Chemistry II		
CHEM-1041 (1) Fund. Chemistry II Lab		
COMM-1000 (3) Public Speaking		
ECON-2020 (3) Prin. Microeconomics		
ENGL-1100 (3) English Comp. I		
ENGL-1120 (3) English Comp. II		
HIST-1010 (3) World History I		
HIST-1020 (3) World History II		
MATH-1130 (3) Pre-Calculus w/ Trig		
* Core Fine Art (3)		
* Core Humanities (3) (Suggest PHIL-1030)		
* Core Literature (3)		
* Core Social Science (3)		
* See AU Bulletin for options.		

DEPARTMENTAL CORE (47 hours) <sup>2</sup>		
Course (credit hours)		Grade
<b>ANSC-1000 (4) Introductory ANSC</b>		
<b>ANSC-1100 (1) Orientation to ANSC</b>		
<b>BCHE-3200 (3) Princ. Biochemistry*</b>		
<b>ANSC-3400 (4) Animal Nutrition</b>		
<b>ANSC-3500 (3) Animal Breeding</b>		
<b>ANSC-3600 (4) Repro. Physiology</b>		
<b>ANSC-3800 (1) Careers in Animal Sci.</b>		
<b>BIOL-1020 (4) Principles Biology</b>		
<b>BIOL-1021 (0) Principles Biology Lab</b>		
<b>BIOL-1030 (4) Organismal Biology</b>		
<b>BIOL-1031 (0) Organismal Biol. Lab</b>		
BIOL-2500 (4) Human Anat. & Physiol I		
BIOL-2510 (4) Human Anat. & Physiol II		
BIOL-3000 (4) Genetics		
<b>BIOL-3200 (4) General Microbiology</b>		
STAT-2510 (3) Stats for Biol./Health Sci.		
UNIV 4AA0 (0) Graduation (final term)		

ADDITIONAL SCIENCES (23-24 hours) <sup>3</sup>		
Course (credit hours)		Grade
<b>- Organic Chemistry &amp; Physics (16 hours) -</b>		
CHEM-2070 (3) Organic Chemistry I		
CHEM-2071 (1) Organic Chem. I Lab		
CHEM-2080 (3) Organic Chemistry II		
CHEM-2081 (1) Organic Chem. II Lab		
PHYS-1500 (4) General Physics I		
PHYS-1501 (0) General Physics I Lab		
PHYS-1510 (4) General Physics II		
PHYS-1511 (0) General Physics II Lab		
<b>- Directed Elective I (4 hours) - (Pick one of the four courses below)</b>		
ANSC-3700 (4) Muscle Foods		
ANSC-4000 (4) Modern Livestock Systems		
ANSC-4050 (4) Horse Production		
ANSC-5010 (4) Beef Production		
<b>- Directed Elective II (3-4 hours) - (Pick one of the seven courses below)</b>		
ANSC-3610 (4) Animal Growth & Develop.		
BIOL-3010 (4) Comparative Anatomy		
BIOL-3500 (3) Perspect. in Immunology		
BIOL-4000 (4) Histology		
BIOL-4100 (4) Cell Biology		
BIOL-5110 (4) Parasitology		
BIOL-5220 (4) Intro. Molecular Genetics		
BIOL-5230 (3) Virology		

ELECTIVES (8-9 hours) <sup>3</sup>		
Course (credit hours)		Grade

<sup>1</sup>Total semester hours required = 120.

<sup>2</sup>Minimum 2.0 GPA required overall and within major (courses in major are shaded).

<sup>3</sup>Contact your professional school of choice to determine which science courses meet their requirements for admission, then visit your Academic Advisor.