

Spring, 2015  
ANSC 1419 General Animal Science  
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Sul Ross State University

Office Hours: Monday 2-3; Wednesday 2-4, Thursday 1 - 4:30

Required Text: Animal Science and Industry 7<sup>th</sup> ed., 2005 M. Cunningham, M. Latour, D. Acker

### Course Objectives

At the end of this course, students will be able

1. To identify various disciplines pertinent to the area of animal agriculture.
2. To develop an appreciation for livestock and livestock production in providing food and useful by-products for man.
3. To identify problems and challenges and identify their solutions in modern animal agriculture.
4. To explain the role of animal science in the world economy.
5. To develop a sufficient understanding in the discipline of animal science as a contributing influence in helping him to achieve gainful employment in this field.
6. To develop the ability to understand, read, and use the language of modern technical animal agriculture.
7. To recognize the importance of maintaining an interest and continuing education in current and new developments in animal science however the student may use that interest.
8. To participate in outdoor learning activities, particularly during labs, related to the goals of the SR Stars over La Frontera QEP (Outdoor Learning) project.

### Evaluation

#### Exams

- A. Major Exams (100-point basis for each)
- B. Final Exam (100 points)
- C. Pop Quizzes
- D. Laboratory Evaluation
  1. Students will be graded at each laboratory period as to their performance for that day's assignment.
  2. A total of 100 points will be earned on lab examinations.

3. Laboratory Practical Exam Final (100 points each)
- E. 60% of the student's grade will be determined by lecture examination and work
- F. 40% of the student's grade will be determined by laboratory work, examinations.
- G. Grading Scale:  
 A = 90%      B = 80%      C = 70%      D = 60%      F = < 60%
- H. Students missing 3 laboratory periods will be dropped from the course with an F!  
 Attendance is a must! It is 40% of student's grade.
- I. The student will makeup missed exams only on April 30, 2015 from 6 to 8 p.m. This exam will be comprehensive over the entire course, lectures and labs.
- J. Final Exam: May 12, 2015 at 8-10:15 a.m. (Tuesday).

Request for Accommodations

It is Sul Ross State University policy to provide reasonable accommodations to students with disabilities. If you would like to request such accommodation because of a physical, mental or learning disability, please contact the ADA Coordinator for the Program Accessibility in the Ferguson Hall Room 112 or call (432-837-8203) ask for Mary Schwartz.

ANSC 1419  
 GENERAL ANIMAL SCIENCE  
 Tuesday-Thursday 9:30 – 10:45 A.M.  
 Spring 2015  
 DR. PAUL A. WILL, PROFESSOR

Week	Date	Topic*
1	Jan 22	Course Introduction; Syllabus
2	Jan 24	Historical Aspects of Agriculture
	Jan 27	Historical Aspects of Agriculture
3	Jan 29	Livestock Industry
	Feb 3	Livestock Industry
4	Feb 5	Agricultural Careers
	Feb 10	Exam 1
5	Feb 12	Breeds of beef cattle
	Feb 17	Breeds of beef & dairy cattle
6	Feb 19	Breeds of swine
	Feb 24	Exam 2
7	Feb 26	Breeds of sheep
	Mar 3	Breeds of goats

8	Mar 5	Breeds of Poultry
	Mar 10	Breeds of horses
9	Mar 12	Exam 3
	Mar 16	Spring Break – No Class
10	Mar 20	Spring Break – No Class
	Mar 24	Livestock products
11	Mar 26	Meat products
	Mar 31	Anatomy Skeletal & Muscular system
12	Apr 2	Circulatory system
	Apr 7	Genetic improvement in beef cattle, swine, sheep and horses
13	Apr 9	Reproduction and Lactation
	Apr 14	Introduction to modes of inheritance and principles of genetics Selection and mating systems
14	Apr 16	Environment Nervous and hormonal controlling mechanisms
	Apr 21	Review
15	Apr 23	Review
FINAL	May 12	8 a.m. – 10:15 p.m.

\*Subject to modification if circumstances warrant