



## AGSC 1100 – PRINCIPLES OF ANIMAL SCIENCE

Sections 01 & 02

MWF 11:00-11:50 AM, Science Center 114

Fall Semester 2011



**INSTRUCTOR:** Chad L. Gasser, Ph.D.  
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**OFFICE HOURS:** MWF 9:30-10:30 AM  
M 3:00-5:00 PM  
Other times as needed

**COURSE DESCRIPTION:** This course is an introduction to scientific principles of animal production, the products animals provide, and characteristics of the animal industries. Major emphasis is given to the disciplines of genetics, reproduction, and nutrition and the common agricultural animals. This course fulfills the general education requirement for the Life Science knowledge area and is a prerequisite for upper-division animal science courses.

**PREREQUISITE:** None

**COURSE OBJECTIVES:** Students will be able to...

- Describe the benefits and contributions of animals to humans
- Demonstrate basic understanding of scientific principles and their application to common animal production systems and practices
- Describe the components and characteristics of current animal industries

**TEXTBOOK:** Introduction to Animal Science: Global, Biological, Social, and Industry Perspectives, Fourth Edition, W. Stephen Damron, ISBN: 013609497X or 0135134862. This textbook is a good resource of general information related to the animal sciences and industries. Practice questions for each chapter are available at [www.prenhall.com/damron](http://www.prenhall.com/damron). The textbook is on reserve in the library, where it can be checked out for two hours at a time.

**COURSE TOPICS:**

- Contributions of Animals (Chapters 1-2)
- World Animal Agriculture (3-4)
- Nutrition (5-7)
- Genetics (8-10)
- Reproduction (11)
- Lactation (12)
- Behavior (13)
- Health (14)
- Beef Cattle Industry (16)
- Dairy Cattle Industry (17)
- Poultry Industry (18)
- Swine Industry (19)
- Sheep and Goat Industries (20)
- Horse Industry (21)
- Other Animal Industries (22-25)
- Animal Industry Issues (27-30)
- Careers in Animal Sciences (26)

**GRADING:**

## Assignments

**300 points**

- 6 assignments, 50 points each
- Late or resubmitted assignments receive a maximum of 40 points

## Exams

**300 points**

- 3 exams, 100 points each
  - Friday, September 23
  - Friday, October 28
  - Monday, December 5

## Final Exam (optional)

- Comprehensive exam, 100 points
- Monday, December 12, 11:00 AM – 12:50 PM
- Opportunity to replace lowest exam score or missed exam

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**TOTAL****600 points**

Grades are determined according to the following percentage scale:

A	A-	B+	B	B-	C+	C	C-	D+	D
93.0%	90.0%	87.0%	83.0%	80.0%	77.0%	73.0%	70.0%	67.0%	60.0%

**ATTENDANCE POLICY:** Students are responsible for all material discussed in class, including arranging with classmates to obtain material from missed class sessions. Students must notify the professor of a planned absence on an exam day to have the option of completing the exam at another time outside of class. Exams outside of class must be completed no later than the class session following the exam. If prior arrangements are not made with the professor, missed exams due to absence will receive a score of zero. In the case of an emergency, the professor should be notified as soon as reasonably possible, and arrangements will be made at the discretion of the professor.

**ACADEMIC INTEGRITY:** Scholastic dishonesty will not be tolerated and will be prosecuted to the fullest extent. You are expected to have read and understood the current issue of the student handbook (published by Student Services) regarding student responsibilities and rights, and the intellectual property policy, for information about procedures and about what constitutes acceptable on-campus behavior.

**ADA STATEMENT:** Students with medical, psychological, learning or other disabilities desiring academic adjustments, accommodations or auxiliary aids will need to contact the Southern Utah University Coordinator of Services for Students with Disabilities (SSD), in Room 206F of the Sharwan Smith Center or phone (435) 865-8022. SSD determines eligibility for and authorizes the provision of services.

**EMERGENCY MANAGEMENT STATEMENT:** In case of emergency, the University's Emergency Notification System (ENS) will be activated. Students are encouraged to maintain updated contact information using the link on the homepage of the mySUU portal. In addition, students are encouraged to familiarize themselves with the Emergency Response Protocols posted in each classroom. Detailed information about the University's emergency management plan can be found at <http://www.suu.edu/emergency>.

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*Information contained in this syllabus, other than the grading, late assignments, makeup work, and attendance policies, may be subject to change with advance notice, as deemed appropriate by the instructor.*