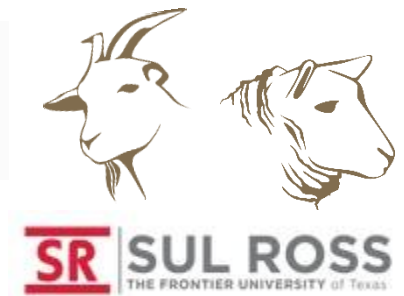


ANSC 3309: Sheep and Goat Management and Production

Spring 2023



Instructor: Dr. Caroline Lisboa Viana, DMV
Specialist Animal Reproductive
Office: RAS 118
E-mail: cxl22xb@sulross.edu
Phone: (432) 283-6162

Office Hours: By appointment

Lectures: Monday and Wednesday	9:00 am – 9:50 am	RAS 135
Laboratory: Wednesday	3:00 pm – 4:40 pm	RAS 135 or Sheep and Goat Unit

Course Description: Principles of sheep and goat production. Topics covered include Industry, products, breeds, genetics/selection, reproduction, nutrition, reproduction, and health, management.

Student Learning Outcomes (SLO):

Upon completion of this course, students should be able to:

1. Demonstrate knowledge of Sheep and Goat breeds, types and breeding/selection.
2. Recognize main disorders associated with goat and sheep health, reproduction, nutrition and management.
3. Understand sheep and goat businesses, production and products.
4. Ability to express and discuss the principles of raising sheep and goat.

Animal Science Marketable Skills:

- Knowledge of techniques and equipment for planting, growing, and harvesting food products (both plant and animal) for consumption, including storage/handling techniques.
- Knowledge of plant and animal organisms, their tissues, cells, functions, interdependencies, and interactions with each other and the environment.
- Understanding the implications of new information for both current and future problem solving and decision-making.
- Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
- Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions. Communicating finding in both oral and written form at a level appropriate for the needs of the audience.

Animal Science Learning Outcomes (ASLO):

- Demonstrate the basic skills of interpreting research data gathered in an agricultural context.
- Apply critical thinking skills to mitigate potential challenges in diverse animal sciences and related agricultural industries.
- Demonstrate the ability to communicate through written, spoken, and graphical methods.

Accommodations:

Sul Ross State University (SRSU) is committed to equal access in compliance with Americans with Disabilities Act of 1973. It is SRSU policy to provide reasonable accommodations to students with documented disabilities. It is the student's responsibility to initiate a request each semester for each class. Alpine students seeking accessibility/accommodations services must contact Mary Schwartz Grisham, M.Ed., LPC, SRSU's Accessibility Services Coordinator at 432-837-8203 (please leave a message and we'll get back to you as soon as we can during working hours), or email mschwartz@sulross.edu. Our office is located on the first floor of Ferguson Hall (Suite 112), and our mailing address is P.O. Box C-122, Sul Ross State University, Alpine, Texas, 79832.

Academic Integrity:

The University expects all students to engage in all academic pursuits in a manner that is beyond reproach and to maintain complete honesty and integrity in the academic experiences both in and out of their classroom. The University may initiate disciplinary proceedings against a student accused of any form of academic dishonesty, including but not limited to, cheating on an examination or other academic work, plagiarism, collusion, and the abuse of resource materials. For more information visit: <https://www.sulross.edu/catalog/undergraduate-academic-regulations/>

SRSU Library Services:

The Sul Ross Library - Bryan Wildenthal Memorial Library in Alpine offers FREE resources and services to the entire SRSU community. Access and borrow books, articles, and more by visiting the library's website, library.sulross.edu. Off-campus access requires logging in with your LoboID and password. Librarians are a tremendous resource for your coursework and can be reached in person, by email (srsulibrary@sulross.edu), or phone (432-837-8123).

Attendance:

Students MUST arrive promptly to class. If over 15 minutes late to class then student will be considered absent for that day. Documentation of approved absences (personal illness, family emergency etc.) must be presented within 5 days for arrangements to be made to make-up quizzes and assignments. University approved absences for sports and student organizations must be disclosed at least two weeks in advance. Other emergencies or conflicts that are allowed at the professor's discretion. Late assignments will be accepted for 4 days following the initial due date and time with a 20% penalty per day late.

Assessments & Grading:

- Lab assignments: 14 assignments, 10 points each = 140 points.
- Written Midterm: 250 points
- Written Final: 300 points
- Written Assignment: 210
- Attendance: Minus 5 points for every absence

Total = 900 points

Percentage	Letter Grade	Meaning
90% - 100%	A	Excellent
80% - 89%	B	Good
70% - 79%	C	Average
60% - 69%	D	Poor
Below 60%	F	Failure

Students will be evaluated during labs for attentiveness, interest and quality of performed task according to the respective topic covered. There will be a midterm exam comprising information provided during lectures and practical labs until that point, worth 250 points. And a final exam will be conducted at the end of the semester comprising all the information

from our class, worth 300 points. There will be also a written assignment to be disclosed and delivered at the end of the semester, worth

For additional information on current Sul Ross State University policies for assigning grade points, please refer to <https://www.sulross.edu/registrar/catalog-and-policies/>

Course Schedule (subject to adjustments)

Week	Dates	Monday / Wednesday	Wednesday - Lab
1	1/18	Introduction to course	No lab
2	1/23-25	Intro: Origins and industry	RAS 135: Anatomy
3	1/30-2/1	Breeds: Sheep	RAS 135: Determination of Age/Sex/Category
4	2/6-8	Breeds: Goats	Sheep and Goat Unit: Determination of Age/Sex/Category
5	2/13-15	Breeding: types of producers, systems and products.	RAS 135: Principles of Selection
6	2/20-22	Genetic: Intro	Sheep and Goat Unit: Selection - Anatomy/Conformation
7	2/27-3/2	Sheep and Goat Genetics	Sheep and Goat Unit: Selection - Reproduction/Other traits
8	3/6-8	Midterm Review	Midterm Exam
9	3/13-15	SPRING BREAK	
10	3/20-22	Reproduction	Sheep and Goat Unit: Neonatal care
11	3/27-29	Reproduction	RAS 135: Reproduction techniques
12	4/3-5	Nutrition	RAS 135: Feeds and feeding
13	4/10-12	Nutrition	Sheep and Goat Unit: BCS
14	4/17-19	Health	Sheep and Goat Unit: Famacha – Clinical evaluation
15	4/24-26	Health	Sheep and Goat Unit: Sampling techniques and shots
16	5/1-3	Management/Husbandry	RAS 135: Management/Husbandry Written Assignment
17	5/8-10	Management/Husbandry Review for Final Exam	Sheep and Goat Unit: Management/Husbandry Written Assignment Due
		Final Exam TBA	