

ANSC 3315 Applied Animal Behavior and Welfare

Fall 2022 MW 09:30 AM - 10:45 AM

Alpine Campus | Range Animal Science | Room 00135

Instructor Information

Instructor	Contact	Office Location & Hours
Dr. Hugo Santos	Email: hugo.santos@sulross.edu Phone: 432-837-8210	RAS 108 - MW, 12pm – 2pm or by appointment

General Information

Description

This course offers a transdisciplinary study of animal behavior as it relates to the management and well-being of domestic livestock and captive animal species. Special emphasis on human-animal interactions, welfare assessment, and facility design will be given.

Expectations and Goals

Student objectives include the following:

1. Demonstrate knowledge of normal and abnormal behavior of animals
2. Be able to discuss and assess animal behavior and welfare research
3. Understand the role of humans in promoting normal behavior and a high-degree of welfare in domesticated animal species

Departmental Projected Learning Outcomes

Student will demonstrate that he/she is able to:

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

Quality Enhancement Plan (QEP) Student Learning Outcomes:

1. The student will demonstrate effective development and expression of ideas in writing
2. The student will exhibit skill in prepared, purposeful oral communication of material or concepts
3. The student will create and deliver visual works that facilitate audience understanding of a central message or purpose

Subject to Change

This syllabus and schedule are subject to change at the discretion of the instructor. You will be provided information in advance. If you are absent from class, it is your responsibility to check on announcements made while you were absent.

SRSU Library Services

The Sul Ross Library 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).

Reasonable Accommodation Statement

It is the SRSU policy to provide reasonable accommodation to students with disabilities. Accessibility services support for students with physical and psychological disabilities are available at Ferguson Hall 112. To make an appointment regarding disability accommodations, please call 432-837-8203.

Anti-Discrimination Statement

No person shall be excluded from participation in, denied the benefits of, or be subject to discrimination under any program or activity sponsored by Sul Ross State University on any basis prohibited by applicable law, including but not limited to race, color, national origin, religion, sex, age, disability, sexual orientation, or gender identity.

Academic Integrity

Students are expected to submit original work without unauthorized assistance. Academic dishonesty, which includes cheating, unauthorized collaboration, plagiarism, fabrication, multiple submissions, and aiding and abetting, will result in a grade of 0 on the work in question. Subsequent instances of academic dishonesty may result in more serious sanctions.

Late Work

It is expected that all assignments will be submitted on time. Valid absences include: 1) medical emergencies with a signed note from a doctor; 2) participation in a SRSU-sanctioned activity with a letter from faculty advisor; or 3) other emergencies or conflicts that are allowed at the professor's discretion. Students are expected to make up missed work within a week of the original due date. Late assignments will be accepted for 4 days following the initial due date and time with a 20% penalty per day late.

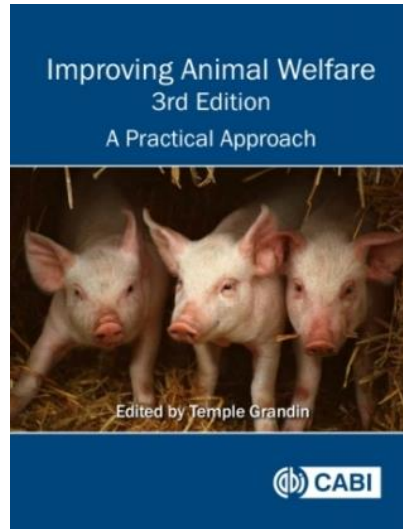
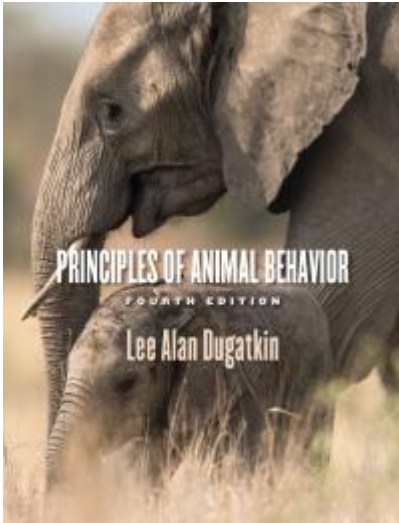
Required Text

There are NO required textbooks for this course.

Optional: Dugatkin, Lee A. *Principles of Animal Behavior* (4th Edition). University of Chicago Press, 2020. | Grandin, Temple. *Improving Animal Welfare* (3rd Edition). CAB International, 2020.

Subject to Change

This syllabus and schedule are subject to change at the discretion of the instructor. You will be provided information in advance. If you are absent from class, it is your responsibility to check on announcements made while you were absent.



Grading

Your course grade will be based on the following components:

Article and Journal Reviews: Extra material may be given throughout the semester to complement the topics taught in class. Students will be required to submit a summary along with a critical review on the topic for each given material. Reviews should be 1-2 pages, typed (12 pt. Times New Roman font, double spaced), and submitted via Blackboard. No email responses will be accepted.

Extra Assignments: Students may be required to do presentations, participate in group discussions or to complete exercise activities develop critical thinking and problem-solving skills. Assistance and guidelines on how to complete these assignments will be given throughout the semester.

Exams: There will be six exams throughout the semester, including the final. There will be no make-up exams without prior consultation with the course instructor.

Points available

Exam 1	100 points
Exam 2	100 points
Exam 3	100 points
Exam 4	100 points
Exam 5	100 points
Exam 6 – Final Exam	200 points
Article and Journal Reviews	Up to 100 points
Extra Assignments	Up to 150 points
Total	700 – 950

Subject to Change

This syllabus and schedule are subject to change at the discretion of the instructor. You will be provided information in advance. If you are absent from class, it is your responsibility to check on announcements made while you were absent.

Grading scale (% of total class points):

A = 90-100%

B = 80-89.99%

C = 70-79.99%

D = 60-69.99%

F ≤ 59.99%

Tentative Course Schedule

Date	Topic	Module
08.22	Principles of Animal Behavior	Principles of Animal Behavior
08.24	The Evolution of Behavior	
08.29	Hormones and Neurobiology	
08.31	Review - Exam 1	
09.05	Labor Day holiday, no classes	
09.07	Exam 1	
09.12	Molecular Genetics and Development	
09.14	Learning	
09.19	Sexual Selection	
09.21	Review - Exam 2	
09.26	Exam 2	
09.28	Antipredator Behavior	
10.03	Communication	
10.05	Aggression	
10.10	Review - Exam 3	
10.12	Exam 3	
10.17	Implementing an Effective Animal Welfare Program	Improving Animal Care and Welfare
10.19	The Importance of Measurement to Improve the Welfare of Livestock, Poultry, and Fish	
10.24	Agricultural Animal Welfare, the Social and Ethical Context	
10.26	Review - Exam 4	
10.31	Exam 4	
11.02	Assessing Animal Welfare on Farms and Slaughter Plants	
11.07	Good Stockmanship and Its Benefits to Animals	
11.09	Review - Exam 5	
11.14	Exam 5	
11.16	Animal Behavior and Emotions – On-farm Considerations	
11.21	Improving Animal Care and Welfare	

Subject to Change

This syllabus and schedule are subject to change at the discretion of the instructor. You will be provided information in advance. If you are absent from class, it is your responsibility to check on announcements made while you were absent.

11.23	Thanksgiving Day holiday	
11.28	Future of Animal Welfare	
11.30	Review - Exam 6	
12.02-07	Final Examinations	

Subject to Change

This syllabus and schedule are subject to change at the discretion of the instructor. You will be provided information in advance. If you are absent from class, it is your responsibility to check on announcements made while you were absent.