

ANS 3006L: INTRODUCTION TO ANIMAL SCIENCE LABORATORY

Fall 2025

Lead Instructors

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****Communication Expectations: Fall student consultations will be handled via phone, email, Zoom, or Teams. Face-to-face meetings will be welcomed with an appointment. You can expect an email response from your instructors within 48 hours, excluding holidays and weekends.***

Guest Instructors

Dr. Jason Scheffler: Dairy Products

Email: jscheff@ufl.edu

Kyle Mendes: Meats

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Thachary Mayer: Meats

Email: thachary.mayer@ufl.edu

Reference Text (Not Required)

Introduction to Animal Science W. Stephen Damron

ISBN-10: 0-13-513486-2

Course Technology

In this course, we will be utilizing eLearning at elearning.ufl.edu to share content, assignments, and make announcements important to class. Virtual tours have also been created using a program called Theasys and can be accessed, along with all accompanying material, on the homepage of this course

under “Teaching Units.” You will not be using Theasys as a student, but simply viewing tours through this site.

Technical Issues

If you require assistance resolving technical issues, please contact the UF Helpdesk by [visiting the helpdesk website](#) or calling 352-392-4357. Additionally, you should notify the instructors of technical issues as soon as they occur so they can decide to make accommodations for submitting late assignments.

Course Description

Laboratory experiences designed to accompany ANS 3006; must be registered for ANS 3006 concurrently or have already completed the lecture course.

Course Objectives

1. Analyze the broad scope of disciplines and opportunities existing in the livestock industry and their contribution to humans.
2. Describe the basic principles of Animal Sciences.
3. Recognize the purpose, proper usage, and impact of management techniques used in the various livestock industries.
4. Appraise the problems and status of livestock production.
5. Realize the affiliation that exists between livestock production and other agricultural enterprises.
6. Develop an appreciation of the various livestock industries and their contributions to society.

Material and Supply Fees

Please note this course has a material and supply fee of \$122.55

Lab Schedule

Meeting Day and Time	Meeting Periods	Class Number	Primary Location	Teaching Assistants
Tuesday 11:45 AM – 1:40 PM	Period 5-6	10216	ANS 151	Lead TA: Zoe Lagarenne Lead TA: Chelsea Davis Lead TA: Maggie Nelson Madalynn Flynn Jacqueline Gutierrez Eva Woods
Tuesday 1:55 PM – 3:50 PM	Period 7-8	10209	ANS 151	Lead TA: Rebecca Lyons Lead TA: Camila Cuevas-Moreno Jordan Thompson Sophia Viera Phyllis Wah
Tuesday 4:05 – 6:00 PM	Period 9-10	10210	ANS 151	Lead TA: Charleigh Wood Chloe Cole Molly Newhook Ella Weisz Noah Gonzalez

Wednesday 11:45 AM – 1:40 PM	Period 5-6	10218	ANS 151	Lead TA: Adriana Iorfida Lead TA: Joyce Worley Mateo Mendoza James Cloud Juliette Puig
Wednesday 1:55 PM – 3:50 PM	Period 7-8	10219	ANS 151	Lead TA: Maya Haupt Lead TA: Danitsa Gonzalez Abigail Michnowicz Jacqueline Degirmenci Kayden Duncan
Wednesday 4:05 – 6:00 PM	Period 9-10	10217	ANS 151	Lead TA: Sydney Brunson Lead TA: Lily Darnell Lead TA: Nicholas Emerson Lead TA: Brooke Bauer Angelica Palacios

****Note: Face-to-face laboratories will meet at various locations throughout the semester and those locations will be noted in the lab schedule below, announced in lab, and posted on canvas. It is the student's responsibility to arrive at the correct location for laboratories and to be on time. Transportation will not be provided for labs.***

Course Format:

- 1. Complete all pre-lab readings and assignments on Canvas by scheduled due dates **and prior** to attending synchronous face-to-face session each week.***
- 2. Attend a two-hour synchronous session face-to-face during your regularly scheduled lab period.***
- 3. Reflect on lab experiences using the post-lab considerations section of your lab sheet and other lab resources provided during lab.***
- 4. Complete all post-lab quizzes and assignments on Canvas by scheduled due dates.***

Pre-Laboratory Assignments

There will be **12 pre-lab assignments** throughout the semester. Questions in the pre-lab assignment will ***come from the Pre-Lab Knowledge portion*** of your ***module lab sheet***, which are found in each lab module on Canvas under the To Do List section. These assignments are designed to prepare you for the hands-on portion of the lab and their completion ***prior*** to lab each week is essential to your success in the lab.

Pre-lab assignments will be worth a total of 10 points. No pre-lab assignments will be dropped from the grade.

- 5 of the 10 points will come from the completion and upload of your pre-lab sheet to Canvas.
 - The ***pre-lab sheet must be completed and submitted to Canvas by 11:59 PM the Sunday before your lab begins*** in preparation for each week's lab.
- The remaining 5 of the 10 points will come from a pre-lab quiz taken in the first 10 minutes of lab each week.
 - 3 of the 5 points will be questions taken straight from their pre-lab sheet.

- 1 of the 5 points will address what you found to be the most interesting information you learned from the pre-lab.
- 1 of the 5 points will address what you believe you need the most help with during lab or believe you still need clarified.
- The quiz will be in Canvas and will be **due by the end of the lab period**. You are allowed to **re-attempt** the quiz by the end of the lab period to correct missed questions.

We will use Canvas to complete and submit pre-lab assignments each week.

Late Pre-Lab Assignments:

- Late pre-lab sheet submissions will be accepted after the original submission deadline up until 12:00 PM the day of your scheduled lab period with a 10% per day late penalty. Afterwards, no pre-lab assignments will be accepted without instructor approval and a valid university excused absence.
- Late pre-lab quizzes may be turned in late until the end of the day of your regularly scheduled lab period with a 10% late deduction. If you need to re-schedule your lab for a given week, you must notify your instructors prior to the start of the lab you are approved to attend so your quiz can be re-scheduled.
- Requirements for class attendance and assignments are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Laboratory Attendance

Regular attendance is crucial to success in this lab course. It is the student's responsibility to arrive at the correct location for laboratories and to be on time. Students who arrive more than 15 minutes late to lab will only receive half-credit for their lab attendance grade.

****Please Note: It is the student's responsibility to provide their own transportation for face-to-face synchronous sessions.***

Lab attendance will be recorded each week during the lab's synchronous session. **Attendance will be 10 points each week.** At some point during the lab, you will take a designated selfie at one of the learning rotations in the face-to-face synchronous session to sign-in for your weekly attendance points. Attendance selfie uploads are due at the end of the day of your regularly scheduled lab.

At the end of the semester, the **lowest lab attendance grade will be dropped** for a maximum total of 10 dropped attendance points.

****Please Note: THERE ARE NO MAKE-UPS ALLOWED FOR LABORATORIES. Switching sections for a given week is permissible with prior permission. If you fall ill during the semester, you must notify your instructors in a timely fashion so we can provide you with an alternative instructional option. Please upload relevant documentation for excused absences in the lab attendance assignment instead of your attendance selfie.***

Requirements for class attendance and assignments are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Post-Laboratory Quizzes

For each module, a quiz covering the module's material will **open** on the Canvas e-Learning site **Wednesday evening at 6:00 PM** and **close Friday evening at 11:59 PM** during the week of the assigned module. **Each quiz will be worth 10 points, except for Module 1 quiz that will be worth 20 points.** Your ***lowest quiz grade will be dropped*** for a maximum total of 10 dropped quiz points.

Each laboratory will have a lab sheet that can be downloaded and/or printed from the Canvas e-Learning site. This lab sheet will be a guide to the week's lab and can be used as a study aid for the module quizzes. Lab sheets will **not** be collected by the instructors for a laboratory grade. ***It is the student's responsibility to bring a copy of the lab sheet each week to lab – these will not be provided by the instructor or teaching assistants.***

Late Quizzes: No late quiz submissions will be allowed without instructor approval and a valid university excused absence. Requirements for class attendance and assignments are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Post-Laboratory Homework Polls

For each module, you will be required to answer an extended response question. These homework polls **open** on the Canvas e-Learning site **Wednesday evening at 6:00 PM** and **close Friday evening at 11:59 PM** during the week of the assigned module. Each homework poll will be worth 10 points.

Late Post-Lab Homework Polls: No late post-lab homework poll submissions will be allowed without instructor approval and a valid university excused absence. Requirements for class attendance and assignments are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Out-of-Class Laboratory Assignments

In addition to pre-laboratory assignments, lab attendance, and lab quizzes, there will be 2 out-of-class lab assignments throughout the semester. ***Due dates will be Sundays by 11:59 PM.*** It is your responsibility to follow posted deadlines.

- 3-2-1 Survey – 5 points
- Introductory Discussion – 10 points
- Communicating Animal Sciences: Social Media Fact Check—20 points

Late Work: Out-of-class lab assignments will be accepted up to one week from the assignment due date with a 10% per day late penalty.

Final Grades

All pre-lab assignments will count towards the final grade.

12 pre-lab assignments x 10 points = 120 pre-lab points

At the end of the semester, the **lowest lab attendance grade will be dropped** for a maximum total of 10 dropped attendance points.

*(10 synchronous session meetings X 10 attendance points per lab) – 10 drop points
= 90 synchronous session attendance points possible*

Additionally, your **lowest quiz grade will be dropped** for a maximum total of 10 dropped quiz points.

(10 quiz points per quiz x 11 quizzes +20 points for quiz 1) – 10 drop points = 120 quiz points possible

All post-lab homework polls will count towards the final grade.

12 post-lab homework polls x 10 points = 120 post-lab points

All out-of-class assignments will count towards the final grade.

There are 3 out-of-class assignments worth a total of 35 points.

120 pre-lab assignment points + 90 synchronous session attendance points + 120 quiz points + 120 post-lab homework poll points + 35 Out-of-class assignment points = 485 points total for the semester

Final grades will be determined by calculating the percentage of points earned out of total points available. That percentage will correspond to a letter grade. No component will be given extra weight so you should be able to easily calculate your current grade and the number of points you need to get the final grade you desire. Laboratory grades will be assigned as follows:

Letter Grades:

$\geq 90\%$ A	$\geq 70\%$ - $<80\%$ C	$< 60\%$ E
$\geq 80\%$ - $<90\%$ B	$\geq 60\%$ - $<70\%$ D	

Grades and Grade Points

For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

DIVERSITY, INCLUSION AND EQUITY

The Department of Animal Sciences believes an inclusive, equity-minded environment includes access to higher- and continued education. We develop flexible, efficient, and accessible learning environments

that welcome and support diversity. Diversity can include disability, age, socioeconomic status, ethnicity, race, nationality, religion, gender identity, sexuality, and culture. We expect all our community members (students, staff, and faculty) to act respectfully towards others (online and in person) and to utilize differences of opinion as learning opportunities. We also want you to feel comfortable asking for reasonable accommodations so that all students can participate in this course equitably. Please consult the Disability Resource Center <https://disability.ufl.edu/> for further questions.

Dress Code

Visiting farms requires appropriate clothing as a protective measure from several environmental hazards. These may include, but are not limited to, slobber, urine and various body fluids, manure, stinging insects, biting flies, hazardous plants, ropes and equipment, sun, and heat exposure and of course, a generous amount of dirt and grime. For your own protection you are required to wear sturdy closed-toe shoes, long pants and a sleeved (short or long) shirt for laboratory sessions.

Specifically, for the Meats: Assigning Value lab, you will be entering a refrigerated, USDA inspected food handling facility. A shirt with sleeves, long pants and close-toe shoes must be worn. No jewelry aside from a plain wedding band is permissible. A coat or sweatshirt is strongly recommended.

Furthermore, as representatives of this class, our department, and our university you are expected to always dress and act in a professional manner.

Risk Associated with the Use of Livestock and their Tissues

Working with livestock is inherently risky. Many of these animals are capable of injuring people, especially when they are in the flight or fight mode inspired by a stressful situation. The instructors will work to provide students with the ability to manage livestock with minimal stress, thus lowering the risk of injury to people and animals.

Livestock species can carry microorganisms that can cause diarrhea and flu-like symptoms in humans. These microorganisms can be shed in an animal's feces and saliva. These organisms of concern such as *Salmonella*, *Campylobacter*, and *E.coli* can survive on the animal's hide or surroundings, and though unlikely could be present in/on meat. These pathogens can cause significant illness, especially to someone who is immunocompromised. Students should wash their hands after handling livestock and/or raw meat.

[UF Syllabus Policy Links - Online Course Syllabi - University of Florida](#)

TENTATIVE FALL 2025 LAB SCHEDULE

Date	Topic	Location	Pre-Lab Assignments Due Before Lab	Out-of-Class Assignments Due During Week
Aug. 21	<i>No Lab – First Week of Classes</i>			3-2-1 Survey
Aug. 26 – 27	Laboratory Overview Speaking Livestock Terminology	ANS 151	Speaking Livestock Pre-Lab	Introductory Discussion Board Module 1 Quiz
Sept. 2 – 3	Animal Health, Welfare, and Small Ruminants	ANS 151	Animal Health, Welfare, and Small Ruminants Pre-Lab Submission	Module 2 Quiz Complete Homework Poll
Sept. 9 – 10	Nutrition	ANS 151	Nutrition Pre-Lab Submission	Module 3 Quiz Complete Homework Poll
Sept. 16 – 17	Reproduction	ANS 151	Reproduction Pre-Lab Submission	Module 4 Quiz Complete Homework Poll
Sept. 23 – 24	<i>No Lab – Dairy Unit Virtual Tour and Out-of-Class Assignments Only</i>		Dairy Unit Virtual Tour Pre-lab Submission	Module 5 Quiz Complete Homework Poll
Sept. 30 – Oct. 1	Dairy Products	ANS 151	Dairy Products Pre-Lab Submission	Module 6 Quiz Complete Homework Poll
Oct. 7 – 8	<i>No Lab – Attend Internship Seminar</i>			
Oct. 14 – 15	Equine	Horse Teaching Unit	Equine Unit Virtual Tour Pre-lab Submission	Module 7 Quiz Complete Homework Poll
Oct. 21 – 22	Beef	South Beef Teaching Unit	Beef Unit Virtual Tour Pre-lab Submission	Module 8 Quiz Complete Homework Poll
Oct. 28 – 29	Poultry Anatomy and Physiology	ANS 151	Poultry Anatomy/Physiology Pre-Lab Submission	Module 9 Quiz Complete Homework Poll
Nov. 4 – 5	Shell Egg Production and Processing	ANS 151	Poultry Shell Egg Pre-Lab Submission	Module 10 Quiz Complete Homework Poll
Nov. 11 – 12	<i>No Lab – Virtual Swine Unit Tour and Out-of-Class Assignments Only</i>		Swine Unit Virtual Tour Pre-lab Submission	Module 11 Quiz Complete Homework Poll
Nov. 18 – 19	Meats: Harvesting, Fabrication, Palatability, and Value Determination	Meats Lab	Meats Processing Unit Virtual Tour Pre-lab Submission	Module 12 Quiz Complete Homework Poll
Nov. 25 – 26	<i>No Lab – Thanksgiving Break</i>			

Dec. 1 – 5	<i>No Lab – Course Wrap Up</i> <i>Industry Tours Throughout the Week – Pick One to Attend</i>	Complete Communicating Animal Agriculture Homework Poll
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