

## ANS3006L Introduction to Animal Sciences Laboratory

Spring 2026  
In-person, 1 Credit

### Instructor

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\*Communication Expectations: Spring 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.

### Lab Schedule and Teaching Assistants

Meeting Day and Time	Meeting Periods	Class Number	Teaching Assistants
Tuesday 12:50 — 2:45 PM (10289)	Period 6-7	10289	Lead TA: Camila Cuevas-Moreno Lead TA: Adrianna Iorfida Lead TA: Madalynn Flynn Lead TA: Ella Weisz Lead TA: Benjamin Schreibman Jasmyn Billano
Tuesday 3:00 — 4:55 PM (10291)	Period 8-9	10291	Lead TA: Hayden Hawes Lead TA: Sydney Brunson Lead TA: Lily Darnell Lead TA: Nick Emerson Lead TA: Chelsea Davis Ashley Beauchamp
Wednesday 12:50 — 2:45 PM (10292)	Period 6-7	10292	Lead TA: Rebecca Lyons Lead TA: Jacqueline Gutierrez Lead TA: Abigail Michnowiz Lead TA: Angelica Palacios Lead TA: Joyce Worley Rayna Heartquist
Wednesday 3:00 — 4:55 PM	Period 8-9	10290	Lead TA: Charleigh Wood Lead TA: Zoe Lagrenne

Meeting Day and Time	Meeting Periods	Class Number	Teaching Assistants
(10290)			Lead TA: Jacqueline Degirmenci Lead TA: Mateo Mendoza Lead TA: Molly Newhook Haleigh Reimer

## Course Description

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

## Course Learning Objectives

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

## Course Format

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

## Course Prerequisites

Coreq: ANS3006

## Textbooks, Learning Materials, and Supply Fees

- No textbooks required
- All other learning materials will be supplied on Canvas.
- Please note this course has a material and supply fee of \$122.55.

## Technical Support

UF Computing Help Desk & Ticket Number: All technical issues require a UF Helpdesk Ticket Number. The UF Helpdesk is available 24 hours a day, 7 days a week. <https://helpdesk.ufl.edu/> | 352-392-4357

## 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.

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

You 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.

Attendance credit for laboratory sessions requires active engagement in all scheduled activities. Although important, simply being present does not guarantee points. Getting involved is what makes the lab experience valuable.

### **Students are expected to:**

- Arrive on time and at the correct location for laboratories.
  - Students who arrive more than 15 minutes late to the lab will only receive half-credit for their lab attendance grade.
- Participate fully in assigned tasks and discussions.
  - Students who do not actively participate in activities will not receive full credit for attending lab.
- Contribute constructively to group or individual work.
- Follow all laboratory instructions and safety protocols.

\*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.

### **Attendance Limits and Grade Impact**

Consistent attendance is critical for **developing hands-on competencies and applying course concepts effectively**. Please note:

- If you miss two lab sessions, the highest final grade you can earn is a B.
- If you miss more than three lab sessions, the highest final grade you can earn is a C.

These limits apply regardless of excused absences (keep in mind that you are allowed to attend a different lab section with prior approval) and performance on other assignments. Exceptions may be considered only for documented emergencies.

\*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 5:00 PM** and **close Friday evening at 11:59 PM** during the week of the assigned module. **Each quiz will be worth 8 points, except for Module 1 quiz that will be worth 11 points.**

Your **lowest quiz grade will be dropped** for a maximum total of 8 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 Reflection

For each module, you will be required to answer an extended response question. These reflections **open** on the Canvas e-Learning site **Wednesday evening at 5:00 PM and close Friday evening at 11:59 PM** during the week of the assigned module. Each reflection will be worth 12 points, except for Module 1 quiz that will be worth 9 points.

**All** post-lab reflections will count towards the final grade

**Late Post-Lab Reflections:** No late post-lab reflection 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 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
  - Alternative Option: Instead of the fact-check assignment, students may choose to attend a farm tour offered during the semester.
  - These farm tours will be coordinated and scheduled specifically for students enrolled in ANS 3006L.
  - Tour options (dates, times, information) will be communicated in class and Canvas.
  - Personal or self-arranged industry tours/events cannot be substituted for this assignment.

**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.

## Artificial Intelligence (A.I) Use Policy

Use of AI must be transparent to instructors. The Orange Book (UF Student Honor Code and Conduct Code) applies in this course. As a purely practical matter, when thinking about unauthorized assistance from others, we (the instructors and UF) recognize “others” are as likely to be machines as humans.

“Using any materials or resources, through any medium, which the faculty has not given express permission to use and that may confer an academic benefit to a student” is still prohibited.

You are responsible for AI-generated content you submit, present, or publish in this pre-service course. The fallibilities of AI such as lack of proper attribution, factual errors, inconsistencies, bias, privacy concerns, and IP issues become your responsibility.

You must think critically before using AI. Understanding and applying academic and professional standards for AI use, checking work, evaluating sources, and communicating clearly are high-level learning outcomes. Embrace them in this course.

## Weekly Course Schedule

Week	Topic	Location	Pre-Lab Assignments	Post-Lab Assignment	Out-of-Class Assignments
Jan 13-14	Laboratory Overview Speaking Livestock Terminology	ANS 151	Pre-Lab Sheet Pre-lab Quiz	Post-Lab Quiz Post-Lab Reflection	3-2-1 Survey  Introductory Discussion Board
Jan 20-21	Animal Health, Welfare, and Small Ruminants	ANS 151	Pre-Lab Sheet Pre-lab Quiz	Post-Lab Quiz Post-Lab Reflection	
Jan 27-28	<b>No Lab – IPPE</b>				
Feb 3-4	Nutrition	ANS 151	Pre-Lab Sheet Pre-lab Quiz	Post-Lab Quiz Post-Lab Reflection	
Feb 10-11	Reproduction	ANS 151	Pre-Lab Sheet Pre-lab Quiz	Post-Lab Quiz Post-Lab Reflection	
Feb 17-18	Dairy Products	ANS 151	Pre-Lab Sheet Pre-lab Quiz	Post-Lab Quiz Post-Lab Reflection	
Feb 24-25	<b>No Lab – Dairy Unit Virtual Tour and Out-of-Class Assignments Only Farm Tour Option 1: Alliance Dairies Farm Tour</b>				Virtual pre-lab Post-lab Quiz Post-Lab Reflection
Mar 3-4	Equine	Horse Teaching Unit	Pre-Lab Sheet Pre-lab Quiz	Post-Lab Quiz Post-Lab Reflection	
Mar 10-11	Beef	Beef Teaching Unit	Pre-Lab Sheet Pre-lab Quiz	Post-Lab Quiz Post-Lab Reflection	
Mar 17-18	<b>No Lab- Spring Break</b>				
Mar 24-25	Poultry Anatomy and Physiology	ANS 151	Pre-Lab Sheet Pre-lab Quiz	Post-Lab Quiz Post-Lab Reflection	
Mar 31-Apr1	Shell Egg Production and Processing	ANS 151	Pre-Lab Sheet Pre-lab Quiz	Post-Lab Quiz Post-Lab Reflection	
Apr 7-8	<b>No Lab – Swine Unit Virtual Tour and Out-of-Class Assignments Only Farm Tour Option 2: Lyons Show Pigs</b>				Virtual pre-lab Post-lab Quiz Post-Lab Reflection
Apr 14-15	Meats: Harvesting, Fabrication, Palatability, and Value Determination	ANS 151	Pre-Lab Sheet Pre-lab Quiz	Post-Lab Quiz Post-Lab Reflection	
Apr 21-22	<b>No Lab – Course Wrap Up Remaining Farm Tour Options Throughout the Week</b>	TBA		Post-Lab Reflection	Social Media Fact Check <b>or</b> Farm Tour

## Grading Policy

Course grading is consistent with [UF grading policies](#).

## Course Grading Structure

Assignment Type	Point Value	Percent of Final Grade
Pre-Lab Sheet	60 points total	12.37%
Pre-Lab Quiz	60 points total	12.37%
Attendance	90 points total	18.56%
Post-Lab Quiz	99 points total	20.41%
Post-Lab Reflection	141 Points total	29.07%
Out of Class Assignments	35 points total	7.22%

## Grading Scale

Grade	Points	Percentage
A	$\geq 436.5$	$\geq 90\%$
B	$\geq 388 - <436.5$	$\geq 80\% - <90\%$
C	$\geq 339.5 - <388$	$\geq 70\% - <80\%$
D	$\geq 291 - <339.5$	$\geq 60\% - <70\%$
E	$<291$	$< 60\%$

## Academic Policies and Resources

Academic policies for this course are consistent with university policies. See

<https://syllabus.ufl.edu/syllabus-policy/uf-syllabus-policy-links/>

## Campus Health and Wellness Resources

Visit <https://one.uf.edu/whole-gator/topics> for resources that are designed to help you thrive physically, mentally, and emotionally at UF.

Please contact [UMatterWeCare](#) for additional and immediate support.

## Software Use

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

## Additional information

### 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.