

ANS 3006L: INTRODUCTION TO ANIMAL SCIENCE LABORATORY

Summer 2021

Please Note: This course will be taught using a hybrid model of online asynchronous and face-to-face synchronous environments to accomplish student learning objectives. As such, portions of this course have a face-to-face meeting requirement (until university policy deems otherwise) to facilitate hands-on learning objectives. 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. ***If you who cannot attend the lab face-to-face each week due to geographic and/or health limitations, you must unenroll from this section until you are in the Gainesville area and comfortable taking face-to-face courses.***

Course Format:

Complete all pre-lab readings and assignments on Canvas by scheduled due dates and prior to attending synchronous face-to-face session each week.

Attend a two-hour synchronous session face-to-face during your regularly scheduled lab period.

- When meeting face-to-face, you will be required to wear face coverings according to local and university policy. You are expected to provide your own face coverings.
- You will be required to wash your hands or use hand sanitizer at the start of each lab and between uses of shared equipment. Hand sanitizer will be available for use throughout the lab. Hand sanitizer will be provided by the instructors, but you are encouraged to bring your own hand sanitizer for personal use.

Complete all post-lab quizzes and assignments on Canvas by scheduled due dates.

COVID-19 Policies and Requirements: In response to COVID-19, the following policies and requirements are in place to maintain your learning environment and to enhance the safety of our in-classroom interactions.

You are required to wear approved face coverings at all times during class, within buildings, and outdoors while on UF property. Following and enforcing these policies and requirements are all our responsibility. Failure to do so will lead to a report to the Office of Student Conduct and Conflict Resolution.

- Face coverings are to be supplied by you (the student).
- If you (the student) forget your face covering, then one may be provided by the instructors if available. ***If one is not available, then you will be asked to leave.***
- Instructors and teaching assistants will supply their own face coverings and wear them throughout the duration of the face-to-face synchronous session.

Social distancing must be observed throughout the duration of the face-to-face synchronous session – this is defined as maintaining a minimum physical distance of 6 feet between yourself (the student), your peers, instructors, and teaching assistants.

- This course has been assigned a physical classroom with enough capacity to maintain physical distancing (6 feet between individuals) requirements.
- Please utilize designated seats and maintain appropriate spacing between students. Please do not move desks or stations.

Follow your instructor's guidance on how to enter and exit the classroom. Practice physical distancing to the extent possible when entering and exiting the classroom.

- **Upon entering the classroom, lab space, or livestock facility; students, instructors, and teaching assistants will be required to wash their hands for a minimum of 20 seconds.** When handwashing stations are not available, hand sanitizer will be used instead.
- Hand washing or sanitizing will occur between uses of shared equipment during the lab. Hand sanitizer will be supplied by the instructors, but you (the student) are strongly encouraged to bring your own hand sanitizer for personal use.
- Sanitizing supplies are available in the classroom if you wish to wipe down your desks prior to sitting down and at the end of the class.

If you (the student) do not feel well and/or are running a fever or displaying any other symptoms of illness, do NOT come to the face-to-face synchronous session. Instead, you will attend the online synchronous session that will be streamed from the face-to-face session. If you are too ill to attend and participate in the online synchronous session, please notify the instructors for alternative instructional options.

- If you are experiencing COVID-19 symptoms ([Click here for guidance from the CDC on symptoms of coronavirus](#)), please use the UF Health screening system and follow the instructions on whether you are able to attend class. [Click here for UF Health guidance on what to do if you have been exposed to or are experiencing Covid-19 symptoms.](#)
- Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work. [Find more information in the university attendance policies.](#)
- Likewise, if an instructor or teaching assistant does not feel well and/or is running a fever or displaying other symptoms of illness, they will not attend the face-to-face synchronous session.

Lead Instructors

Amie Imler

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Office Hours: By appointment: <https://amieufansci.youcanbook.me/> using Zoom (ID: 481-418-9771 and passcode: Amie)

Kyle Mendes

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Office: Bldg. 459-Room 212

Office Hours: by appointment via email

****Communication Expectations: Due to COVID-19, summer student consultations will be handled via phone, email, Zoom, or Teams. Face to face meetings will be welcomed with an appointment and face coverings. You can expect an email response from your instructor within 48 hours, excluding holidays and weekends.***

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 synchronous sessions. Pre-lab assignments will be completed and submitted each week using the interactive platform [Wooclap](#). 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 \$122.19

Lab Schedule

Meeting Day and Time	Meeting Periods	Class Number	Primary Location	Teaching Assistants
Tuesday 11:00 AM – 1:45 PM	Period 3-4	10235	ANS 151	Lead TA: Kaitlyn O’Byrne Caylee Cormier
Tuesday 2:00 – 4:45 PM	Period 5-6	10236	ANS 151	Callahan Register Lily Cope Ria Malhotra

****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.***

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.

These **pre-lab assignments will be completed and submitted in the first 5 minutes of lab each week** in preparation for each week’s lab. **Each pre-lab assignment will be worth 10 points. No pre-lab assignments will be dropped from the grade.**

We will use the interactive platform [Wooclap](#) to complete and submit pre-lab assignments each week. You will need to create a free account with Wooclap using your UF email. During the pre-lab activity each week, **you must be logged into your Wooclap account and authenticated to receive credit** for your pre-lab assignment.

- **Lab 1: No pre-lab assignment**
- Lab 2: Nutrition Wooclap
- Lab 3: Reproductive Wooclap – includes Reproductive Equipment Draft
- Lab 4: Poultry Anatomy and Physiology Wooclap
- Lab 5: Poultry Shell Egg Wooclap – includes Egg Products Retail Audit

- Lab 6: Dairy Units Wooclap – includes **both** the Dairy Research Unit and Dairy Calf Unit Virtual Tours
- Lab 7: Dairy Products Wooclap – includes Dairy Products Retail Audit
- Lab 8: Equine Wooclap – includes Horse Teaching Unit Virtual Tour
- Lab 9: Swine Wooclap – includes Swine Teaching Unit Virtual Tour
- Lab 10: Meats Products Wooclap – includes Meat Products Retail Audit
- Lab 11: Meats Assigning Value Wooclap – includes Meats Processing Unit Virtual Tour
- Lab 12: Beef Wooclap – includes Beef Teaching Unit Virtual Tour

Late Pre-Lab Assignments: If you are late to lab, late pre-lab submissions will be accepted after the original submission deadline up until the first 30 minutes of your lab period has passed with a 25% late penalty. Afterwards, no pre-lab assignments will be accepted 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>.

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.

****Please Note: Due to COVID-19, no transportation to university units will be provided. 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, a sign-in sheet will be available for students in the face-to-face synchronous session to sign-in for their weekly attendance points.

****Please Note: THERE ARE NO MAKE-UPS ALLOWED FOR LABORATORIES. Switching sections for a given week is permissible with prior permission. Additionally, your two lowest lab attendance grades will be dropped for the semester.*** 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 Quizzes

For each module, a quiz covering the module's material will **open** on the Canvas e-Learning site **Tuesday evening at 5:00 PM** and **close Sunday evening at 11:59 PM** during the week of the assigned module. **Each quiz will be worth 15 points. Your two lowest lab quiz grades will be dropped for the semester.**

Each laboratory will have a lab sheet that can be downloaded and 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>.

Out-of-Class Laboratory Assignments

In addition to pre-laboratory assignments, lab attendance, and lab quizzes, there will be 7 out-of-class lab assignments throughout the semester. Due dates will typically be on Sundays by 11:59 PM, but some assignments are broken into two parts with parts I being due on Thursdays by 11:59 PM and parts II being due on Sundays by 11:59 PM. It is your responsibility to follow posted deadlines.

- 3-2-1 Survey – 5 points
- Introductory Discussion – 10 points
- Livestock Feeds and Feeding Resource Guide – 10 points
- Livestock Reproductive Equipment Resource Guide – 10 points
- Stop/Start/Continue Survey – 5 points
- Animal Agriculture Perceptions: Part I Discussion – 10 points
- Animal Agriculture Perceptions: Part II Discussion – 10 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 two synchronous session grades will be dropped** for a maximum total of 20 dropped attendance points.

*(12 synchronous session meetings X 10 attendance points per lab) – 20 drop points
= 100 synchronous session attendance points possible*

Additionally, your **two lowest quiz grades will be dropped** for a maximum total of 30 dropped quiz points.

(15 quiz points per lab module x 13 lab modules) – 30 drop points = 165 quiz points possible

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

There are seven out-of-class assignment worth a total of 60 points.

120 pre-lab assignment points + 100 synchronous session attendance points + 165 quiz points + 60 out-of-class assignment points = 445 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:

≥90% **A**

≥70% - <80% **C**

<60% **E**

≥80% - <90% **B**

≥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 University of Florida's College of Agricultural and Life Sciences as well as College of Veterinary Medicine support the University of Florida's commitment to diversity, inclusion, and equity. By fostering a sense of belonging for students, staff and faculty while leveraging the uniqueness of the people who study and work at the university, we believe our campus community is enriched and enhanced by diversity, including but not limited to race, ethnicity, national origin, gender, gender identity, sexuality, class, and religion. Our course will help foster an understanding of the diversity of our campus community as well as our veterinary medicine, agricultural and natural resource communities, locally and globally.

We will strive to create a learning environment for our students that support a diversity of thoughts, perspectives, and experiences while honoring your identities. To accomplish this, please let us know:

- If you have a name and/or set of pronouns that differ from those that appear in your official university records
- If you believe your performance in the class is being impacted by your experiences outside of class. Do not hesitate to reach out and talk with us. We want to be a resource for you. Anonymous feedback may be submitted, which may lead us to make a general announcement to the class, if necessary, to address your concerns.
- We, like many people, are still in the process of learning about diverse perspectives and identities. If something was said in class (by anyone) that makes you feel uncomfortable, please talk to us about it.

Contact us with any concerns regarding inclusion and equity, including accessibility of learning materials, equipment, and software.

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.

Academic Honesty, Software Use, Campus Helping Resources, Services for Students with Disabilities

Student Honor Code

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity." You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams).

Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code>.

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.

Services for Students with Disabilities:

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center. [Click here to get started with the Disability Resource Center](#). It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

0001 Reid Hall, 352-392-8565, <https://disability.ufl.edu/>

Campus Helping Resources

Students experiencing crises or personal problems that interfere with their general wellbeing are encouraged to utilize the university's counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

Health and Wellness:

- *U Matter, We Care:* If you or someone you know is in distress, please contact umatter@ufl.edu, 352-392-1575, or visit [U Matter, We Care website](#) to refer or report a concern and a team member will reach out to the student in distress.
- *Counseling and Wellness Center:* [Visit the Counseling and Wellness Center website](#) or call 352-392-1575 for information on crisis services as well as non-crisis services.
- *Student Health Care Center:* Call 352-392-1161 for 24/7 information to help you find the care you need, or [visit the Student Health Care Center website](#).
- *University Police Department:* [Visit UF Police Department website](#) or call 352-392-1111 (or 9-1-1 for emergencies).
- *UF Health Shands Emergency Room / Trauma Center:* For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; [Visit the UF Health Emergency Room and Trauma Center website](#).

Academic Resources:

- *E-learning technical support:* Contact the [UF Computing Help Desk](#) at 352-392-4357 or via e-mail at helpdesk@ufl.edu.
- [Career Connections Center](#): Reitz Union Suite 1300, 352-392-1601. Career assistance and counseling services.
- [Library Support](#): Various ways to receive assistance with respect to using the libraries or finding resources.
- [Teaching Center](#): Broward Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.
- [Writing Studio](#): 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.
- *Student Complaints On-Campus:* [Visit the Student Honor Code and Student Conduct Code webpage for more information.](#)
- *On-Line Students Complaints:* [View the Distance Learning Student Complaint Process.](#)

Online Course Evaluation Process

Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at: <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at: <https://gatorevals.aa.ufl.edu/public-results/>.

TENTATIVE SPRING 2021 LAB SCHEDULE

Date	Topic	Location
May 11	Introduction to Animal Health and Management	ANS 151
May 18	Nutrition	ANS 151
May 25	Reproduction	South Beef Teaching Unit
June 1	Poultry Anatomy & Physiology	ANS 151
June 8	Poultry Shell Egg Processing & Products	ANS 151
June 15	Dairy Milking & Milking Herd Management Calf Management & Heifer Development	Dairy Research Unit
June 22	Summer Break – No Lab	
June 29	Dairy Products & Processing	ANS 151
July 6	Equine	Horse Teaching Unit
July 13	Swine	Swine Teaching Unit
July 20	Meats Products & Palatability	ANS 151 Meats Sensory Lab
July 27	Meats Assigning Value	ANS 156 Meats Processing Unit
August 3	Beef	South Beef Teaching Unit