

# ANS 3006 Introduction to Animal Science

## Fall Semester 2023

### Instructor

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### Schedule

Lecture: M-W-F Period 1 (7:25-8:15 am) 100 McCarty Hall C

### Reference Text (Not Required)

Introduction to Animal Science W. Stephen Damron ISBN-10: 0-13-513486-2

### Course Description

Role of aquaculture, beef cattle, dairy cattle, goats, horses, poultry, sheep and swine in serving humans. Introduction to nutrition, growth, reproduction, meats, and genetics related to improving livestock production.

### Course Objectives

- To help students understand the broad scope of disciplines and opportunities existing in the livestock industry and their contribution to humans.
- To help students comprehend the basic principles of Animal Sciences.
- To help students understand the purpose, proper usage, and impact of management techniques used in the various livestock industries.
- To help students develop an insight into the problems and status of livestock production.
- To help students realize the affiliation that exists between livestock production and other agricultural enterprises.
- To develop an appreciation of the various livestock industries.

### Course Information

PowerPoints and oral presentations will be methods of communicating information for most of the lectures. A skeleton of most of the PowerPoints will be posted on Canvas prior to lecture. It will be important to be in class to receive all the course information; the PowerPoints only serve as a note-taking guide and completed notes will not be provided. Guest lecturers have the option of providing supporting materials, and they will be shared on Canvas if made available, but recognize they may choose not to share supporting materials.

### Class attendance:

Daily attendance records will not be maintained for lectures. However, the materials for exams and questions of the day will be taken from the subject matter presented during lecture. This subject matter will not be available anywhere else; annotated slides will not be provided.

## iClicker

An account will need to be created at <https://www.iclicker.com/>. **Please register using your UF email and link to Canvas!** The goal is to increase engagement, provide real-time monitoring of concept understanding, and provide an index of attendance. Questions requiring response may be asked multiple times a day or not at all. However, only one question on any given day will count for credit (2 points each) and will often be scored on participation rather than correctness. These questions will be worth up to a total of 60 points. Students experiencing technical difficulties in class may submit a notecard by the end of class. The first week of class will be an opportunity to test the system without penalty. **Students have two weeks to report discrepancies in iClicker scoring before they are locked in.**

## Assignments

Introductory discussion post	August 28 <sup>th</sup>	5 points
Sustainability discussion	August 28 <sup>th</sup>	5 points
Poultry Housing	September 1 <sup>st</sup>	20 Points
Antibiotic resistance	September 22 <sup>th</sup>	20 points
How much water to produce a hamburger patty?	October 25 <sup>th</sup>	30 points
Aquaculture videos	November 15 <sup>th</sup>	20 points

\*All assignments are due at 11:59pm on the indicated due date

## Exams

Exam #1:	September 13 <sup>th</sup>	120 points
Exam #2:	October 9 <sup>th</sup>	140 points
Exam #3:	November 3 <sup>rd</sup>	140 points
Exam #4:	December 7 <sup>th</sup>	140 points
Final exam (8:00 am-10:00am) ***Optional***	December 12 <sup>th</sup>	Replacement value

**\*Note: All exams are to be taken at their scheduled times. Make-up exams will only be given for prior excused absences.** If you feel you need more time to take the exams, we will allow students to begin the exam at 7:00am the day the exam is scheduled. However, you will only have until 8:15am to complete each exam. One exam may be replaced by an optional comprehensive final.

## Grading System:

iClicker	Up to 60 points
Assignments	100 points
Exams @ 120, 140, 140, and 140 points	540 points

## Final Grades

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. Letter grades will be assigned as follows:

≥93%	A	80%-	<82.99%	B-	63%-	<66.99%	D	
90%-	<92.99%	A-	77%	<79.99%	C+	60%-	<62.99%	D-
87%	<90.99%	B+	73%-	<76.99%	C	<59.99%	E	
83%-	<87.99%	B	70%-	<72.99%	C-			
			67%	<69.99%	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>

## 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

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.

- University Counseling & Wellness Center, 3190 Radio Road, 352-392-1575, [www.counseling.ufl.edu](http://www.counseling.ufl.edu)
  - Counseling Services
  - Groups and Workshops
  - Outreach and Consultation
  - Self-Help Library
  - Wellness Coaching
- U Matter We Care, [www.umatter.ufl.edu/](http://www.umatter.ufl.edu/)
- Career Connections Center, First Floor JWRU, 392-1601, <https://career.ufl.edu/>.
- Student Success Initiative, <http://studentsuccess.ufl.edu>
- Student Complaints, <https://sccr.dso.ufl.edu/policies/student-honor-code-studentconduct-code/>

### 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 Lecture Schedule

Date	Topic	Assignments
August 23	Introduction	
August 25	What is ANS and Land Grant System	
August 28	Animal Behavior and Welfare	<b>Intro and Sustainability</b>
August 30	Nutrition	
September 1	Nutrition	<b>Poultry Housing</b>
September 4	<b>No Class Labor Day</b>	
September 6	Nutrition	
September 8	Genetics	
September 11	Genetics	
September 13	<b>Exam 1</b>	
September 15	Reproduction	
September 18	Reproduction	
September 20	Reproduction	
September 22	Dairy	<b>Antibiotic Resistance</b>
September 25	Equine - TenBroeck	
September 27	Equine - TenBroeck	
September 29	Equine - TenBroeck	
October 2	Dairy	
October 4	Dairy	
October 6	<b>No Class- Homecoming</b>	
October 9	<b>EXAM2</b>	
October 11	Swine	
October 13	Swine	
October 16	Swine	
October 18	Beef	
October 20	Beef	
October 23	Beef	
October 25	Poultry	<b>Water</b>
October 27	Poultry	
October 30	Poultry	
November 1	Guest lecture- TBD	
November 3	<b>EXAM3</b>	
November 6	Large Animal medicine	
November 8	Meats	
November 10	<b>No Class Veterans' Day</b>	
November 13	Meats	
November 15	Meats	<b>Aquaculture</b>
November 17	Aquaculture- Francis-Floyd	
November 20	Aquaculture- Francis-Floyd	
November 22-24	<b>No class-Thanksgiving</b>	
November 27	Sheep & Goats	
November 29	Sheep & Goats	
December 1	Issues in Animal Science	
December 4	Issues in Animal Science	
December 7	<b>EXAM4</b>	
December 12 <sup>th</sup>	<b>Optional Final Exam (8:00 am-10:00am)</b>	

