ANS 3006 Introduction to Animal Science
Fall Semester 2025

INSTRUCTOR

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Booking link

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

- 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.
- Develop an insight into 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.

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, near daily iCLicker questions will reflect relative engagement in the course. **Annotated slides will not be provided**. Missing class will require consultation with peers to fill in missing lecture content.

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 25th	5 points
Sustainability discussion	August 25th	5 points
Poultry Housing	September 3rd	20 Points
Antibiotic resistance	September 22nd	20 points
How much water to produce a hamburger patty?	October 15th	30 points
Aquaculture videos	November 12th	20 points

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

EXAMS

Exam #1:	September 12th	120 points
Exam #2:	October 6th	140 points
Exam #3:	October 31st	140 points
Exam #4:	December 3rd	140 points
Final exam (8:00 pm-10:00pm) ***Optional***	December 9th	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, and140 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+			

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.

PRIVACY AND ACCESSIBILITY POLICIES

Instructure (Canvas)

- Instructure Privacy Policy
- Instructure Accessibility

Tentative Lecture Schedule

Date	Topic	Assignments
August 22	What is ANS and Land Grant System	
August 25	Animal Behavior and Welfare	**Intro and Sustainability**
August 27	Animal Behavior and Welfare	
August 29	Genetics	
September 1	**No Class Labor Day**	
September 3	Genetics	**Poultry Housing**
September 5	Nutrition	
September 8	Nutrition	
September 10	Nutrition	
September 12	**Exam 1**	
September 15	Reproduction	
September 17	Reproduction	
September 19	Reproduction	
September 22	Dairy	**Antibiotic Resistance**
September 24	Dairy	
September 26	Dairy	
September 29	Swine	
October 1	Swine	
October 3	Swine	
October 6	**EXAM 2**	
October 8	Beef	
October 10	Beef	
October 13	Beef	
October 15	Poultry	**Water**
October 17	**No Class- Homecoming**	
October 20	Equine- TenBroeck	
October 22	Equine- TenBroeck	
October 24	Equine- TenBroeck	
October 27	Poultry	
October 29	Poultry	
October 31	**EXAM 3**	
November 3	Animal Health	
November 5	Animal Health	
November 7	Meats	
November 10	Meats	
November 12	Meats	**Aquaculture**
November 14	Sheep & Goats	
November 17	Aquaculture - Francis-Floyd	
November 19	Aquaculture - Francis-Floyd	
November 21	Sheep & Goats	
Nov 24- Dec 2	**No class-Thanksgiving break**	
December 1	Issues in Animal Science	
December 3	**EXAM 4**	
December 9	**Optional Final Exam**	**(8:00 pm-10:00pm)**