

ANS 3006
Introduction to Animal Science
Fall Semester 2019

Instructors

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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

1. To help students understand the broad scope of disciplines and opportunities existing in the livestock industry and their contribution to humans.
2. To help students comprehend the basic principles of Animal Sciences.
3. To help students understand the purpose, proper usage, and impact of management techniques used in the various livestock industries.
4. To help students develop an insight into the problems and status of livestock production.
5. To help students realize the affiliation that exists between livestock production and other agricultural enterprises.
6. 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 for the PowerPoints only serve as a note-taking guide; 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.

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.

Questions of the day/minute papers:

This semester, we will be utilizing iClickers in the course. An account will need to be created at <https://www.iclicker.com/>. **There is a cost associated with having an iClicker account.** 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. Students have two weeks to report discrepancies in iClicker scoring before they are locked in.

Assignments

Introductory discussion post and survey	August 28 th	10 points
Sustainability discussion	August 28 th	5 points
Antibiotic resistance	September 23	20 points
How much water to produce a hamburger patty?	October 23 rd	20 points
Meat retail audit	November 13 th	20 points
Post survey	December 4 th	5 points

Exams

Exam #1:	September 11 th	100 points
Exam #2:	October 7 th	120 points
Exam #3:	November 1 st	120 points
Final Exam:	December 10 th 8:00-10:00 am	140 points

***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 8:20am to complete each exam.

Grading System:

Questions of the day/minute papers	Up to 60 points
Assignments	80 points
Exams @ 100, 120, and 120 points	340 points
Final Exam 20 points cumulative, 120 points from after exam 3	140 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%<83%	B-	≥67% <70%	D+
≥90%<93%	A-	≥77% <80%	C+	≥63%<67%	D
≥87% <90%	B+	≥73%<77%	C	≥60%<63%	D-
≥83%<87%	B	≥70%<73%	C-	<60%	E

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.

Campus Helping Resources

Students experiencing crises or personal problems that interfere with their general well-being 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/cwc/
 - Counseling Services
 - Groups and Workshops
 - Outreach and Consultation
 - Self-Help Library Training Programs
 - Community Provider Database
- U Matter We Care, www.umatter.ufl.edu/
- Career Resource Center, First Floor JWRU, 392-1601, www.crc.ufl.edu/

Services for Students with Disabilities

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodations. Students with disabilities should follow this procedure as early as possible in the semester.

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. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

Tentative Lecture Schedule

Date	Topic	Instructor
August 21	Introduction	
August 23	What is ANS and Land Grant System	
August 26	Reproduction	
August 28	Reproduction	
August 30	Reproduction	
September 2	No Class Labor day	
September 4	Nutrition	
September 6	Nutrition	
September 9	Nutrition	
September 11	Exam 1	
September 13	Poultry	Miles
September 16	Poultry	Miles
September 18	Poultry	Miles
September 20	Poultry	Miles
September 23	Genetics	
September 25	Genetics	
September 27	Swine	
September 30	Swine	
October 2	Swine	
October 4	No Class- Homecoming	
October 7	EXAM2	
October 9	Dairy	
October 11	Dairy	
October 14	Dairy	
October 16	Animal Behavior and Welfare	Miller-Cushon
October 18	Beef	
October 21	Beef	
October 23	Beef	
October 25	Equine	TenBroeck
October 28	Equine	TenBroeck
October 30	Equine	TenBroeck
November 1	EXAM3	
November 4	Large Animal medicine	Rae
November 6	Large Animal medicine	
November 8	No Class Veterans' Day	
November 11	Meats	
November 13	Meats	
November 15	Meats	
November 18	Sheep & Goats	
November 20	Sheep & Goats	
November 22	Aquaculture	Francis-Floyd
November 25	Aquaculture	Francis-Floyd
November 27-29 th	No class-Thanksgiving	
December 2 nd	Issues in Animal Science	
December 4 th	Issues in Animal Science	
December 10 th	FINAL EXAM 8:00-10:00am	

