

ANS 3006

Introduction to Animal Science

Summer Semester 2022

Instructor

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Virtual Office Hours: Please e-mail for an appointment

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

Format

The course is 100% online. All materials will be found on Canvas. Students can work at their own pace as long as they are meeting specified completion dates. **All deadlines are at 11:59 pm of the specified date.**

- **Modules**
The course is divided into 13 modules consisting of a combination of video lectures, discussions, readings, and other activities. Module assessments, quizzes, and activities must be completed by the time the module closes. Items not completed will receive zero credit. Discussion topics will have their own independent completion windows.
- **Terminology assessment**
Each module will have a terminology exercise where students must achieve 80% to advance. Students will be given as many attempts as necessary to meet the threshold.

- **Discussions and activities**
Almost every week, there will be a discussion or other activity that is relevant to the week's topic. The activities may include reading and reflecting on a scientific paper, making observations in a grocery store, or other projects. A rubric will be provided setting the parameters of the discussion and how points will be assigned.
- **Module Quizzes**
At the end of each module there will be a 25-point quiz covering that module's content and terminology.
- **Late assignments/ Make-up work**
Since this class is online, students are free to work ahead if a time conflict is upcoming and from wherever they have internet access. If a student requires an extension, they must request it prior to the assignment's deadline and have reasonable justification. Late assignments will be docked 10% every 24 hours from when they were originally due. Canvas prorates the deduction based on the exact time submitted relative to the deadline.

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%	≥63%<67%		D
≥87%	<90%	≥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>

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/>.

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

Academic Honesty

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
 - Counseling Services
 - Groups and Workshops
 - Outreach and Consultation
 - Self-Help Library
 - Wellness Coaching
- U Matter We Care, www.umatter.ufl.edu/
- Career Connections Center, First Floor JWRU, 392-1601, <https://career.ufl.edu/>.

Student Complaints:

<http://www.distance.ufl.edu/student-complaint-process>

IMPORTANT DATES

May 9th - First day of class

May 30st - Memorial Day

June 20th-24th- Summer break * No modules due*

July 4th - Independence Day

August 5th - Last day of class

Schedule

Module*	Date Due	Topic	Assignment/activity/discussion
1	May 13 th	Introduction, Land Grant University and Animal Science	Introduction Sustainability
2	May 20 st	Nutrition	Screwworms
3	May 27 th	Reproduction	
4	June 3 rd	Genetics	Reproductive Hormones
5 & 6	June 10 th	Animal Health	Antibiotic resistance
		Behavior and Welfare	
7	June 17 th	Dairy	Raw milk myth busters
June 20 th -24 th		Summer break, no modules due	
10	July 1 st	Beef	
8	July 8 th	Equine	Life cycle water analysis
13	July 15 th	Swine	Welfare Audit
12	July 22 nd	Poultry	Egg Exercise
9	July 29 th	Meats	Meat retail exercise
11	August 5 ^t	Sheep and Goats	Sheep and goat production

*Note the modules numbers are not necessarily in sequence. They have been rearranged to better synchronize with the lab.