

ANS 3006
INTRODUCTION TO ANIMAL SCIENCE
Spring Semester 2020

Instructor

Amie Imler

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Office Hours:

- Walk-ins: M 2:30 PM – 4:30 PM or F 9:00 AM – 12:00 PM
- Appointments: <https://amieufansci.youcanbook.me/>

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. Understand the broad scope of disciplines and opportunities existing in the livestock industry and their contribution to humans.
2. Comprehend the basic principles of Animal Sciences.
3. Understand the purpose, proper usage, and impact of management techniques used in the various livestock industries.
4. Develop an insight into 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.

Schedule

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

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.

Canvas will be utilized as the online learning platform for the course where students will download lecture outlines and supplements, submit out-of-class assignments, monitor their grades, and receive course announcements and updates.

Although the lab is not a required course for non-Animal Sciences majors and may be taken in a separate semester from the lecture, it is strongly recommended students take ANS 3006L Introduction to Animal Sciences Laboratory in the same semester as the ANS 3006 Introduction to Animal Sciences lecture. Lecture and lab material are designed and presented in a way to maximize the student learning experience. Grading for lecture and lab are independent of each other.

Reference Text – Not Required

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

Class Attendance:

Daily attendance records will not be maintained for lectures. However, the materials for exams, out of class assignments, and professional development points will be taken from the subject matter presented in the lecture periods.

Requirements for class attendance, make-up exams and other work in this course are consistent with university policies that can be found at: <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>.

Professional Development Points:

Periodically, students will be asked to write brief answers to questions pertaining to class material or to give their opinions on relevant subject matter using information gained from the course. 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 and in most cases, will be based on participation rather than correctness. **These questions will be worth 2 points each, for a total of 50 points towards the final grade (~10% of final grade). Students will be allowed to drop their lowest 5 professional development assignments.**

Out-of-Class Assignments

Two discussions, which include career surveys, **will be assigned. Each discussion assignment will be worth 10 points each**, with one due at the beginning of the semester and one due at the end of the semester.

- Introduction Discussion & Career Survey – due January 10, 2020
- Final Discussion & Career Survey – due April 22, 2020

Four additional out-of-class assignments worth 25 points each will be given at different times throughout the semester.

- Assignment 1 – Comparative Reproductive & Digestive Anatomy – due January 17, 2020
- Assignment 2 – Animal Welfare Audit – due February 17, 2020
- Assignment 3 – How Much Water? Life Cycle Assessment – due March 23, 2020
- Assignment 4 – Issue Analysis – due April 17, 2020

All out-of-class assignments will be posted in Canvas and will be submitted through Canvas. **Out-of-class assignments may be submitted up to one week late with a 10% per day deduction.**

Exams

Exam 1:	January 28 th , 2019	100 pts
Exam 2:	February 20 st , 2019	100 pts
Exam 3:	March 27 th , 2019	100 pts
Exam 4:	April 24 th , 2019	100 pts

Note: All exams are to be taken at their scheduled times. Make-up exams will only be given for prior excused absences and absences consistent with the university's make-up policies (<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>). When appropriate, arrangements need to be made prior to the exam day. As a courtesy, lecture exams will begin at 7:00 AM in McCarty Hall C Room 100. Students must ensure they arrive to the exam no later than the start of the regularly scheduled lecture time of 7:25 AM. Exams must be completed by 8:15 AM.

****Reviews for the during-term exams will be scheduled prior to the exam – students should monitor Canvas and in-class announcements for dates, times, and locations of reviews.*

Lecture Final

A final cumulative exam will be administered during the assigned final exam time during finals week. Rescheduling of final exams will not be permitted.

Wednesday, April 29, 2020

5:30 PM – 7:30 PM

McCarty Hall C Room 100

The final exam will be worth a total of 100 points and will replace your lowest during-term exam grade.

****Students who are satisfied with their final grade at the end of the course may opt to NOT take the final exam. Students who opt to take the final exam must have their final exam graded and it will be included in their overall grade.*

Grading System:

Four exams @ 100 points each	400 points
Professional Development Points @ 2 points each, lowest 10 points dropped	50 points
Two Discussion Assignments/Career Surveys @ 10 points each	20 points
Four Out-of-Class Assignments @ 25 points each	100 points
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	570 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/UGRD/academic-regulations/grades-grading-policies/>

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

Student Honor Code

UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students 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.” The Honor Code (sccr.dso.ufl.edu/process/student-conduct-code/) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

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.

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 umatter.ufl.edu/ to refer or report a concern and a team member will reach out to the student in distress.
- Counseling and Wellness Center: Visit counseling.ufl.edu/ 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 shcc.ufl.edu/.
- University Police Department: Visit police.ufl.edu/ 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; ufhealth.org/emergency-room-trauma-center.

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 career.ufl.edu/.
- Library Support: cms.uflib.ufl.edu/ask 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. teachingcenter.ufl.edu/
- Writing Studio: 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers. writing.ufl.edu/writing-studio/
- Student Complaints:
 - On-Campus: sccr.dso.ufl.edu/policies/student-honor-codestudent-conduct-code/
 - On-Line Students Complaints: [distance.ufl.edu/student-complaint-process/ /](http://distance.ufl.edu/student-complaint-process/)

Online Course Evaluation Process

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 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 ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at gatorevals.aa.ufl.edu/public-results/.

Tentative Lecture Schedule

Date	Topic	Instructor	Out-of-Class Assignments
Jan 6	Introduction	Imler	
Jan 8	What is ANS/Land Grant System	Imler	
Jan 10	Reproduction	Imler	Introduction Discussion & Career Survey Due
Jan 13	Reproduction	Imler	
Jan 15	Reproduction	Imler	
Jan 17	Nutrition	Imler	Comparative Animal Reproduction & Nutrition Due
Jan 20	No Class-MLK day	Imler	
Jan 22	Nutrition	Imler	
Jan 24	Nutrition	Imler	
Jan 27	Exam 1		
Jan 29	Equine	TenBroeck	
Jan 31	Equine	TenBroeck	
Feb 3	Equine	TenBroeck	
Feb 5	Genetics	Imler	
Feb 7	Genetics	Imler	
Feb 10	Growth and Development	Imler	
Feb 12	Livestock Behavior and Welfare	Miller-Cushon	
Feb 14	Meats	J. Scheffler	
Feb 17	Meats	J. Scheffler	Animal Welfare Audit Due
Feb 19	Meats	J. Scheffler	
Feb 21	EXAM2		
Feb 24	Beef	Imler	
Feb 26	Beef	Imler	
Feb 28	Beef	Imler	
March 2-6	No Class-Spring Break		
March 9	Swine	Imler	
March 11	Swine	Imler	
March 13	Swine	Imler	
March 16	Dairy	Imler	
March 18	Dairy	Imler	
March 20	Dairy	Imler	
March 23	Aquaculture	Francis-Floyd	How Much Water? Due
March 25	Aquaculture	Francis-Floyd	
March 27	EXAM3		
March 30	Sheep and Goats	Imler	
April 1	Sheep and Goats	Imler	
April 3	Sheep and Goats	Imler	
April 6	Large Animal Medicine	Rae	
April 8	Poultry	Miles	
April 10	Poultry	Miles	
April 13	Poultry	Miles	

April 15	Poultry	Miles	
April 17	Issues in Animal Sciences	Imler	Issue Analysis Due
April 20	Issues in Animal Sciences	Imler	
April 22	EXAM4		Final Discussion & Career Survey Due
April 29 5:30 PM – 7:30 PM	FINAL EXAM - OPTIONAL		