

**ANS 3006C**  
**Introduction to Animal Science**  
**Fall Semester 2015**

**Instructor**

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**Lab Instructor**

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**Teaching Assistants**

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**Office Hours:** Please e-mail for an appointment

**Schedule**

**Lecture:** M-W-F Period 1 (7:25- 8:15 am) McCarty A Room G186

**Laboratory 1:** Section 0258: Tuesday, Period 6-7 (12:50-2:45 pm)

**Laboratory 2:** Section 7012: Tuesday, Period 8-9 (3:00-4:55 pm)

**Laboratory 3:** Section 7016: Wednesday, Period 6-7 (12:50-2:45 pm)

**Laboratory 4:** Section 7017: Wednesday, Period 8-9 (3:00-4:55 pm)

**Laboratory 5:** Section 1B44: Thursday, Period 6-7 (12:50-2:45 pm)

**\*Note: All lecture classes will meet in McCarty Hall A, Room G186. Laboratories will meet at various locations throughout the semester and those locations will be announced in lecture and sent in an e-mail (also refer to the laboratory schedule).**

**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.

## **Class Attendance**

**Lecture:** Daily attendance is expected and questions of the day will be given at random times throughout the semester. The materials for exams and questions of the day will be taken from the subject matter presented in the lecture and laboratory periods and this subject matter will not be available anywhere else.

**Laboratory:** Each laboratory will have a worksheet given out at the beginning of the laboratory that will be due at the end of the laboratory period. **\*NOTE: THERE ARE NO MAKE-UPS ALLOWED FOR LABORATORIES.**

## **Course Information**

PowerPoints and oral presentations will be methods of communicating information for **most** of the lectures. Power points will not be provided for every lecture but diagrams and support material will be provided via email. It will be important to be in class and to take notes.

## **Grading System**

**\*NOTE: ALL EXAMS ARE TO BE TAKEN AT THEIR SCHEDULED TIMES. MAKE SURE YOU ARRIVE TO TAKE THE EXAM AT THE START OF CLASS TIME (7:25 AM) OR YOU WILL NOT BE PERMITTED TO TAKE THE EXAM. MAKE-UPS WILL BE GIVEN ONLY FOR PRIOR EXCUSED ABSENCES.**

### **Exams**

Exam #1: September 21, 2015	150 pts
Exam #2: October 12, 2015	150 pts
Exam #3: November 9, 2015	150 pts
Exam #4: December 9, 2015	150 pts

**\*If you feel you need more time to take the exams, I will allow students to begin the exam at 7:15 am the day the exam is scheduled. However, you will only have until 8:20 am to complete each exam.**

## **Dress Code**

Visiting farms requires appropriate clothing as a protective measure from a number of environmental hazards. These may include, but are not limited to, slobber, urine and various body fluids, manure, stinging insects, biting flies, hazardous plants, ropes and equipment, sun and heat exposure and of

course, a generous amount of dirt and grime. For your own protection you are required to wear sturdy closed-toe shoes, long pants and a sleeved (short or long) shirt for laboratory sessions. Flip-flops, sandals, bare midriffs, spaghetti-strap tops, shorts, short skirts and clothing that insufficiently covers your undergarments are specifically prohibited. Hats must be removed in the classroom and during quizzes or exams. Furthermore, as representatives of this class, our department and our university you are expected to dress, and to act, in a professional manner at all times.

## **Cell Phone, Laptops and Other Technology**

Cell phones must remain powered off and stored during class and labs unless specifically permitted for an activity or assignment. Use of laptops, tablets, and internet connected devices may be used in this course, however, these devices do come with social responsibility. Students are expected to keep sounds turned off, not to distract those around them, and most of all to limit “multitasking” activities that will distract themselves (ie email and social media.) Excessive multitasking and disruptive use of electronic devices will result in a dismissal from the classroom.

## **Questions of the Day**

Twenty unannounced questions of the day worth **five points each** will be given throughout the semester (**100 points**). **THERE ARE NO MAKE-UPS FOR THE QUESTIONS OF THE DAY.**

## **Laboratories**

Students will pick up a laboratory worksheet at the beginning of each laboratory and turn that in at the end of the laboratory for credit (**20 points/worksheet**). It is the student’s responsibility to arrive at the correct location for laboratories and to be on time. As a courtesy, transportation will be provided for some laboratories. Transportation will leave promptly at the start of the laboratory from the Animal Sciences Building (next to room 156). There will be a total of 13 laboratories with worksheets and we will count your best 12 toward your final grade (**240 points**). **THERE ARE NO MAKE-UPS FOR LABORATORIES.**

## **Final Grades**

Final grade averages will be computed as follows:

**A = 100-91; A- = 89-90; B+ = 86-88; B = 81-85; B- = 79-80; C+ = 76-78  
C = 71-75; C- = 69-70; D+ = 66-68; D = 61-65; D- = 59-60; E < 59**

## **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**

In 1995 the UF student body enacted an honor code and voluntarily committed itself to the highest standards of honesty and integrity. When students enroll at the university, they commit themselves to the standard drafted and enacted by students.

**The Honor 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 by abiding by the Honor Code.**

On all work submitted for credit by students at the university, the following pledge is either required or implied: **"On my honor, I have neither given nor received unauthorized aid in doing this assignment."**

Students should report any condition that facilitates dishonesty to the instructor, department chair, college dean, Student Honor Council, or Student Conduct and Conflict Resolution in the Dean of Students Office. (*Source: 2013-2014 Undergraduate Catalog*)

It is assumed all work will be completed independently unless the assignment is defined as a group project, in writing by the instructor. This policy will be vigorously upheld at all times in this course.

### **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/](http://www.counseling.ufl.edu/cwc/)

- Counseling Services
- Groups and Workshops
- Outreach and Consultation
- Self-Help Library
- Training Programs
- Community Provider Database

*Career Resource Center, First Floor JWRU, 392-1601, [www.crc.ufl.edu/](http://www.crc.ufl.edu/)*

### **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.

0001 Reid Hall, 352-392-8565, [www.dso.ufl.edu/drc/](http://www.dso.ufl.edu/drc/)

### **Online Course Evaluation Process**

Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

## Lecture Schedule

<b>Date</b>	<b>Topic</b>	<b>Instructor</b>
August 24	Introduction	Ten Broeck
August 26	What is ANS and Land Grant System	Ten Broeck
August 28	Nutrition	Ten Broeck
August 31	Nutrition	
September 2	Nutrition	Ten Broeck
September 4	Reproduction	Ten Broeck
September 7	<b>NO CLASS – LABOR DAY HOLIDAY</b>	Ten Broeck
September 9	Reproduction	Ten Broeck
September 11	Reproduction	Ten Broeck
September 14	Dairy	Ten Broeck
September 16	Dairy	Ten Broeck
September 18	Dairy	Ten Broeck
September 21	<b>EXAM # 1</b>	
September 23	Growth and Development	Ten Broeck
September 25	Growth and Development	Ten Broeck
September 28	Equine	Ten Broeck
September 30	Equine	Ten Broeck
October 2	Equine	Ten Broeck
October 5	Swine	Ten Broeck
October 7	Swine	Ten Broeck
October 9	Swine	Ten Broeck
October 12	<b>EXAM # 2</b>	
October 14	Beef	Hersom
October 16	Beef	Ten Broeck
October 19	Beef	Ten Broeck
October 21	Meats	Schefler
October 23	Meats	Schefler
October 26	Meats	Schefler
October 28	Poultry	Miles
October 30	Poultry	Miles
November 2	Poultry	Miles
November 4	Poultry	Miles
November 6	<b>NO CLASS -HOMECOMING</b>	
November 9	<b>EXAM # 3</b>	Ten Broeck
November 11	<b>NO CLASS - HOLIDAY</b>	<b>VETERANS DAY</b>
November 13	Sheep/Goats	Ten Broeck
November 16	Goats	Ten Broeck
November 18	Genetics	Brooks

November 20	Genetics	Brooks
November 23	Aquaculture	Frank Bishop
November 25	<b>NO CLASS – THANKSGIVING HOLIDAY</b>	
November 27	<b>NO CLASS – THANKSGIVING HOLIDAY</b>	
November 30	Aquaculture	Frank Bishop
December 2	Large Animal Medicine	Vet School
December 4	Large Animal Medicine	Vet School
December 7	Large Animal Medicine	Vet School
December 9	<b>EXAM # 4</b>	

### **Laboratory Schedule**

<b>Date</b>	<b>Topic</b>	<b>Location</b>
August 25-27	Speaking Livestock	Bldg. 459, Room 102
September 1-3	Nutrition	Bldg. 459, Room 102
September 8-10	Reproduction	Bldg. 459, Room 102
September 15-17	Dairy I	Dairy Unit*
September 22-24	Dairy II	Dairy Unit*
September 29 - October 1	Equine	Horse Teaching Unit*
October 7-9	Swine	Swine Unit*
October 13-15	Beef	Beef Teaching Unit*
October 20-22	Dairy Products and Non-Meat By-Products	Bldg. 459, Room 102
October 27-29	Meats- Assigning Value	ANS RM 156
November 3-5	Meat Products	Bldg. 459, Room 102
November 10-12	NO LABORATORY	
November 17-19	Poultry 1	Bldg. 459, Room 102
November 24-26	NO LABORATORY	
December 1-3	Poultry 2	Bldg. 459, Room 102

**\*Note: Laboratories with asterisks next to the location will have transportation provided.**