

**ANS 3006**  
**Introduction to Animal Science**  
**Fall Semester 2017**  
**3 credits**

**Course Instructor**

Dr. Sandra TenBroeck Office: Bldg. 459, Room 100 Ph: 352-392-2789 E-mail: [sht@ufl.edu](mailto:sht@ufl.edu)

**Teaching Assistant**

Thiago Fachetti Fabris [fabris@ufl.edu](mailto:fabris@ufl.edu)

**Schedule**

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

**Instructor:** Dr. Sandra TenBroeck

**Office Hours:** M, W, F 9:30 – 11:30, 1:30 – 3:30 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, genetics, behavior and welfare 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 locally and globally.
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. Power points will not be provided for lectures. Skeleton outlines, diagrams and support material will be posted on Canvas or provided via email prior to lecture. It will be important to be in class to receive all the course information necessary to be prepared for the exams.

## **Class Attendance**

Daily attendance is expected. 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 in the lecture periods. This subject matter will not be available anywhere else.

## **Dress Code**

College is a time of preparation for joining the work force and you should take pride in your appearance. Bare midriiffs, spaghetti-strap tops, short shorts, mini-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.

## **Questions of the Day/Minute Papers**

Periodically, students will be asked to write brief answers to questions pertaining to class material or opinions on a relevant subject. Questions of the day/minute papers will be graded and are worth **five points each (up to 100 points)**. There will be **NO MAKE-UPS for these points**.

## **Grading System**

Three semester exams @ 150 points each	450 points
Final exam: 100 points new material, 150 points old material	250 points
Up to 20 Questions of the day/minute papers @ 5 points each	up to 100 points

**\*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 22, 2017*	150 pts
Exam #2: October 20, 2017*	150 pts
Exam #3: November 17, 2017*	150 pts
Final exam: December 13, 2017 (finals week)	250 pts (100 pts new, 150 cumulative)

**\*If you feel you need more time to take the exams, you may begin at 7:10 a.m. the day the exam is scheduled. However, everyone will only have until 8:20 am to complete each exam.**

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

Cell phones must remain silent and stored during class unless specifically permitted for an activity or assignment. 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 restrict “multitasking” activities (ie. email and social media.) that will distract themselves or others. Excessive multitasking and disruptive use of electronic devices will result in a dismissal from the classroom.

## **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:

<b>A</b>	<b>≥ 91</b>	<b>B-</b>	<b>≥ 78 - &lt;81</b>	<b>D+</b>	<b>≥ 65 - &lt;68</b>
<b>A-</b>	<b>≥ 88 - &lt;91</b>	<b>C+</b>	<b>≥ 75 - &lt;78</b>	<b>D</b>	<b>≥ 61 - &lt;65</b>
<b>B+</b>	<b>≥ 85 - &lt; 88</b>	<b>C</b>	<b>≥ 71 - &lt;75</b>	<b>D-</b>	<b>≥ 58 - &lt; 61</b>
<b>B</b>	<b>≥ 81 - &lt;85</b>	<b>C-</b>	<b>≥ 68 - &lt;71</b>	<b>E</b>	<b>&lt; 58</b>

## **Grades and Grade Points**

Information on current UF policies for assigning grade points:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

## **Attendance and Make-Up Work**

Requirements for class attendance and make-up exams, assignments and other work are consistent with university policies that can be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

## **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.

## **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, Wellness Coaching*
- U Matter We Care, [www.umatter.ufl.edu/](http://www.umatter.ufl.edu/)
- *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. 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, [www.dso.ufl.edu/drc/](http://www.dso.ufl.edu/drc/)

## **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>.

## Lecture Schedule

<b>Date</b>	<b>Topic</b>	<b>Instructor</b>
August 21	Introduction & course overview	Ten Broeck
August 23	Land Grant System & Livestock Systems	Ten Broeck
<b>August 25</b>	Issues in Animal Agriculture	Ten Broeck
August 28	Poultry	Miles
August 30	Poultry	Miles
<b>September 1</b>	Poultry	Miles
September 4	<b>NO CLASS – LABOR DAY HOLIDAY</b>	
September 6	Poultry	Miles
<b>September 8</b>	Meats	Scheffler
September 11	Meats	Scheffler
September 13	Meats	Scheffler
<b>September 15</b>	Genetics	Ten Broeck
September 18	Genetics	Ten Broeck
September 20	Growth & Development	Ten Broeck
<b>September 22</b>	<b>EXAM #1</b>	
September 25	Livestock Behavior & Welfare	Cushion-Miller
September 27	Reproduction	Ten Broeck
<b>September 29</b>	Reproduction	Ten Broeck
October 2	Reproduction	Ten Broeck
October 4	Nutrition	TenBroeck
<b>October 6</b>	<b>NO CLASS -HOMECOMING</b>	
October 9	Nutrition	TenBroeck
October 11	Nutrition	Ten Broeck
<b>October 13</b>	Swine	Mendez
October 16	Swine	Mendez
October 18	Swine	Mendez
<b>October 20</b>	<b>EXAM #2</b>	
October 23	Dairy	Nelson
October 25	Dairy	Nelson
<b>October 27</b>	Dairy	Nelson
October 30	Equine	Ten Broeck
November 1	Equine	Ten Broeck
<b>November 3</b>	Equine	TenBroeck
November 6	Beef	Hersom
November 8	Beef	Hersom
<b>November 10</b>	<b>NO CLASS – VETERNS DAY HOLIDAY</b>	
November 13	Beef	Hersom
November 15	Aquaculture	Frank Bishop
<b>November 17</b>	<b>EXAM # 3</b>	
November 20	Aquaculture	Frank Bishop

November 22	<b>NO CLASS – THANKSGIVING HOLIDAY</b>	
<b>November 24</b>	<b>NO CLASS – THANKSGIVING HOLIDAY</b>	
November 27	Sheep/Goats	Ten Broeck
November 29	Sheep/Goats	Ten Broeck
<b>December 1</b>	The Profession of Veterinary Medicine	Lance Baltzley
December 4	Large Animal Medicine	Owen Rae
December 6	Course Wrap-up & Review	TenBroeck
<b>December 13</b>	<b>FINAL EXAM</b>	<b>7:30-9:00p.m.</b>

ANS 3006L is the companion lab course for ANS 3006. Every effort has been made to ensure the laboratory schedule is coordinated with the lecture schedule so that the topics are concurrent. Grading for lecture and lab are independent of each other.