

**ANS 3006C**  
**Introduction to Animal Science**  
**Fall Semester 2016**  
**4 credits**

**Course Instructor**

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

**Laboratory Coordinator**

Ms. Amie Imler  
Office: Bldg. 459 – Room 100  
352 392-9739  
E-mail: [amie.taylor@ufl.edu](mailto:amie.taylor@ufl.edu)

**Schedule & Instructors**

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

**Instructor:** Dr. Sandra TenBroeck

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

**Instructor:** Amie Imler [amie.taylor@ufl.edu](mailto:amie.taylor@ufl.edu)

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

**Instructor:** Ethan Propp [epropp@ufl.edu](mailto:epropp@ufl.edu)

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

**Instructor:** Claudia Rodriguez [rodriguez@ufl.edu](mailto:rodriguez@ufl.edu)

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

**Instructor:** Heather Hamblen [heather.hamblen@ufl.edu](mailto:heather.hamblen@ufl.edu)

**Laboratory 5:** Section 2G41: Thursday, Period 6-7 (12:50-2:45 pm)

**Instructor:** Ethan Propp [epropp@ufl.edu](mailto:epropp@ufl.edu)

**Undergraduate Teaching Assistants**

Thomas Domansky  
Harley Fogler  
Ashley Intihar

Lucy Berman  
Brittney Thompson  
Sarah do Nascimento-Emond

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

**\*Note: All lecture classes will meet in G186 McCarty Hall A. Laboratories will meet at various locations throughout the semester and those locations are listed on the syllabus, will be announced in lecture, and posted on canvas.**

## **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. Power points will not be provided for every lecture but 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 for the PowerPoints only serve as a note-taking guide.

## **Class Attendance**

**Lecture:** 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 and laboratory periods. This subject matter will not be available anywhere else.

**Laboratory:** 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).

At the beginning of each laboratory, a sign-in sheet will be passed around for **10 attendance points**. Each week, a quiz covering the week's material will open on Canvas Thursday evening beginning at 5p.m. and will close Saturday afternoon at 5:00 p.m. The quiz will be **worth 10 points**. At the end of the semester, the two lowest quizzes and/or lab attendance will be dropped (240 points possible).

**\*NOTE: THERE ARE NO MAKE-UPS ALLOWED FOR LABORATORIES.**

## **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 midriiffs, 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. 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 (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.

## **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**

Four exams @ 150 points	600 points
Up to 20 Questions of the day/minute papers @ 5 points each	up to 100 points
14 labs with 10 attendance and 10 quiz points each, 2 drops	260 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 19, 2016*	150 pts
Exam #2: October 12, 2016*	150 pts
Exam #3: November 7, 2016*	150 pts
Exam #4: December 15, 2016 (finals week)	150 pts

**\*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.**

## **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>≥ 92</b>	<b>B-</b>	<b>≥ 79 - &lt;82</b>	<b>D+</b>	<b>≥ 66 - &lt;69</b>
<b>A-</b>	<b>≥ 89 - &lt;92</b>	<b>C+</b>	<b>≥ 76 - &lt;79</b>	<b>D</b>	<b>≥ 62 - &lt;66</b>
<b>B+</b>	<b>≥ 86 - &lt; 89</b>	<b>C</b>	<b>≥ 72 - &lt;76</b>	<b>D-</b>	<b>≥ 59 - &lt; 62</b>
<b>B</b>	<b>≥ 82 - &lt;86</b>	<b>C-</b>	<b>≥ 69 - &lt;72</b>	<b>E</b>	<b>&lt; 59</b>

## **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>

## **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 22	Introduction	Ten Broeck
August 24	What is ANS and Land Grant System	Ten Broeck
August 26	Livestock Issues	Ten Broeck
August 29	Growth & Development	Ten Broeck
August 31	Genetics	Ten Broeck
September 2	Genetics	Ten Broeck
September 5	<b>NO CLASS – LABOR DAY HOLIDAY</b>	
September 7	Meats	Scheffler
September 9	Meats	Scheffler
September 12	Meats	Scheffler
September 14	Reproduction	Ten Broeck
September 16	<b>EXAM # 1</b>	
September 19	Reproduction	Ten Broeck
September 21	Reproduction	TenBroeck
September 23	Nutrition	TenBroeck
September 26	Nutrition	TenBroeck
September 28	Nutrition	Guest
September 30	Swine	Ten Broeck
October 3	Swine	Ten Broeck
October 5	Swine	Ten Broeck
October 7	<b>NO CLASS -HOMECOMING</b>	
October 10	Behavior/Welfare	Cushion-Miller
October 12	Behavior/Welfare	
October 14	<b>EXAM # 2</b>	TenBroeck
October 17	Dairy	Guest
October 19	Dairy	Guest
October 21	Dairy	Guest
October 24	Equine	Ten Broeck
October 26	Equine	Ten Broeck
October 28	Equine	Ten Broeck
October 31	Sheep/Goats	Ten Broeck
November 2	Beef	Ten Broeck
November 4	<b>EXAM # 3</b>	
November 7	Beef	Hersom
November 9	Beef	Hersom
November 11	<b>NO CLASS – VETERNS DAY HOLIDAY</b>	
November 14	Aquaculture	Frank Bishop
November 16	Aquaculture	Frank Bishop
November 18	Large Animal Medicine	Owen Rae
November 21	Large Animal Medicine	Owen Rae

November 23	<b>NO CLASS – THANKSGIVING HOLIDAY</b>	
November 25	<b>NO CLASS – THANKSGIVING HOLIDAY</b>	
November 28	Poultry	Miles
November 30	Poultry	Miles
December 2	Poultry	Miles
December 5	Poultry	Miles
December 7	Course Wrap-up	TenBroeck
December 15	<b>EXAM # 4</b>	8:00-10:00 p.m.

### **Laboratory Schedule**

<b>Date</b>	<b>Topic</b>	<b>Location</b>
August 23 - 25	Animal Husbandry	Bldg. 459, Room 151
August 30 - September 1	Dairy Products and Non-Meat By-Products	Bldg. 459, Room 151
September 6 - 8	Meat Products	Bldg. 459, Room 151
September 13 – 15	Meats- Assigning Value	ANS RM 156
September 20 – 22	Reproduction	Bldg. 459, Room 151
September 27 – 29	Nutrition	Bldg. 459, Room 151
October 4 – 6	Swine	Swine Unit
October 13 - 15	Dairy I	Dairy Unit*
October 18 - 20	Dairy II	Dairy Unit*
October 25 – 27	Equine	Horse Teaching Unit*
November 1 – 3	Sheep/Goats	Physiology Unit
November 8 – 10	Beef	Beef Teaching Unit
November 15 - 17	Poultry 1	Bldg. 459, Room 151
November 22 - 24	<b>NO LABORATORY</b>	
November 29 - December 1	Poultry 2	Bldg. 459, Room 151

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