

ANS 3006-UFOnline

Introduction to Animal Science

Fall Semester 2025

Instructor

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Please use my [Booking link](#) to identify available times.

Teaching Assistant

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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. Describe the broad scope of disciplines and opportunities existing in the livestock industry and their contribution to humans.
2. Apply the basic principles of Animal Sciences.
3. Describe the purpose, proper usage, and impact of management techniques used in the various livestock industries.
4. Discuss the problems and status of livestock production.
5. Assess the affiliation that exists between livestock production and other agricultural enterprises.

COURSE REQUIREMENTS

Course Materials

The course is 100% online. All materials will be found on Canvas. There is no required textbook. The following supplemental text may be helpful, but it is **not required**:

Damron, W. S. (2012). *Introduction to animal science* (5th ed.). Prentice Hall/Pearson. ISBN-10: 0-13-513486-2

Prerequisites

BSC2005, BSC2010, or equivalent

Minimum Technology Requirements

Below are the general technology requirements for taking an online course. If your course has different requirements, please alter the list as needed.

The University of Florida expects students entering an online program to acquire computer hardware and software appropriate to their degree program. Most computers are capable of meeting the following general requirements. A student's computer configuration should include:

- Broadband connection to the internet and related equipment (cable/DSL modem)
- Microsoft Office Suite installed (provided by the university)

Individual colleges may have additional requirements or recommendations that students should review before starting their program.

Minimum Technical Skills

To complete your tasks in this course, you will need a basic understanding of operating a computer and using word processing software.

Minimum Digital Information Literacy Skills

To complete this course's assignments, you will be required to locate and cite scholarly sources. You will not be required to use a specific citation style.

Materials/Supply Fees

There is no supply fee for this course.

MODULES

The course is divided into 14 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.

ASSIGNMENTS

Discussions

At different points during the semester, a discussion topic will be posed. A rubric will be provided, setting the parameters of the discussion and how points will be assigned.

Activities

At different points during the semester, an activity will be provided. A rubric will be provided, setting the parameters of how the activity will be graded.

Module Quizzes

At the end of each module, there will be a 30-point quiz covering that module's content and terminology.

COURSE POLICIES

Assignment Deadlines

All deadlines are at 11:59 pm on the specified date.

Late Assignments/Make-Up Work

Since this class is online, you are free to work ahead if a time conflict is upcoming, and you may work from wherever you have internet access. If you require an extension, you 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.

Requirements for make-up exams, assignments, and other work in this course are consistent with university policies that can be found on [UF's Attendance Policies](#) website.

As this is an online class, you are responsible for observing all posted due dates and are encouraged to be self-directed and take responsibility for your learning.

Artificial Intelligence Policy

AI should not be used to assist with any quizzes.

You can use AI for preliminary brainstorming on written assignments. However, you should note that output generated by these programs may be inaccurate, incomplete, or otherwise problematic, and it is on the student to critically evaluate those outputs. If you choose to use AI, you must declare which platform you used and cite it as a source.

Grading Policy

I will make every effort to have each assignment graded and posted within two weeks of the due date.

Course grading policy

Assignment	Points
Module quizzes	420
Canvas activities	160
Perusal readings	60
Canvas discussions	55

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% - <82.9%	B-	≥67% - <69.9%	D+
≥90% - <92.9%	A-	≥77% - <79.9%	C+	≥63% - <66.9%	D
≥87% - <89.9%	B+	≥73% - <76.9%	C	≥60% - <62.9%	D-
≥83% - <86.9%	B	≥70% - <72.9%	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/>.

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ACADEMIC POLICIES AND RESOURCES

Academic policies for this course are consistent with university policies. See <https://syllabus.ufl.edu/syllabus-policy/uf-syllabus-policy-links/>

CAMPUS HEALTH AND WELLNESS RESOURCES

Visit <https://one.uf.edu/whole-gator/topics> for resources that are designed to help you thrive physically, mentally, and emotionally at UF. Please contact [UMatterWeCare](#) for additional and immediate support.

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.

PRIVACY AND ACCESSIBILITY POLICIES

For information about the privacy policies of the tools used in this course, see the links below:

- Adobe
 - [Adobe Privacy Policy Links to an external site.](#)
 - [Adobe Accessibility Links to an external site.](#)
- Articulate
 - [Articulate Privacy Policy Links to an external site.](#)
 - [Articulate Accessibility Links to an external site.](#)
- Instructure (Canvas)
 - [Instructure Privacy Policy](#)
 - [Instructure Accessibility](#)
- Microsoft
 - [Microsoft Privacy Policy Links to an external site.](#)
 - [Microsoft Accessibility Links to an external site.](#)
- Perusall
 - [Perusall Privacy Policy Links to an external site.](#)
 - [Perusall AccessibilityLinks to an external site.](#)
- PlayPosit
 - [PlayPosit Privacy Policy Links to an external site.](#)
 - [PlayPosit Accessibility Links to an external site.](#)
- Respondus
 - [Respondus Privacy PolicyLinks to an external site.](#)
 - [Respondus Accessibility PolicyLinks to an external site.](#)
- Enghouse Video (Mediasite Streaming Video Player)
 - [Enghouse Video Privacy Policy Links to an external site.](#)
 - [Enghouse Video AccessibilityLinks to an external site.](#)
- YouTube (Google)
 - [YouTube \(Google\) Privacy Policy Links to an external site.](#)
 - [YouTube \(Google\) Accessibility Links to an external site.](#)
- Zoom
 - [Zoom Privacy Policy Links to an external site.](#)
 - [Zoom Accessibility Links to an external site.](#)

IMPORTANT DATES

August 21st - First day of class

September 1st – Labor Day

October 17th – Homecoming- Module still due on Friday rather than moving it up to Thursday

November 11th – Veterans Day

December 3rd - Last day of class

Schedule

Module*	Date Due	Topic	Assignment/activity/discussion
1	August 29 th	Introduction, Land Grant University and Animal Science	Introduction Sustainability
2	September 5 th	Nutrition	Screwworms
3	September 12 th	Reproduction	
4	September 19 th	Genetics	Reproductive Hormones
5	September 26 th	Animal Health	Antibiotic resistance
6	October 3 rd	Behavior and Welfare	Chicken housing welfare
7	October 10 th	Dairy	Raw milk claims
8	October 17 th *	Equine	Raw milk fact checking
9	October 24 th	Meats	Meat retail exercise
10	October 31 st	Beef	Life cycle water analysis
11	November 7 th	Poultry	Water analysis peer review
12	November 14 th	Swine	Welfare Audit, Water Final
13	November 21 st	Aquaculture	Aquaculture challenges
	November 24 th -28 th	Thanksgiving break	
14	December 3rd**	Sheep and Goats	Sheep and goat production

*November 17th is Homecoming. Rather than moving the deadline to Thursday, the usual Friday deadline is maintained. You can choose to complete the module early.

****Note the Wednesday deadline. It is the last day of class!**