

Cover Sheet: Request 10750

ANS3XXX Livestock Behavior and Welfare

Info

Process	Course New Ugrad/Pro
Status	Pending
Submitter	Imler,Amie M amie.taylor@ufl.edu
Created	2/4/2016 4:29:23 PM
Updated	3/14/2016 8:36:44 AM
Description	Insight into animal behavior, factors influencing behavior expression, and how to understand behavior as a means to assess and improve animal welfare, with a focus on livestock species.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CALS - Animal Sciences 514909000	Tenbroeck, Saundra Hodge		2/4/2016
Deleted 4932_cushon.pdf					2/4/2016
College	Approved	CALS - College of Agricultural and Life Sciences	Brendemuhl, Joel H	Approved by CALS CC 2-12-16	2/19/2016
No document changes					
University Curriculum Committee	Comment	PV - University Curriculum Committee (UCC)	Case, Brandon	Added to the March agenda.	2/22/2016
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			2/22/2016
No document changes					
Statewide Course Numbering System					
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

Course|New for request 10750

Info

Request: ANS3XXX Livestock Behavior and Welfare

Submitter: Imler, Amie M amie.taylor@ufl.edu

Created: 3/14/2016 8:36:09 AM

Form version: 8

Responses

Recommended Prefix

Enter the three letter code indicating placement of course within the discipline (e.g., POS, ATR, ENC). Note that for new course proposals, in rare cases SCNS will assign a different prefix.

Response:

ANS

Course Level

Select the one digit code preceding the course number that indicates the course level at which the course is taught (e.g., 1=freshman, 2=sophomore, etc.).

Response:

3

Number

Enter the three digit code indicating the specific content of the course based on the SCNS taxonomy and course equivalency profiles. For new course requests, this may be XXX until SCNS assigns an appropriate number.

Response:

XXX

Lab Code

Enter the lab code to indicate whether the course is lecture only (None), lab only (L), or a combined lecture and lab (C).

Response:

None

Course Title

Enter the title of the course as it should appear in the Academic Catalog.

Response:

Livestock Behavior and Welfare

Transcript Title

Enter the title that will appear in the transcript and the schedule of courses. Note that this must be limited to 21 characters (including spaces and punctuation).

Response:
Lvstk Behav Welfare

Effective Term

Select the requested term that the course will first be offered. Selecting "Earliest" will allow the course to be active in the earliest term after SCNS approval. If a specific term and year are selected, this should reflect the department's best projection. Courses cannot be implemented retroactively, and therefore the actual effective term cannot be prior to SCNS approval, which must be obtained prior to the first day of classes for the effective term. SCNS approval typically requires 2 to 6 weeks after approval of the course at UF.

Response:
Fall

Effective Year

Select the requested year that the course will first be offered. See preceding item for further information.

Response:
2016

Rotating Topic?

Select "Yes" if the course will have rotating (varying) topics in different terms. For rotating topics courses, the course title in the Schedule of Courses and the transcript can vary with the topic.

Response:
No

Amount of Credit

Select the number of credits awarded to the student upon successful completion, or select "Variable" if the course will be offered with variable credit and then indicate the minimum and maximum credits per section. Note that credit hours are regulated by Rule 6A-10.033, FAC. If you select "Variable" for the amount of credit, additional fields will appear in which to indicate the minimum and maximum number of total credits.

Response:
3

Repeatable Credit?

Select "Yes" if the course may be repeated for credit. Some courses, such as independent study courses, will have rotating (variable) topics. Students may be allowed to repeat these courses provided the content is different.

Response:

No

S/U Only?

Select "Yes" if all students should be graded as S/U in the course. Note that each course must be entered into the UF curriculum inventory as letter-graded or S/U. A course may not have both options. However, letter-graded courses allow students to take the course S/U with instructor permission.

Response:

No

Contact Type

Select the best option to describe course contact type. This selection determines whether base hours or headcount hours will be used to determine the total contact hours per credit hour. Note that the headcount hour options are for courses that involve contact between the student and the professor on an individual basis.

Response:

Regularly Scheduled

- Regularly Scheduled [base hr]
- Thesis/Dissertation Supervision [1.0 headcount hr]
- Directed Individual Studies [0.5 headcount hr]
- Supervision of Student Interns [0.8 headcount hr]
- Supervision of Teaching/Research [0.5 headcount hr]
- Supervision of Cooperative Education [0.8 headcount hr]

Contact the Office of Institutional Planning and Research (352-392-0456) with questions regarding contact type.

Degree Type

Select the type of degree program for which this course is intended.

Response:

Baccalaureate

Weekly Contact Hours

Indicate the number of hours faculty will have contact with students each week on average throughout the duration of the course.

Response:

3

Category of Instruction

Indicate whether the course is introductory, intermediate or advanced. Introductory courses are those that require no prerequisites and are general in nature. Intermediate courses require some

prior preparation in a related area. Advanced courses require specific competencies or knowledge relevant to the topic prior to enrollment.

Response:
Intermediate

- 1000 and 2000 level = Introductory undergraduate
- 3000 level = Intermediate undergraduate
- 4000 level = Advanced undergraduate
- 5000 level = Introductory graduate
- 6000 level = Intermediate graduate
- 7000 level = Advanced graduate

4000/5000 and 4000/6000 levels = Joint undergraduate/graduate (these must be approved by the UCC and the Graduate Council)

Delivery Method(s)

Indicate all platforms through which the course is currently planned to be delivered.

Response:
On-Campus

Course Description

Provide a brief narrative description of the course content. This description will be published in the Academic Catalog and is limited to 50 words or fewer. See course description guidelines.

Response:
This course introduces basic principles and applications of animal behavior, including approaches to improve animal welfare through an understanding of animal behavior. Examples are drawn from a wide range of species, but the focus is on applying concepts to understand the behavior and welfare of livestock.

Prerequisites

Indicate all requirements that must be satisfied prior to enrollment in the course. Prerequisites will be automatically checked for each student attempting to register for the course. The prerequisite will be published in the Academic Catalog and must be formulated so that it can be enforced in the registration system. Please note that upper division courses (i.e., intermediate or advanced level of instruction) must have proper prerequisites to target the appropriate audience for the course.

Response:
sophomore or junior standing

Completing Prerequisites on UCC forms:

- Use "&" and "or" to conjoin multiple requirements; do not use commas, semicolons, etc.
- Use parentheses to specify groupings in multiple requirements.
- Specifying a course prerequisite (without specifying a grade) assumes the required passing grade is D-. In order to specify a different grade, include the grade in parentheses immediately after the course number. For example, "MAC 2311(B)" indicates that students are required to obtain a grade of B in Calculus I. MAC2311 by itself would only require a grade of D-.
- Specify all majors or minors included (if all majors in a college are acceptable the college code is sufficient).

- "Permission of department" is always an option so it should not be included in any prerequisite or co-requisite.

*Example: A grade of C in HSC 3502, passing grades in HSC 3057 or HSC 4558, and major/minor in PPHP should be written as follows:
HSC 3502(C) & (HSC 3057 or HSC 4558) & (HP college or (HS or CMS or DSC or HP or RS minor))*

Co-requisites

Indicate all requirements that must be taken concurrently with the course. Co-requisites are not checked by the registration system.

Response:
none

Rationale and Placement in Curriculum

Explain the rationale for offering the course and its place in the curriculum.

Response:
Animal behavior and welfare has increasingly become a concern among consumers and the general public. This course will provide students with an opportunity to learn basic principles of animal behavior and how to apply those principles to ensure animal welfare in food animal production systems and other interactions of humans and animals.

Course Objectives

Describe the core knowledge and skills that student should derive from the course. The objectives should be both observable and measurable.

- Response:
- Describe fundamental processes involved in development and control of behavior
 - Discuss basic categories of behavior, drawing examples from different species
 - Apply understanding of animal behavior to draw conclusions about animal welfare
 - Consider how common management practices for livestock influence behavior and welfare
 - Interpret and critically evaluate scientific literature in the field of animal behavior

Course Textbook(s) and/or Other Assigned Reading

Enter the title, author(s) and publication date of textbooks and/or readings that will be assigned, or a representative list of readings.

Response:
Required textbook:

Price, E. O. (2008) Principles and Applications of Domestic Animal Behavior. CAB International.

Weekly Schedule of Topics

Provide a projected weekly schedule of topics. This should have sufficient detail to evaluate how the course would meet current curricular needs and the extent to which it overlaps with existing courses at UF.

Response:

What is Animal Behavior?
Describing Behavior
Behavior and Genetics
Experience, Learning, and Development
Equine Behavior
Invertebrate Behavior
Learning and Cognition
Motivation
Sensation and Perception
Feeding Behavior
Foraging
Social Behavior
Reproductive and Sexual Behavior
Maternal Behavior
Parent-offspring Conflict
Abnormal Behavior
What is Animal Welfare?
Equine Welfare
Animal Welfare Assessment
Human-Animal Interactions

Grading Scheme

List the types of assessments, assignments and other activities that will be used to determine the course grade, and the percentage contribution from each. This list should have sufficient detail to evaluate the course rigor and grade integrity.

Response:

Test 1 – 15%
Test 2 – 15%
In-class discussion activities (10 during term) 10%
Annotated bibliography – 10%
Literature review – 20%
Oral presentation – 5%
Final exam – 25%

Instructor(s)

Enter the name of the planned instructor or instructors, or "to be determined" if instructors are not yet identified.

Response:

Emily Miller-Cushon

ANS 3XXX – LIVESTOCK BEHAVIOR AND WELFARE
Department of Animal Sciences

This course is 3 credit hours.

Lecture Schedule: Monday, Wednesday, and Friday 11:45-12:45 (Period 5)

Class Location: Department of Animal Sciences, Room 151

Pre-Requisite: Sophomore or Junior Standing

Instructor:

Emily Miller-Cushon, PhD

Office: Room 104E, Bldg 499

Phone: 352-448-3748

E-mail: emillerc@ufl.edu

Teaching Assistant:

Kelsey Horvath

Office: Room 104C, Bldg 499

Email: kchorvath@ufl.edu

Office hours: We have an open-door policy. To make sure we are available, you may schedule an appointment via email.

Course Description: This course introduces basic principles and applications of animal behavior, including approaches to improve animal welfare through an understanding of animal behavior. Examples are drawn from a wide range of species, but the focus is on applying concepts to understand the behavior and welfare of livestock.

Course Objectives: Upon completion of this course, students will be able to:

- Describe fundamental processes involved in development and control of behavior
- Discuss basic categories of behavior, drawing examples from different species
- Apply understanding of animal behavior to draw conclusions about animal welfare
- Consider how common management practices for livestock influence behavior and welfare
- Interpret and critically evaluate scientific literature in the field of animal behavior

CLASS STRUCTURE

Lectures: Topics covered in the lecture will be presented with the aid of PowerPoint slides and short video clips. These topics are outlined in the lecture schedule. Questions and discussion in the classroom are highly encouraged.

Lecture slides will be posted on Canvas by 6pm on the day prior to the class (if I fail to meet this deadline, I will bring printouts to distribute in class). This set of lecture slides will not include all details and examples that are discussed in the lecture, and it is recommended that you add to them during the lecture.

Discussion activities: There will be 10 (subject to change, if needed) in-class activities during the term that will aid in your learning. These are designed to support the material covered in the

previous lectures. Grading for these activities will depend largely on participation; see Assignments and Grading.

Required textbook:

Price, E. O. (2008) Principles and Applications of Domestic Animal Behavior. CAB International.

ASSIGNMENTS AND GRADING

Assignments, tests, and the final exam will be graded according to a numeric rubric that we will discuss. Final grade in the course will be assigned based on numeric average, as described below.

Marking scheme:

A	92.5-100%	B+	86.5-89.4%	C+	77.5-80.4%	D+	67.5-69.4%	E	< 59.4
A-	89.5-92.4%	B	83.5-86.4%	C	73.5-77.4%	D	63.5-67.4%		
		B-	80.5-83.4%	C-	69.5-73.4%	D-	59.5-63.4%		

<i>Activity</i>	<i>Percentage of final grade</i>
Test 1 – September 28	15%
Test 2 – November 2	15%
In-class discussion activities (10 during term)	10%
Annotated bibliography – due November 9	10%
Literature review – due December 9	20%
Oral presentation – in class December 7 or 9	5%
Final exam – December 18	25%

Tests: There will be two non-cumulative tests during class-time (see class schedule). Expect tests to consist of both multiple choice and short answer questions. The format of each test will be discussed in more detail during class.

In-class activities: There will be 10 in-class activities during the term. These will usually involve reading ahead of time, and will require your active participation during class time. They will often involve individual thinking, discussion in small groups, and presentation of ideas to the class. There may be a quiz or written component to be handed in by the end of class.

Grading for in-class activities will be discussed on a case by case basis. Attendance on the day of the activity and active participation in the discussion or group work will be necessary to receive a

good grade. Your final grade for in-class activities (10 % of total grade) will be determined based on your 8 best marks (out of a total of 10 activities).

Assignments: A major class assignment will focus on a behavioral topic of your choosing (to be discussed in class and approved by the instructor). This assignment will involve three components: an annotated bibliography, a literature review, and an oral presentation given in class. These three components will be discussed in detail in class, with specific instructions and grading rubric made available.

Annotated bibliography: For your focal behavior topic, you will review the scientific literature and select 4 papers to review. For each paper you will describe the research question, methods, and summarize the important findings.

Literature review: For your focal behavior topic, you will build on your annotated bibliography, and write a literature review.

Oral presentation: You will prepare a presentation to be given to the class, concisely summarizing what you have learned about your behavior topic. Depending on behavior topics selected by the class, the oral presentation may be done as a group. This will be decided and discussed in class.

For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Absences, Make-up Work, and Late Assignments

Classroom participation is expected and encouraged. Requirements for class activity and exam attendance are consistent with university policy, and reasons for absence outside this policy will be considered unexcused: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

Please note that I will accept late assignments for unexcused absences, but that I will deduct 5 % from your grade for every day that the assignment is late. In the case of emergencies, please contact me as soon as possible to make arrangements to turn in assignments without penalty.

Requests to re-grade an exam or assignment must be made within one week from the date the grades were assigned. Grade challenges must be submitted in writing to the instructor.

CLASS SCHEDULE

Please note that this schedule is tentative. Dates that lecture topics are discussed are subject to change as we move through the term. Any significant changes will be discussed in class in advance of the lecture.

<i>Week</i>	<i>Date</i>	<i>Lecture Title</i>
1	M Aug 24	Course overview
	W Aug 26	What is animal behavior?

	F Aug 28	Discussion activity 1: Questions about animal behavior
	M Aug 31	Describing behavior
2	W Sept 2	Behavior and genetics
	F Sept 4	Behavior and genetics
	<i>M Sept 7</i>	<i>LABOR DAY – no class</i>
3	W Sept 9	Experience, learning, and development
	F Sept 11	Experience, learning, and development
	M Sept 14	<i>Guest lecture – Equine behavior</i>
4	W Sept 16	<i>Guest lecture – Invertebrate behavior</i>
	F Sept 18	Discussion activity 2: Learning and cognition
	M Sept 21	Motivation
5	W Sept 23	Motivation
	F Sept 25	Discussion activity 3: Motivation
	M Sept 28	TEST 1
6	W Sept 30	Sensation and perception
	F Oct 2	Discussion activity 4: Behavior topics
	M Oct 5	Feeding behavior
7	W Oct 7	Feeding behavior
	F Oct 9	Discussion activity 5: Foraging
	M Oct 12	Social behavior
8	W Oct 14	Social behavior
	F Oct 16	Discussion activity 6: Social behavior
	M Oct 19	Reproductive and sexual behavior
9	W Oct 21	Reproductive and sexual behavior
	F Oct 23	Discussion activity 7: Reproduction
	M Oct 26	Maternal behavior
10	W Oct 28	Maternal behavior
	F Oct 30	Discussion activity 8: Parent-offspring conflict
	M Nov 2	TEST 2
11	W Nov 4	Abnormal behavior
	<i>F Nov 6</i>	<i>HOMECOMING – no class</i>
	M Nov 9	Abnormal behavior, Annotated bibliography due
12	<i>W Nov 11</i>	<i>VETERANS DAY – no class</i>
	F Nov 13	Discussion activity 9: What is animal welfare?
	M Nov 16	Animal welfare
13	W Nov 18	Animal welfare
	F Nov 20	Animal welfare
	M Nov 23	<i>Guest lecture – Equine welfare topics</i>
14	<i>W Nov 25</i>	<i>HAPPY THANKSGIVING! - no class</i>
	<i>F Nov 27</i>	<i>HAPPY THANKSGIVING! - no class</i>
	M Nov 30	Discussion activity 10: Animal welfare assessment
15	W Dec 2	Human-animal interactions
	F Dec 4	Human-animal interactions

	M Dec 7	Oral presentations
16	W Dec 9	Oral presentations, Literature review due
	<i>F Dec 11</i>	<i>No class</i>
FINALS	F Dec 18	FINAL EXAM: 12:30 – 2:30 pm

OTHER IMPORTANT INFORMATION

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/honorcodes/honorcode.php>.

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.

Health and Wellness

U Matter, We Care:

If you or a friend is in distress, please contact umatter@ufl.edu or 352 392- 1575 so that a team member can reach out to the student.

Counseling and Wellness Center:

<http://www.counseling.ufl.edu/cwc/Default.aspx>, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Assault Recovery Services (SARS)
Student Health Care Center, 392-1161.

University Police Department, 392-1111 (or 9-1-1 for emergencies).
<http://www.police.ufl.edu/>

Academic Resources

Career Resource Center, Reitz Union, 392-1601. Career assistance and counseling.
<http://www.crc.ufl.edu/>

Library Support, <http://cms.uflib.ufl.edu/ask>. Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring.
<http://teachingcenter.ufl.edu/>

Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers. <http://writing.ufl.edu/writing-studio/>

Student Complaints Campus:
https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf

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/

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>.

