

Cover Sheet: Request 15211

EAB 4XXX - Applied Behavior Analysis with Animals: Survey of Applications

Info

Process	Course New Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Christina Alligood calligood@ufl.edu
Created	8/10/2020 4:29:29 PM
Updated	10/29/2020 1:27:46 PM
Description of request	I am requesting approval of my Applied Animal Behavior Analysis course as a numbered course within the Experimental Analysis of Behavior curriculum in the Department of Psychology. This course has been taught under the EAB4930 rotating topics course number since Fall 2018.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CLAS - Psychology 16400000	Julia Graber		8/17/2020
No document changes					
College	Conditionally Approved	CLAS - College of Liberal Arts and Sciences	Joseph Spillane	The College Curriculum Committee conditionally approves this request, with the following requested changes: 1) Transcript title: Appld Animal Behavior Analysis 2) Course Objectives: "become familiar with" and "think critically" are not observable and measurable. 3) Need week 15 4) Grading scheme missing letters	10/27/2020
No document changes					
Department	Approved	CLAS - Psychology 16400000	Julia Graber		10/29/2020
No document changes					
College	Approved	CLAS - College of Liberal Arts and Sciences	Joseph Spillane		10/29/2020
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			10/29/2020
No document changes					
Statewide Course Numbering System					
No document changes					
Office of the Registrar					
No document changes					

Step	Status	Group	User	Comment	Updated
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

Course|New for request 15211

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Description of request: I am requesting approval of my Applied Animal Behavior Analysis course as a numbered course within the Experimental Analysis of Behavior curriculum in the Department of Psychology. This course has been taught under the EAB4930 rotating topics course number since Fall 2018.

Submitter: Christina Alligood calligood@ufl.edu

Created: 10/28/2020 12:32:42 PM

Form version: 2

Responses

Recommended Prefix EAB

Course Level 4

Course Number XXX

Category of Instruction Advanced

Lab Code None

Course Title Applied Behavior Analysis with Animals: Survey of Applications

Transcript Title Appld Animal Behavior Analysis

Degree Type Baccalaureate

Delivery Method(s) Online

Co-Listing No

Effective Term Earliest Available

Effective Year Earliest Available

Rotating Topic? No

Repeatable Credit? No

Amount of Credit 3

S/U Only? No

Contact Type Regularly Scheduled

Weekly Contact Hours 3

Course Description Examination of applications of behavior analysis with domestic, exotic, and wild animals. Topics considered may include pet training, animal shelters, behavioral husbandry, service dogs, scent detection, and wildlife conservation.

Prerequisites EAB3002

Co-requisites N/A

Rationale and Placement in Curriculum Behavior analysis is a natural science devoted to understanding the role of antecedent events and consequences in determining behavior. One segment of this field involves applying its concepts and principles towards improving animal behavior, animal welfare, and human-animal interaction across a variety of settings and to the benefit of both animals and humans. Students of behavior analysis are increasingly interested in learning about and investigating careers in this area. This course would expand our current offerings in the application of behavior analysis by harnessing expertise that is unique to our department (we are one of the few departments in the nation with expert faculty in this area). The course is designed to build on foundational knowledge of behavioral principles from EAB 3002 (Principles of Behavior Analysis) to deepen students' understanding of the breadth of applications of behavior analysis with animals and some of the critical methods used in this area of work. When approved, we will add it to the list of courses that fulfill the requirements for the existing specialization track in Behavior Analysis within Psychology.

Course Objectives By the end of the course, students will:

1. Describe the history and current applications of behavior analysis to animal behavior.
2. Apply standards of evidence-based practice to examples of animal behavior management.
3. Critically evaluate animal behavior management practices with a quality of life focus.

Course Textbook(s) and/or Other Assigned Reading Breland & Breland (1951). A field of applied animal psychology. *American Psychologist* 6:202-204.

Burch & Pickel (1990). A toast to Most: Konrad Most, a 1910 pioneer in animal training. *Journal of Applied Behavior Analysis* 23:263-264.

Bailey & Gilaspy (2005). Operant psychology goes to the fair: Marian and Keller Breland in the popular press, 1947-1966. *The Behavior Analyst* 28:143-159.

Operant-Respondent Interrelationships: The biological context of conditioning. In Pierce, W.D. and Cheney, C.D. (2017). *Behavior Analysis and Learning: A Biobehavioral Approach*, Sixth Edition. Routledge, New York, NY.

Protopopova, A., Kisten, D., and Wynne, C.D.L. (2016). Evaluating a humane alternative to the bark collar: Automated differential reinforcement of not barking in a home-alone setting. *Journal of Applied Behavior Analysis* 49:735-44.

Bright, T.M. & Hadden, L. (2017) Safewalk: Improving enrichment and adoption rates for shelter dogs by changing human behavior. *Journal of Applied Animal Welfare Science* 20:95-105.

Protopopova, A. & Wynne, C.D.L. (2015). Improving in-kennel presentation of shelter dogs through response-dependent and response-independent treat delivery. *Journal of Applied Behavior Analysis* 48:590-601.

Ferguson, D.L. and Rosales-Ruiz, J. (2001). Loading the Problem Loader: The effects of target training and shaping on trailer-loading behavior of horses. *Journal of Applied Behavior Analysis* 34:409-24.

Brando, S. (2010). Advances in Husbandry Training in Marine Mammal Programs. *International Journal of Comparative Psychology* 23:777-91.

Slocum, T.A., Detrich, R., Wilczynski, S.M., Spencer, T.D., Lewis, T., and Wolfe, K. (2014). The evidence-based practice of applied behavior analysis. *The Behavior Analyst* 37:41-56.

Alligood, C.A., Dorey, N.R., Mehrkam, L.R., and Leighty, K.A. (2017). Applying behavior-analytic methodology to the science and practice of environmental enrichment in zoos and aquariums. *Zoo Biology* 36:175-85.

Dorey, N.R., Rosales-Ruiz, J., Smith, R., and Lovelace, B. (2009). Functional analysis and treatment of self injury in a captive olive baboon. *Journal of Applied Behavior Analysis* 42:785-94.

Bloomsmith, M.A., Marr, M.J., and Maple, T.L. (2007). Addressing nonhuman primate behavioral problems through the application of operant conditioning: Is the human treatment approach a useful model? *Applied Animal Behaviour Science* 102:205-22.

Craigon, P.J., Hobson-West, P., England, G.C.W., Whelan, C. Lethbridge, E., and Asher, L. (2017). "She's a dog at the end of the day": Guide dog owners' perspectives on the behaviour of their guide dog. *PLoS ONE* 12: e0176018.

Asher, L., Blythe, S., Roberts, R., Toothill, L., Craigon, P.J., Evans, K.M., Green, M.J., and England, G.C.W. (2013). A standardized behavior test for potential guide dog puppies: Methods and association with subsequent success in guide dog training. *Journal of Veterinary Behavior* 8:431-38.

Poling, A., Weetjens, B.J., Cox, C., Beyene, N., Bach, H., and Sully, A. (2010). Teaching giant African pouched rats to find land mines: operant conditioning with real consequences. *Behavior Analysis in Practice* 3:19-25.

Griffin, A.S., Blumstein, D.T., and Evans, C.S. (2000). Training captive bred or translocated animals to avoid predators. *Conservation Biology* 14:1317-26.

Weekly Schedule of Topics 1. Getting Started - Introduction and Course Overview

2. History of Animal Behavior Management
3. Basic and Complex Behavior
4. Pet Training
5. Animal Shelters
6. Horse Training
7. Behavioral Husbandry I: Training
8. Putting It Together/Evidence-Based Practice
9. Behavioral Husbandry II: Enrichment
10. Behavioral Husbandry III: Behavioral Problem Solving
11. Animal Helpers: Service Dogs
12. Animal Helpers: Hero Rats
13. Animal Helpers: Law Enforcement and Military
14. Wildlife Conservation
15. Putting It All Together/Final Portfolio

Grading Scheme Getting Started Quiz – 10 points (2%)

This quiz assesses knowledge of the syllabus, course requirements, etc.

Discussions - 290 points (54%)

15 Discussion forums:

Getting Started: Students introduce themselves (10 pts).

Modules 1 and 2: Students respond to two discussion questions related to the module's reading and videos (20 pts).

Modules 3-14: Students write two discussion questions based on the module's reading and videos, then respond to one discussion question posted by another student. Questions are 5 pts each, response is 10 pts, for a total of 20 pts.

6 Portfolio Assignments – 180 points (33%) These are targeted writing assignments designed to allow students to apply and think critically about some of the concepts in the course. They are worth 20 points each.

Final portfolio assignment – 60 points (11%)

Pulls together what students have learned in the previous portfolio assignments and helps them think about the big picture of the course topics.

Grading Scale

A	94% – 100%
A-	90% – 93.9%
B+	87% – 89.9%
B	83% – 86.9%
B-	80% – 82.9%
C+	77% – 79.9%
C	73% – 76.9%
C-	70% – 72.9%
D+	67% – 69.9%
D	63% – 66.9%
D-	60% – 62.9%
E (Fail)	< 59.9%

Instructor(s) Christina Alligood

Attendance & Make-up Yes

Accommodations Yes

UF Grading Policies for assigning Grade Points Yes

Course Evaluation Policy Yes