



AYDIN ADNAN MENDERES UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES
VETERINARY PHYSIOLOGY
PHYSIOLOGY (VETERINARY)
PHYSIOLOGY (VETERINARY) MASTER
COURSE INFORMATION FORM

Course Title	Physiology of Behavior								
Course Code	VFZ536		Course Level		Second Cycle (Master's Degree)				
ECTS Credit	4	Workload	100 (Hours)	Theory	1	Practice	0	Laboratory	0
Objectives of the Course	To transfer theoretical knowledge about behavior and of domestic animals and mechanisms that comprised these behavioral mechanisms								
Course Content	Sensory physiology in domestic animals and the importance of in animal behaviour, social organization and hierarchy, sexual behavior, mother and neonatal behavior, abnormal behavior								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	38
Final Examination	1	60
Quiz	3	1
Term Assignment	1	1

Recommended or Required Reading

1	Barrows E.M. (2001). Animal behavior desk reference ; a dictionary of animal behavior, ecology, and evolution. 2nd Ed. CRC Press LLC
2	Kappeler P. (2010). Animal Behaviour: Evolution and Mechanisms. Springer Heidelberg Dordrecht London New York
3	Phillips C. (2002). Cattle Behaviour and Welfare Blackwell Science Ltd
4	George H. Waring G.H. (2001). Horse Behavior 2nd Ed. Southern Illinois University Norwich, New York

Week	Weekly Detailed Course Contents	
1	Theoretical	Nervous control of behavior
2	Theoretical	Hormonal control of behavior
3	Theoretical	Sense organs and locomotor activity
4	Theoretical	Eating and drinking behavior in animals
5	Theoretical	Sexual behavior in animals
6	Theoretical	Communication in animals
7	Theoretical	Aggression
8	Theoretical	Midterm
9	Theoretical	Learning in animals
10	Theoretical	Resting and sleeping in animals
11	Theoretical	Maternal behavior
12	Theoretical	Behavior of avian species
13	Theoretical	Abnormal behaviours
15	Theoretical	Presentations

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	1	28
Assignment	2	4	1	10
Term Project	1	20	1	21
Quiz	3	2	1	9
Midterm Examination	1	12	1	13



Final Examination	1	18	1	19
			Total Workload (Hours)	100
			[Total Workload (Hours) / 25*] = ECTS	4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To inform about evolution and adaptation in behavior and domestication and scientific view of animal behaviour
2	Knowledge about environmental factors that affect animal behavior
3	Knowledge about feeding, sexual, maternal, social behaviors
4	To give knowledge about subjects such as learning and intelligence in mammals
5	Learn the abnormal behaviour

Programme Outcomes (Physiology (Veterinary) Master)

1	Understands and defines the interdisciplinary interaction with the associated fields
2	Uses theoretical and practical information learned in the education
3	Creates solution proposals by using background education
4	Combines and interprets the information from different disciplines, and creates solution proposals and scientific information to contribute the solution process, when needed
5	Involves in professional organizations and institutions related with the educational background
6	Takes responsibility for individual and group work, and do the assignments in line with the skills
7	Communicates with the professionals out of the field when it is necessary, and contributes to the solution as a team member
8	Understands the production and publishing methods of scientific information
9	Determines the source and the type of information that is needed related with the field and chooses the activities that s/he wants to participate, by using his/her critical thinking abilities that is developed in the education
10	Excels technological devices both for professional and social purposes
11	Compiles any kind of data related with the field (field observations, produced scientific information etc.) and analyzes and interprets the results according to the aims of the research
12	Determines the environmental health rules and applies them for prevention
13	Applies the knowledge gained in professional level with the awareness of the needs of the region and the country, and develops a defense capability
14	Conceptualizes the phenomena and the events related with the field, studies scientific methods and techniques, interprets results; analyzes and hypothesizes methods in accordance with the results and designs solution or treatment alternatives addressing the problems
15	Follows up the updates of information in the field by using all kinds of sources (scientific information, legislations etc.), and uses when needed

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	2	2	2	2	2
P2	4	4	4	4	4
P3	4	4	4	4	4
P4	2	2	2	2	2
P5	3	3	3	3	3
P6	1	1	1	1	1
P7	1	1	1	1	1
P8	3	3	3	3	3
P9	2	2	2	2	2
P10	1	1	1	1	1
P11	4	4	4	4	4
P12	1	1	1	1	1
P13	4	4	4	4	4
P14	3	3	3	3	3
P15	3	3	3	3	3

