

AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Nutritional Bel	naviors in Anir	nals						
Course Code		VHB633		Couse Level		Third Cycle (Doctorate Degree)				
ECTS Credit	6	Workload	147 (Hours)	Theory	/	2	Practice	0	Laboratory	0
Objectives of the Course		Teaching feeding behaviours of animals. Determination methods of feeding behaviours and parameters that involved in this subject.								
Course Conter	nt	Description of related to feed	feeding behav ling behaviour	viours. ˈs.	Dete	rmination n	nethods of fee	ding behavio	urs. Production pa	arameters
Work Placement		N/A								
Planned Learning Activities		and Teaching	Methods	Explan	ation	(Presentat	tion), Discussion	on, Individua	Study	
Name of Lectu	ırer(s)	Assoc. Prof. B	ülent ÖZSOY							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	60
Assignment	4	10

Recommended or Required Reading

1	Dado, R. G., Allen, M. S. (1994) Variation in and relationships among feeding, chewing and drinking variables for lactating dairy cows. J. Dairy Sci. 77:132–144.
2	Forbes, J.M., Jackson, D.A., Johnson, J.L., Stockill, P., Hoyle, B.S. (1986) A method for the automatic monitoring of food intake and feeding behaviour of individual cows kept in group. Research and Development in Agriculture 3: 175–180.
3	Forbes, J.M. (1999) Natural feeding behaviour and feed selection. Ed. van der Heide, D., Huisman, E.A., Kanis, E., Osse, J.W.M. Regulation of Feed Intake, CABI, Publishing, MWA Verstegen, s. 3-11.

Week	Weekly Detailed Cour	ourse Contents				
1	Theoretical	Feeding behaviours, definition and evalution criterias.				
2	Theoretical	Presenting data about the feeding or drinking behaviours of animals.				
3	Theoretical	Methods used in determination of feeding behaviours: eye scanning method.				
4	Theoretical	Methods used in determination of feeding behaviours: video records.				
5	Theoretical	Methods used in determination of feeding behaviours: video records.				
6	Theoretical	Methods used in determination of feeding behaviours: frequency of feeding time in computerized feeders. Considerations of decrease in amount of feed.				
7	Theoretical	Investigation on feeding behaviour parameters: determination of feed consumption.				
8	Intermediate Exam	Midterm exam				
9	Theoretical	Investigation on feeding behaviour parameters: grazing frequency				
10	Theoretical	Investigation on feeding behaviour parameters: selecting plant or plant parts.				
11	Theoretical	Investigation on feeding behaviour parameters: level of water intake.				
12	Theoretical	Investigation on feeding behaviour parameters: rumination.				
13	Theoretical	Investigation on feeding behaviour parameters: time period of feeding.				
15	Theoretical	General repetition. Homework presentation.				
16	Final Exam	Final exam				

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	5	0	5	25
Reading	14	0	5	70
Midterm Examination	1	8	2	10



				Course mormation rom
Final Examination	1	12	2	14
		Тс	otal Workload (Hours)	147
		[Total Workload (Hours) / 25*] = ECTS	6
*25 hour workload is accepted as 1 ECTS				

Learn	ing Outcomes		
1	Knows what feeding behaviours are.		
2	Knows methods used in determination of feeding behaviour	S.	
3	Could comment on relationship between feedin behaviour a	nd production parameters.	
4	Investigation on feeding behaviour parameters: determinat	on of feed consumption.	
5	Investigation on feeding behaviour parameters: grazing fre	quency	

Programme Outcomes (Animal Nutrition and Nutritional Diseases (Veterinary Medicine) Doctorate)

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1	Knows information about importance of forage and concentrates in basic animal nutrition for protecting animal health in scientific and technological animal production.
2	Have ability to formulate economical and full-satisfactory rations with considering product quality and health. May inform animal producers about practical/appropriate feeding methods.
3	Can adapt to recent scientific and technological developments in animal nutrition easier and produce proper strategies against to problems on this field.
4	Knows the properties of feeds used in proper and economical rations formulated due to needs of animal species.
5	Can give information to animal producers about properties of common feedstuffs used in Turkey
6	Knows organoleptic, physical diagnostic and chemical analysis methods used in determining feed quality.
7	Have information about processing and the effects of processing on animal yield.
8	Can identify the term "feed hygiene" and have information about the usage availability of contaminated feedstuffs.
9	Can apply the informations related to feed additives in a proper way.
10	Understands the results and factors decreasing production.
11	Knows the nutrition related diseases and their solution recommendations which may be applied in feeding or formulating feeds for preventing nutritional diseases.
12	Knows about the availability level of feedstuffs after consumed and can perform digestibility trials.
13	Knows the definition of stress, stress sources and effects on health and production level of animals.
14	Have sufficient information on classification, activation and fermentation of rumen microorganisms plus carbohydrate, lipid and protein digestibility.
15	Knows the factors effecting feed intake and negative factors in feedstuffs and preventation of them.
16	Comments on feeding behaviours and related yield parameters.
17	Have information on basic terms related to feed legislation, feeds used in animal nutrition and their legal regulations.
18	Have information about biotechnological research conducted on feeds and animal nutrition.
19	Knows the effects of nutrition on food quality, fertility, immunity and parasite enfestations.

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

	L1	L2	L3
P16	5	5	5

