



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Sheep and Goat Nutrition							
Course Code		VHB528		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	5	Workload	125 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Educate of masters who have sufficient knowledge about the purpose of sheep and goat nutrition. Educate of candidates who can contact with farmers and inform them with correct information about the sheep and goat nutrition and management. Upgrade of self confidence of the candidates so that they have success to have positive dialogs with farmers.							
Course Content		Mention about the basic principles of sheep and goat nutrition, summarize the studies about the issue to student, evaluate of the feedlot type for the livestock policy of the country, share of information about the most suitable feedlot type for the different regions and mention about the feeds and their quality, prepare of the some ration samples and share with student.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)		Prof. Ahmet Gökhan ÖNOL, Prof. Bülent ÖZSOY							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	70

Recommended or Required Reading

1	Akçapınar, H. (1994) Koyun Yetiştiriciliği, Medisan Yayınevi, Ankara.
2	Gatenby, R.M. (1986) Sheep Production in the Tropics and Sub-Tropics. Longman, London and New York.
3	Frer, M., Dove, H. (2002) Sheep Nutrition, CABI Publishing, Australia.
4	Cheeke, P.R. (1999). Applied Animal Nutrition: Feeds and Feeding. Prentice Hall International, USA.

Week	Weekly Detailed Course Contents	
1	Theoretical	Explanation of importance of sheep and goat nutrition for the livestock industry of country
2	Theoretical	Energy and nutrient requirements of sheep and goats
3	Theoretical	Mineral requirements and factors which affecting these requirements for sheep and goats
4	Theoretical	Vitamin requirements and factors which affecting these requirements for sheep and goats
5	Theoretical	Characteristics of feed stuffs for sheep and goat nutrition
6	Theoretical	Importance of nutritional characteristic of meadow and other feed stuffs
7	Theoretical	Lamb nutrition and importance of colostrum (Midterm exam)
8	Theoretical	Repating of the issues
9	Theoretical	Artificial nutrition of lambs
10	Theoretical	Nutrition of ewes, basic requirements of them and feed stuffs most commonly use
11	Theoretical	Type of feedlot for the sheep nutrition and nutrition of sheep on meadow
12	Theoretical	Nutrition of goats, basic requirements of them and feed stuffs most commonly use
13	Theoretical	Nutrition of goats in dry period
14	Theoretical	Nutrition of goats in gestation and lactation periods
15	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	5	2	1	15
Reading	14	0	4	56
Midterm Examination	1	8	2	10



Final Examination	1	14	2	16
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Teaching of nutrition and nutrient requirements of sheep and goats.
2	To give information about the feed stuffs for sheep and goat nutrition.
3	Nutrition of ewe and goats, lamb and goat nutrition and management.
4	Teaching of information about the nutritional disease of sheep and goats.
5	Breeding rams and goats feeding.

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

1	to be able to comprehend information about basic animal nutrition and feeds for protecting animal health, scientific and technological animal production.
2	to be able to formulate economical and full-satisfactory rations with considering product quality and health and inform animal producers about practical/appropriate feeding methods.
3	to be able to apply recent scientific and technological developments in animal nutrition easier and produce proper strategies against to problems on this field.
4	to be able to analyse the properties of feeds used in proper and economical rations formulated due to needs of animal species.
5	to be able to inform animal producers about the common feedstuffs used in animal nutrition
6	to be able to interpret physical, diagnostic and chemical analysis methods used in determinin feed quality.
7	to be able to comprehend processing and the effects of processing on animal yield.
8	to be able to identify the term "feed hygiene" and have information about the usage availability of contaminated feedstuffs.
9	to be able to apply the informations related to feed additives in a proper way.
10	to be able to formulate the results and factors decreasing production.
11	to be able to apprehend the nutrition related diseases and their solution recommendations which may be applied in feeding or formulating feeds for preventing nutritonal diseases.

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

	L1	L2	L3	L4
P1	5	5	5	
P2	5		5	
P3	5			
P4		5	5	
P5		5	5	
P10				5
P11				5

