



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Principles of Poultry Nutrition							
Course Code		VHB503		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	5	Workload	127 (<i>Hours</i>)	Theory	1	Practice	2	Laboratory	0
Objectives of the Course		Teaching of principles about poultry nutrition. Adopting of basic issues about poultry nutrition with theoretic and practice sessions. Teaching of basic information about poultry diseases. Teaching of basic nutrition principles and feeding techniques about broiler and laying hens. Adopting of importance of proper nutrition for production, health and quality of product for economic livestock farming. Teaching of relation between nutrition and quality of animal products.							
Course Content		Nutrient requirements of chickens. Nutrition of chicks, chicken, conventional laying hens, broiler and brood. Feeding practice. Diseases of chickens, immunisations, egg quality, hatchery yield, relation of environmental factors and nutrition. Most common feeds for poultry nutrition and practical ration samples.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	28
Final Examination	1	60
Assignment	5	12

Recommended or Required Reading

1	Şenköylü N. (2001) Modern Tavuk Üretimi, Anadolu Matbaası, Tekirdağ.
2	Heuser, G.F. (2003) Feeding Poultry, Norton Creek Press, Oregon, ABD.
3	Colo, D.J.A., Haresign, W. (1989) Recent Development in Poultry Nutrition, Anchor Press, İngiltere.
4	North, M.O. (1984) Commercial Chickhen Production Manual, The Avi Publishing, ABD.
5	Daghir, N.J. (1995) Poultry Production in Hot Climates, CAB International Press, İngiltere.

Week	Weekly Detailed Course Contents	
1	Theoretical	Poultry industry in Turkey and World
2	Theoretical	Features of chickens in nutrition, differences of digestive system of chickens
3	Theoretical	Nutrient requirements of laying hens, feeds and feeding techniques of chicken nutrition
4	Theoretical	Nutritional phases for laying hens, chicks and pullet nutrition
5	Theoretical	Nutrition of laying hens in production stage
6	Theoretical	Forced feather loose and post nutrition
7	Theoretical	Effects of nutrition on egg production and quality
8	Intermediate Exam	Midterm exam
9	Theoretical	Nutrition of breeders of layers and roosters
10	Theoretical	Nutrient requirements of broilers, feeds and feeding techniques of broiler chicken
11	Theoretical	Nutritional phases for broilers (starter, grower and finisher)
12	Theoretical	Effects of nutrition on meet production and quality
13	Theoretical	Nutrition of breeders of broilers
14	Theoretical	Relation of rational nutrition and economy in chickens
15	Theoretical	The nutritional diseases of chickens

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	15	0	2	30



Assignment	5	0	2	10
Reading	14	0	4	56
Midterm Examination	1	6	1	7
Final Examination	1	9	1	10
Total Workload (Hours)				127
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Had sufficient basic nutritional issues for both scientific and economical poultry nutrition.
2	Knows that basic principles for laying hen and broiler nutrition and advising to farmers.
3	Prepare economical rations with consideration of basic nutrients requirements for production level, health and quality of product.
4	Knows that nutritional diseases of poultry and how to prepare proper ration for protection from these diseases.
5	Follows new developments in poultry sector.

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		
P2		5	5	
P3	5	5	5	
P4		5	5	5
P5		5	5	5
P10				5
P11			5	5

