AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Nutrition of Cats and Dogs								
Course Code	VHB641		Couse Level		Third Cycle (Doctorate Degree)				
ECTS Credit	7	Workload	173 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Raising candidates knowing basic nutritional requirements of cats and dogs. Diets and nutritional diseases in cats and dogs nutrition. Providing confident to candidates for better communication with cat and dog owners.								
Course Content	Learning basic principles about cat and dog nutrition. Proper nutrition. Practical feeding of cats and dogs.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	1
Final Examination	1	60
Assignment	4	10

Recommended or Required Reading	
1	Ergün, A., Muğlalı, H. (1998) Köpek ve Kedi Besleme, Beslenme Hastalıkları ve Klinik Besleme. Genç Büro, Ankara.
2	Burger, I. (1993) The Waltham Book of Companion Animal Nutrition. Pergamon Press Oxford, England.
3	Cheeke, P.R. (1999) Applied Animal Nutrition: Feeds and Feeding. Prentice Hall International, USA.

Week	Weekly Detailed Course Contents	
1	Theoretical	Principles of cats and dogs feeding. Anatomy and physiology of digestive system in cats and dogs. Similar and different characteristics of in nutrition of cats and dogs.
2	Theoretical	Nutritional requirement of cats and dogs (energy and carbohydrates)
3	Theoretical	Nutritional requirement of cats and dogs (protein and fats)
4	Theoretical	Nutritional requirement of cats and dogs (vitamins and minerals)
5	Theoretical	Feeding of dogs. Feeding senior and junior dogs.
6	Theoretical	Feeding of gestating and lactating dogs.
7	Theoretical	Principles of cat nutrition. Nutrition of young and mature cats.
8	Intermediate Exam	Midterm exam
9	Theoretical	Feeding of gestating and lactating cats.
10	Theoretical	Feeding of puppies.
11	Theoretical	Feeding of parentless cats and dogs.
12	Theoretical	Feeding of senior cats and dogs.
13	Theoretical	Mistakes done in cats and dogs nutrition.
14	Theoretical	Diets and their brands used in cat and dog nutrition.
15	Theoretical	Nutritional diseases of cats and dogs.
16	Final Exam	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	7	0	7	49
Reading	14	0	5	70
Midterm Examination	1	10	2	12

Final Examination	1	12	2	14
			Total Workload (Hours)	173
			[Total Workload (Hours) / 25*] = **ECTS**	7
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Digestive system of cats and dogs. Feedstuffs used in cats and dogs diets. Their feeding behaviours and nutritional diseases.
2	Feeding of cats and dogs according to their breed.
3	Feeding of gestating and lactating dogs.
4	Principles of cat nutrition. Nutrition of young and mature cats.
5	Feeding of senior cats and dogs.

Programme Outcomes *(Animal Nutrition and Nutritional Diseases (Veterinary Medicine) Doctorate)*	
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 nutiritonal 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
P10	5