AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Protozootic Diseases in Cats and Dogs								
Course Code	ViH654		Couse Level	Third Cycle (Doctorate Degree)					
ECTS Credit	3	Workload	81 *(Hours)*	Theory	1	Practice	0	Laboratory	0
Objectives of the Course	To provide information abaut clinical and laboratory findings, diagnosis, treatment, and control issues of arising from blood / blood vessel protozoal infections (Babesia canis, B. gibsoni, Cytauxzoon felis, Hepatozoon canis, H. americanum) and gastrointestinal protozoal (Cystoisospora sp., Cryptosporidium spp., Giardia spp., Neospora caninum, Sarcocystis spp., Toxoplasma gondii, Tritrichomonas foetus) infections.								
Course Content	See weekly course topics								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study, Problem Solving								
Name of Lecturer(s)	Assoc. Prof. Songül ERDOĞAN								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	25
Final Examination	1	60
Assignment	3	15

Recommended or Required Reading	
1	Larry P. Tilley, Francis W. K. Smith; Blackwell's Five-Minute Veterinary Consult: Canine and Feline, 5th Edition. Wiley-Blackwell, 2011
2	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010
3	J. D. Bonagura, D. C. Twedt; Kirk's Current Veterinary Therapy XIV: Small Animal Practice. WB Saunders, 2009
4	Nelson, Richard W., C. C.Guillermo. Small Animal Internal Medicine, 4th Edition, Elsevier Health Sciences, 2008
5	S. J. Ettinger, E. C. Feldman; Textbook Of Veterinary Internal Medicine: Diseases Of The Dog And Cat. WB Saunders, 2003
6	Lappin MR. Enteric protozoal diseases. Vet Clin North Am Small Anim Pract. 2005 Jan;35(1):81-8
7	P.A. Payne, G.R. Carter. Diseases Caused by Protozoa in Dogs and Cats. In: A Concise Guide to Infectious and Parasitic Diseases of Dogs and Cats , Carter G.R. and Payne P.A. (Eds.). International Veterinary Information Service, Ithaca NY (www.ivis.org), Last updated: 23-Sep-2005

Week	**Weekly Detailed Course Contents**	
1	Theoretical	Laboratory Diagnosis of protozoal infections
2	Theoretical	Antiprotozoal chemotherapy
3	Theoretical	Leishmaniasis
4	Theoretical	Hepatozoonosis
5	Theoretical	Cytauxzoonosis
6	Theoretical	Babesiosis
7	Theoretical	Toxoplasmosis
8	Intermediate Exam	Midterm
9	Theoretical	Neosporosis
10	Theoretical	Coccidiosis
11	Theoretical	Cryptosporidiosis
12	Theoretical	Trichomoniasis, Balantidiasis
13	Theoretical	Pneumocystosis
14	Theoretical	Protection from the Zoonotic protozoal infection
15	Theoretical	Discussion
16	Final Exam	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Assignment	3	0	15	45
Reading	14	0	1	14
Midterm Examination	1	2	1	3
Final Examination	1	4	1	5
			Total Workload (Hours)	81
			[Total Workload (Hours) / 25*] = **ECTS**	3
25 hour workload is accepted as 1 ECTS				

Learning Outcomes	
1	Has detailed information on the etiology epidemiology and pathogenesis of important protozoan infections in dog and cats.
2	To diagnosis with clinical and laboratory findings
3	Performs the treatment and prophylaxis.
4	Makes differential diagnosis in the light of clinical and laboratory findings.
5	Knows possible complications of identified diseases.

Programme Outcomes *(Internal Diseases (Veterinary Medicine) Doctorate)*	
1	Based on acquirements relevant to undergraduate and/or graduate levels, usage of associated information deeply, development of knowledge by several methods along with reaching peculior results.
2	Detecting relevant problems, establishing hypothesis against solution, acquirement of solving hypothesis within computational and experimental methods.
3	A systematic approach of evaluating and using new knowledge on related field.
4	Usage of previously known scientific methods related to field for advanced/newly known/occuring problems.
5	For Large and Small Animal Internal Medicine, taking into account the systemic clinical examination, realizing the true diagnosis for interpreting the clinical and laboratory findings, and the need to implement effective and rational treatment for taking prophylactic measures.
6	Detecting the problems related to Turkish animal husbandry related to herd health and prophylactic veterinary surgeon.
7	Reviewing and usage of all related data (field observations, scientific knowledge) for requirements.
8	Innovation in the field of science, the scientific method for a new area of development and application of a method known to have one of a new plan that for.
9	Following, evaluating, presenting and discussing the international literature in the field of Veterinary Internal Medicine.
10	Offering all kinds of development and innovation in the field of appropriate methods, the economic and social advancement of the society for contribution.

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

	L1	L2	L3
P1	5	4	4
P2	5	5	4
P3	4	4	4
P4	3	4	4
P5	4	5	5
P6	1	1	1
P7	3	3	3
P8	3	4	4
P9	3	4	4
P10	4	4	3