AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Tick-Borne Diseases in Dogs								
Course Code	ViH537		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	3	Workload	79 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To explain that transmitted by ticks in certain seasons due to the geographical characteristics of our region, etiology, pathogenesis, clinical and laboratory findings, diagnosis, treatment of protozoal (babesiosis, hepatozoonosis), bacterial (ehrlichiosis, boreliosis) and rickettsial (heamobartonellosis) diseases.								
Course Content	See weekly course topics								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study								
Name of Lecturer(s)	Lec. Gülten Emek TUNA, Prof. Mehmet GÜLTEKİN								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	60
Assignment	2	10

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	J. D. Bonagura, D. C. Twedt; Kirk's Current Veterinary Therapy XIV: Small Animal Practice. WB Saunders, 2009
3	Nelson, Richard W., C. C.Guillermo. Small Animal Internal Medicine, 4th Edition, Elsevier Health Sciences, 2008
4	S. J. Ettinger, E. C. Feldman; Textbook Of Veterinary Internal Medicine: Diseases Of The Dog And Cat. WB Saunders, 2003
5	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010
6	S. Varela. Tick-borne Ehrlichiae and Rickettsiae of Dogs. In: Companion and Exotic Animal Parasitology, Bowman D.D. (Ed.) International Veterinary Information Service, Ithaca NY (www.ivis.org), 2003
7	R. D. Pinckney. Canine Filaroides Infections. In: Companion and Exotic Animal Parasitology, Bowman D.D. (Ed.) International Veterinary Information Service, Ithaca NY (www.ivis.org), 2000; A0312.0600

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction is transmitted by ticks protozoal diseases
2	Theoretical	Infection of Babesia canis
3	Theoretical	Infection of Babesia gibsoni
4	Theoretical	Hepatozoon canis and Infection
5	Theoretical	Infection of Hepatozoon americanum
6	Theoretical	Introduction is transmitted by ticks Bacterial Diseases
7	Theoretical	Infection of Ehrlichia canis
8	Intermediate Exam	midterm exam
9	Theoretical	Infection of Ehrlichia phagocytophila
10	Theoretical	Infection of Borellia burgdorferi sensu lato
11	Theoretical	Rickettsial Disease
12	Theoretical	Infection of Hemobartonella canditatus mycoplasma haemominutum
13	Theoretical	Coinfections transmitted by tick
14	Theoretical	Case Reviews
15	Theoretical	Discussion
16	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28

Assignment	2	0	10	20
Reading	14	0	1	14
Midterm Examination	1	5	1	6
Final Examination	1	10	1	11
			Total Workload (Hours)	79
			[Total Workload (Hours) / 25*] = **ECTS**	3
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	The diagnosis of diseases transmitted by ticks in dogs with clinical and laboratory findings
2	makes of Etiology and / or symptomatic treatment
3	Take the necessary measures within the scope of prophylaxis.
4	Have information about tick types.
5	Knows the complications of infections transmitted by ticks in dogs.

Programme Outcomes *(Internal Diseases (Veterinary Medicine) Master)*	
1	Among veterinary medicine master of science sufficiency, increasing and deepening relevant knowledge
2	Developing and deepening theoretical and practical knowledge in the field of use, integrating knowledge from different disciplines for interpretation.
3	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.
4	Learning how to access and evaluate relevant information.
5	Quoting updated novelty relevant to Veterinary Internal Medicine by incrisptive, oral and visually.
6	Planning a relevant research study by use of quantative and qualitative data collection, continiuing by taking care of scientific ethics, and by evaluation of appropriate statistical methods chosen, converting the investigational and project results into report/thesis.
7	Information obtained in accordance with the requirements of the country and the level of expertise of the region for usage of research public and animal health.

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

	L1	L2	L3
P1	4	5	4
P2	4	4	4
P3	5	4	4
P4	3	3	3
P5	3	4	4
P6	3	4	3
P7	3	5	4