



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Nervous System Diseases in Cats and Dogs							
Course Code		VİH531		Coure Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	105 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Viral, bacterial and protozoa diseases of brain and lining of brain and disorders of the circulation of blood to the brain, the brain influences the mechanical and traumatic diseases, poisoning and brain damage due to metabolic disorders, diseases of the spinal cord and spinal cord membranes and synaptic transmission and neuro-muscular disorder's theoretical and practical knowledge in dogs and cats will be given.							
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)		Assoc. Prof. Songül ERDOĞAN, 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	Gunn-Moore D. Infectious diseases of the central nervous system. Vet Clin North Am Small Anim Pract. 2005 Jan;35(1):103-28

Week	Weekly Detailed Course Contents	
1	Theoretical	inspection methods in Nervous system
2	Theoretical	Clinical management of nervous system diseases
3	Theoretical	Diseases of the brain and brain membrane
4	Theoretical	viral diseases
5	Theoretical	bacterial diseases
6	Theoretical	parasitic diseases
7	Theoretical	pathological cases due to low oxygen and blood in brain
8	Intermediate Exam	midterm
9	Theoretical	analysis of BOS
10	Theoretical	diseases of the central nervous system due to toxications and metabolic disorders
11	Theoretical	the spinal cord and the spinal cord membrane diseases
12	Theoretical	The disturbance of neuromuscular and neuronal transmission of stimuli
13	Theoretical	Peripheral nervous system diseases
14	Theoretical	Vegetative nervous system disorders
15	Theoretical	discussion
16	Final Exam	final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Assignment	2	0	10	20
Reading	14	0	2	28



Midterm Examination	1	5	1	6
Final Examination	1	8	1	9
Total Workload (Hours)				105
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Has theoretical knowledge about Infectious and non-infectious diseases of the nervous system in ruminants
2	Put the diagnosis of diseases
3	Diseases and methods by choosing the right medication to treat patients, and learn prophylactic approaches
4	Gains knowledge of nervous system related diseases.
5	Knows differential diagnosis of nervous system diseases.

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, contiuiuing 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	4	4
P2	3	5	4
P3	4	5	5
P4	3	3	3
P5	3	3	3
P6	3	3	3
P7	4	4	5

