



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Immun System Diseases in Cats and Dogs							
Course Code		VİH622		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	128 (<i>Hours</i>)	Theory	1	Practice	0	Laboratory	0
Objectives of the Course		To evaluate immune diseases of different systems in dogs and cats with immunotherapy and vaccination.							
Course Content		See weekly course topics.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)		Prof. Serdar PAŞA							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	60
Assignment	4	20

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

Week	Weekly Detailed Course Contents	
1	Theoretical	Basis of Autoimmune Diseases
2	Theoretical	Immunopathological mechanisms
3	Theoretical	Autoimmune Hematologic Diseases
4	Theoretical	Autoimmune Skin Diseases
5	Theoretical	Autoimmune Musculoskeletal and Neurological Diseases
6	Theoretical	Autoimmune Alimentary Diseases
7	Theoretical	Autoimmune Respiratory and Cardiac Diseases
8	Intermediate Exam	Midterm
9	Theoretical	Autoimmune Endocrin Diseases
10	Theoretical	Autoimmune Renal Diseases
11	Theoretical	Immune Deficiency Diseases
12	Theoretical	Immune System Neoplasia
13	Theoretical	Autoimmune Multisystem Diseases
14	Theoretical	Lymphoid Tissue Diseases, Immunotherapy, Vaccinations
15	Theoretical	Discussion
16	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Assignment	4	0	15	60
Reading	14	0	2	28
Midterm Examination	1	10	1	11



Final Examination	1	0	15	15
Total Workload (Hours)				128
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	He/She knows etiology and pathogenesis of diseases of the immune system
2	He/she chooses diagnostic methods.
3	He/she checks the effectiveness of .treatment
4	Knows differential diagnosis of diseases.
5	Evaluates the prognosis of patients.

Programme Outcomes (Internal Diseases (Veterinary Medicine) Doctorate)

1	Based on acquirments relevant to undergraduate and/or graduate levels, usage of associated information deeply, development of knowledge by several methods along with reaching peculiar 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/occurring 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	4	4	4
P2	3	3	3
P3	3	3	3
P4	3	3	3
P5	4	4	4
P6	1	1	1
P7	3	3	3
P8	4	4	4
P9	4	4	4
P10	2	2	2

