AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Immune-Mediated Disorders in Cats and Dogs								
Course Code	ViH545		Couse Level		Second Cycle (Master's Degree)				
ECTS Credit	2	Workload	50 *(Hours)*	Theory	1	Practice	0	Laboratory	0
Objectives of the Course	Allergic egzema, hives, pemphigus, lupus erythematosis, rheumatoid arthritis, and etiopathogenesis of autoimmune hemolytic anemia, clinical and laboratory findings, diagnosis and differential diagnosis, treatment in dogs and cats will be informed.								
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. Ceren DİNLER AY, Assoc. Prof. Gülten Emek TUNA								

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Assignment	2	10
Midterm Examination	1	30
Final Examination	1	60

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 & Teaching Methods	
1	Theoretical	Genetic Basis of autoimmunity
2	Theoretical	immunodiagnostic tests
3	Theoretical	Use of immunosuppressive
4	Theoretical	allergic Eczema
5	Theoretical	urticaria
6	Theoretical	Pemphigus
7	Theoretical	Lupus Erythematosis in dogs, (Midterm exam)
8	Theoretical	Lupus Erythematosis in dogs
9	Theoretical	Lupus Erythematosis in cats
10	Theoretical	Romatoid Arthritis
11	Theoretical	Autoimmune Hemolytic Anemia
12	Theoretical	Acquired Immune Thrombocytopenia
13	Theoretical	Autoimmune Tireoiditis in dogs
14	Theoretical	Case Evaluation

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Assignment	2	0	5	10
Reading	14	0	1	14
Midterm Examination	1	4	1	5

Final Examination	1	6	1	7
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = **ECTS**	2
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Knows etiopathogenesis of autoimmune diseases in dogs and cats.
2	Makes diagnosis by interpreting findings.
3	Performs treatment by suitable method.
4	Knows the differential diagnosis of autoimmune diseases.
5	Evaluates the prognosis of patients with autoimmune 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, 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	5
P2	4	5	5
P3	4	4	4
P4	4	3	3
P5	3	3	4
P6	3	3	3
P7	4	3	3