

IMMUNE MEDIATED DISEASES OF DOGS AND CATS

1	Course Title:	IMMUNE MEDIATED DISEASES OF DOGS AND CATS	
2	Course Code:	VIH 6025	
3	Type of Course:	Optional	
4	Level of Course:	Third Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	2.00	
8	Theoretical (hour/week):	1.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:		
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. EBRU YALÇIN	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	yalcine@uludag.edu.tr Uludağ Üniversitesi Veteriner Fakültesi İç Hastalıkları AD Hayvan Hastanesi 0 224 2940811	
17	Website:		
18	Objective of the Course:	To teach immune mediated diseases and hypersensitivity associated problems and approach cellular and humoral immunity in dogs and cats.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Cellular and humoral immunity
		2	Hypersensitivity reactions
		3	Pemphigus
		4	SLE
		5	Immun mediated dermatoses
		6	Immune mediated endocrinologic diseases
		7	Diagnosis of immun mediated diseases
		8	Treatment methods of immun mediated diseases
		9	Alternative treatments
		10	Prognostic and prophylactic methods
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	To approach humoral and cellular immunity in cats and dogs		
2	To determine immun system and hypersensitivity reactions in immune mediated diseases		
3	Type I and type IV hypersensitivity immune mediated diseases: atopic dermatitis, contact dermatitis, anaphylactic shock.		

4	Type I and type IV (delayed-type-hypersensitivity) hypersensitivity immune mediated diseases: determining the diagnosis and treatment.			
5	Type I and type IV (delayed-type-hypersensitivity) hypersensitivity immune mediated diseases: determining the diagnosis and treatment.			
6	Type II hypersensitivity immune mediated diseases: clinical findings of immune mediated haemolytic anemia and thrombocytopenia, determining the diagnosis and treatment.			
7	Type III hypersensitivity immune mediated diseases: determining the differential diagnosis of systemic lupus erythematosus (SLE) based on clinical findings			
8	Type III hypersensitivity immune mediated diseases: determining the differential diagnosis of systemic lupus erythematosus (SLE) based on clinical findings			
9	Type III hypersensitivity immune mediated diseases: determining the clinical findings, diagnosis and treatment of pemphigus foliaceus, pemphigus vulgaris, pemphigus erythematosus, pemphigus bullous.			
10	Approaching clinical diagnosis of immune mediated dermatoses.			
Activites		Number	Duration (hour)	Total Work Load (hour)
12	Theoretical Immunesuppressive treatment and side effects in immune mediated diseases.	14	1.00	14.00
Practicals/Labs		0	0.00	0.00
	Self study Immunesuppressive treatment in immune mediated diseases	3	12.00	36.00
Homeworks		0	0.00	0.00
	Projects diseases.	1	8.00	8.00
Field Studies		0	0.00	0.00
	Midterm Exams:	Small Animal Clinical Diagnosis by Laboratory Methods.	0.00	0.00
Others		0	0.00	0.00
	Final Exams	RC (eds.) Saunders Manual of Small Animal Practice.	2.00	2.00
Total Work Load				60.00
Total work load/ 30 hr		Textbook of Veterinary Internal Medicine. WB Saunders		2.00
ECTS Credit of the Course				2.00
23	Assesment			
TERM LEARNING ACTIVITIES		NUMBER	WEIGHT	
Midterm Exam		0	0.00	
Quiz		0	0.00	
Home work-project		1	10.00	
Final Exam		1	90.00	
Total		2	100.00	
Contribution of Term (Year) Learning Activities to Success Grade		10.00		
Contribution of Final Exam to Success Grade		90.00		
Total		100.00		

Measurement and Evaluation Techniques Used in the Course																
24	ECTS / WORK LOAD TABLE															
25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5
ÖK2	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5
ÖK3	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5
ÖK4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5
ÖK5	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5
ÖK6	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5
ÖK7	3	4	3	4	4	5	5	5	5	5	4	4	5	5	4	5
ÖK8	4	4	4	5	5	5	5	4	5	5	5	4	5	5	5	5
ÖK9	4	4	4	4	5	5	5	5	4	5	5	4	5	5	5	5
ÖK10	4	4	5	5	5	4	5	4	5	4	4	5	4	5	5	4
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			