

# IMMUNE MEDIATED DISEASES OF DOGS AND CATS

1	Course Title:	IMMUNE MEDIATED DISEASES OF DOGS AND CATS	
2	Course Code:	VİH 6023	
3	Type of Course:	Optional	
4	Level of Course:	Third Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	2.50	
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:	Doç.Dr. EBRU YALÇIN	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	Mail: yalcine@uludag.edu.tr Uludağ Üniv. Veteriner Fak. İç Hastalıkları Anabilim Dalı, 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	Immune mediated dermatoses
		6	Immune mediated endocrinologic diseases
		7	Diagnosis of immune mediated diseases
		8	Treatment methods of immune mediated diseases
		9	Alternative treatments
		10	Prognostic and prophylactic methods
21	Course Content:		
		<b>Course Content:</b>	
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 II hypersensitivity immune mediated diseases: myastenia gravis, clinical findings, determining the diagnosis and treatment.			
6	Type II hypersensitivity immune mediated diseases: clinical findings of immune mediated haemolytic anemia and thrompocytopenia, 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: approaching advance diagnostic technics and treatments of SLE			
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 dermatoloses.			
11	Approaching diagnosis and diferntial diagnosis of immune mediated endocrinal			
Activites		Number	Duration (hour)	Total Work Load (hour)
13	Determining alternative treatments to immunosuppressive treatment in immune mediated diseases	14	1.00	14.00
Practicals/Labs		0	0.00	0.00
14	Self study and preparation of each of the immune mediated diseases	1	5.00	5.00
Homeworks		4	4.00	16.00
22	Projects Textbooks, References and/or Other	1	5.00	5.00
Field Studies		6	3.00	18.00
Midterm exams		2	3.00	6.00
Others		0	0.00	0.00
Final Exams		3	2.00	6.00
Total Work Load				75.00
Total work load/ 30 hr				2.50
ECTS Credit of the Course				2.50
TERM LEARNING ACTIVITIES		NUMBER	WEIGHT	
Midterm Exam		0	0.00	
Quiz		0	0.00	
Home work-project		4	0.00	
Final Exam		1	100.00	
Total		5	100.00	
Contribution of Term (Year) Learning Activities to Success Grade		0.00		
Contribution of Final Exam to Success Grade		100.00		
Total		100.00		

<b>24</b>	<b>ECTS / WORK LOAD TABLE</b>
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<b>25</b>	<b>CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS</b>															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
<b>ÖK1</b>	2	2	2	2	2	2	2	2	2	1	1	1	0	0	0	0
<b>ÖK2</b>	2	2	2	2	2	2	2	2	2	1	1	1	0	0	0	0
<b>ÖK3</b>	3	3	3	3	3	3	3	4	4	3	3	3	0	0	0	0
<b>ÖK4</b>	3	3	3	3	3	3	3	4	4	3	3	3	0	0	0	0
<b>ÖK5</b>	3	3	3	3	3	3	3	4	4	3	3	3	0	0	0	0
<b>ÖK6</b>	3	3	3	3	3	3	3	4	4	3	3	3	0	0	0	0
<b>ÖK7</b>	4	4	4	4	4	4	3	3	3	3	3	3	0	0	0	0
<b>ÖK8</b>	4	4	4	4	4	4	3	3	4	3	4	4	0	0	0	0
<b>ÖK9</b>	4	4	4	4	4	4	3	3	4	3	4	4	0	0	0	0
<b>ÖK10</b>	5	5	5	5	5	5	5	5	4	4	4	4	0	0	0	0
<b>LO: Learning Objectives    PQ: Program Qualifications</b>																
<b>Contribution Level:</b>	<b>1 very low</b>			<b>2 low</b>			<b>3 Medium</b>			<b>4 High</b>			<b>5 Very High</b>			