AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Mite Infestations Of Domestic Animals								
Course Code	VPR609		Couse Level	Third Cycle (Doctorate Degree)					
ECTS Credit	5	Workload	120 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To know systematics, morphology and biology of important acari of domestic animals, diagnostic criteria,treatment and control measures.								
Course Content	Known species of ticks of domestic animals, their biology and medical importance, their distribution, disease agents they carry, diagnosis of tick species, control measures taken against ticks, morphology, biology and infection routes of dermanysus, varroa and various mite species, clinical symptoms they cause in their hosts, differential diagnosis, treatment and prevention in infestations caused by acari, endoparasitic acari of animals.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	15
Final Examination	1	60
Quiz	2	10
Assignment	6	15

Recommended or Required Reading	
1	Tüzer, E., Toparlak, M., Göksu, K. (1997) Veteriner Entomoloji, İstanbul Üniversitesi Veteriner Fakültesi Parazitoloji ABD, İstanbul.
2	Wall, R., D. Shearer, (1997) Veterinary Entomology, Chapman and Hall, Great Britain.
3	Kaufmann, J., (1996) Parasitic Infections of Domestic Animals, Birkhäuser, Switzerland.
4	Peters, W., G. Pasvol, (2002) Tropikal Medicine and Parasitology, Mosby International Limited, China.
5	Burgu, A., Karaer, Z. (2005) Parazit Hastalıklarında Tedavi, Türkiye Parazitoloji Derneği, İzmir.
6	Schmidt, G.D., Roberts, L.S. (1985) Foundations of Parasitology, Times Mirror/Mosby, Missiuri.

Week	Weekly Detailed Course Contents	
1	Theoretical	Ticks, taxonomi and their biology
2	Theoretical	Ticks; Family of Ixodidae –I
3	Theoretical	Ticks; Family Ixodidae – II
4	Theoretical	Ticks, Family of Argasidae
5	Theoretical	Immunity against ticks
6	Theoretical	Preventive and control strategies
7	Theoretical	Tick vaccines
8	Intermediate Exam	Midterm exam
9	Theoretical	Mites; taxonomi and their biology
10	Theoretical	Mites, family of Sarcoptidae
11	Theoretical	Mites, family of Psoroptidae
12	Theoretical	Mites; family of Demodicidae
13	Theoretical	Other acari important for veterinary medicine
14	Theoretical	Preventive and control strategies
15	Theoretical	Discussion
16	Final Exam	Final examination

17	Final Exam	Final examination

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	3	0	4	12
Reading	14	0	2	28
Quiz	2	4	0.5	9
Midterm Examination	1	20	1	21
Final Examination	1	20	2	22
			Total Workload (Hours)	120
			[Total Workload (Hours) / 25*] = **ECTS**	5
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Knows morphology of acari
2	Gains information on important diseases caused by acari
3	Gains information on how acari infect animals, symptomps and economical aspects of diseases they cause.
4	Knows diagnostic methods for these diseases.
5	Understands prevation and control measures taken for diseases caused by acari.

Programme Outcomes *(Parasitology (Veterinary Medicine) Doctorate)*	
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Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5
P1	5	5	5	5	5
P2	5	5	5	5	5
P3	5	5	5	4	4
P4	5	4	4	3	3
P5	5	5	5	4	4
P6	5	4	4	4	4
P7	3	3	4	5	3
P8	4	4	4	3	3
P9	4	4	4	3	3
P10	4	5	5	4	5
P11	4	4	4	2	2
P12	3	2	3	3	4