AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Diagnosis of Pathogens in Acars						
Course Code	VPR672		Couse Level	Third Cycle (Doctorate Degree)			
ECTS Credit	3	Workload	75 *(Hours)*	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	The purpose of this course is to teach free living or parasitic mites and their roles in the transport of pathogens.						
Course Content	Free or parasitic mites living their roles in the transport of pathogens.						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Discussion				
Name of Lecturer(s)							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	15
Final Examination	1	60
Quiz	1	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. 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. Wall, R., D. Shearer, (1997) Veterinary Entomology, Chapman and Hall, Great Britain.
3	Schmidt, G.D., Roberts, L.S. (1985) Foundations of Parasitology, Times Mirror/Mosby, Missiuri. Schmidt, G.D., Roberts, L.S. (1985) Foundations of Parasitology, Times Mirror/Mosby, Missiuri.

Week	Weekly Detailed Course Contents	
1	Theoretical	Morphology, numelature and biology of Acarina
	Practice	Demonstrartion a video related to acarina species.
2	Theoretical	Free living acarina
	Practice	Laboratory practice related theoretical course
3	Theoretical	Preventive and control strategies
	Practice	Laboratory practice related theoretical course
4	Theoretical	Diagnosis of acar enfestations
	Practice	Teaching how to make permanent slides of acarins
5	Theoretical	Acar vaccines
	Practice	Demonstrartion a video related to acarina vaccines.
6	Theoretical	House dust mites
	Practice	Laboratory practice related theoretical course
7	Theoretical	The diseases that transmits by acars
	Practice	Laboratory practice related theoretical course
8	Intermediate Exam	Midterm exam
9	Theoretical	To prevent house dust mites
	Practice	Field study
10	Theoretical	House dust mites allergy
	Practice	Laboratory practice related theoretical course
11	Theoretical	Collection of Acarina And Methods Of Conservation
	Practice	Laboratory practice related theoretical course
12	Theoretical	Serological diagnosis of acarina infections
	Practice	Laboratory practice related theoretical course

13	Theoretical	Molecular diagnosis of acarina infections
	Practice	Lab visiting for moleculer diagnosis
14	Theoretical	general repetition
	Practice	general repetition
15	Theoretical	Discussion
	Practice	Discussion
16	Final Exam	Final examination

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0.5	2	35
Lecture - Practice	14	0	2	28
Assignment	6	0.5	0	3
Quiz	1	0.5	0.5	1
Midterm Examination	1	3	1	4
Final Examination	1	3	1	4
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = **ECTS**	3

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Knows morphology of acari
2	Gains information on important diseases transmitted 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	3	4	2	1	5
P2	2	5	3	3	3
P3	2	1	5	5	2
P4	5	2	4	4	5
P5	5	5	2	5	3
P6	5	5	3	2	5
P7	5	5	5	4	5
P8	5	5	5	2	5
P9	5	5	2	5	1
P10	5	3	3	4	3
P11	5	2	4	5	5

P12	1	5	2	3	5