



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Endoparasitic Mites							
Course Code		VPR655		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	1	Workload	29 (Hours)	Theory	1	Practice	0	Laboratory	0
Objectives of the Course		The objective of this course, morphology and biology of mites endoparasitic, which are important in terms of veterinary medicine, diagnosis, treatment and prevention diseases caused by endoparasitic mites in domestic animals and bees.							
Course Content		Endoparasitic of mites in domestic animals and bees, taxonomi, morphology, biology diseases caused in organisms by these, diagnostic criteria, treatment and prevention methods							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)		Lec. Selin HACILARLIOĞLU, Prof. Nuran AYSUL							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	60
Quiz	1	10
Assignment	1	10

Recommended or Required Reading

1	BALL, B.V. (1993). The Damaging Effects of Varroa jacobsoni infestation. In: Living With Varroa, Ed: Andrew Matheson. IBRA, 58 p.
2	ELLIS, M. (2001). Chemical control of Varroa mites. In: Mites of Honey Bee, Ed: Webster, T.C., Deleplane K.S., Ohio: Dadant and Sons Inc, 280 p
3	FRIES I. (1993). Varroa biology, In: Living With Varroa, Ed: Andrew Matheson. IBRA, 58 p
4	ZEYBEK, H. (1991). Arı Hastalık ve Zararlıları, Etlik, Ankara 96 s
5	EREN, H., KARAGENÇ, T., BAKIRCI, S. (2005). In: Arıların Parazit hastalıklarında Tedavi, Ed: Burgu, A., Karaer, Z. Parazit Hastalıklarında Tedavi. Türkiye Parazitoloji Derneği, Yayın No:19
6	YUKARI B.A., EREN H. (2000) Entomoloji Ders Notu no:8, Akdeniz Üniversitesi Veteriner Fakültesi Yayını, Burdur
7	TÜZER, E., TOPARLAK, M., GÖKSU, K. (1997) Veteriner Entomoloji, Ders notu, İstanbul Üniversitesi Veteriner Fakültesi Parazitoloji ABD., İstanbul
8	WALL, R., D. SHEARER, 1997. Veterinary Entomology. Chapman and Hall, Great Britain
9	KAUFMANN, J., 1996. Parasitic Infections of Domestic Animals. Birkhäuser. Switzerland
10	PETERS, W., G. PASVOL, 2002. Tropical Medicine and Parasitology. Mosby International Limited. China
11	BURGU, A., KARAER, Z. (2005). Parazit Hastalıklarında Tedavi. Türkiye Parazitoloji Derneği, Yayın No:19
12	SCHMIDT, G.D. (1985). Foundations of Parasitology

Week	Weekly Detailed Course Contents	
1	Theoretical	Diagnose of endoparasitic mite, systematic of these
2	Theoretical	Diagnose of diseases caused by species in Halarachnidae family, morphology and biology of these species, treatment and control methods of diseases caused by species in Halarachnidae
3	Theoretical	Family, morphology and biology of these species, treatment and control methods of diseases caused by species in Rhinonyssidae
4	Theoretical	Morphology, biology of agents that cause varroatoxis and Diagnose of diseases caused by agents that cause varroatoxis
5	Theoretical	Sending which were infected material in the laboratory a relation to varroatoxis
6	Theoretical	Fight of varroatoxis
7	Theoretical	Diagnose of diseases caused by species endoparasitic mites in acarapis genus, morphology and biology of these species, treatment and control methods of diseases caused by species endoparasitic mites
8	Intermediate Exam	Midterm Examination
9	Theoretical	Diagnose of diseases caused by species endoparasitic mites in tarsonemus genus, morphology and biology of these species, treatment and control methods of diseases caused by species endoparasitic mites



10	Theoretical	Diagnose of diseases caused by species in Cytoditidae family, morphology and biology of these species, treatment and control methods of diseases caused by species in Cytoditidae
11	Theoretical	Diagnose of diseases caused by species in Laminosioptidae family, morphology and biology of these species, treatment and control methods of diseases caused by species in Laminosioptidae
12	Theoretical	Diagnose of diseases caused by species in Linguatiliidae family, morphology and biology of these species, treatment and control methods of diseases caused by species in Linguatiliidae
13	Theoretical	Diagnose of diseases caused by species in Procephalidae family, morphology and biology of these species, treatment and control methods of diseases caused by species in Procephalidae
14	Theoretical	Diagnose of diseases caused by species which non endoparasitic mites that live in tunnels, morphology and biology of these species, treatment and control methods of diseases caused by species in Procephalidae
15	Theoretical	Discussion
16	Final Exam	Final exam
17	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Assignment	1	2	1	3
Quiz	1	1	1	2
Midterm Examination	1	3	1	4
Final Examination	1	5	1	6
Total Workload (Hours)				29
[Total Workload (Hours) / 25*] = ECTS				1

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Systematic, morphology of endoparasitic mites
2	To have knowledge about the biology of endoparasitic acarids
3	Clinical symptoms of diseases caused by endoparasitic mites
4	To have knowledge about diagnosis of the important species
5	To have knowledge about the control methods and treatment of the diseases caused by endoparasitic acarids

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	4	4	5
P2	4	4	5	4	4
P3	4	4	5	5	5
P4	3	3	4	4	4
P5	5	5	5	5	5
P6	5	5	4	4	4
P7	5	5	5	5	5



P8	2	2	3	3	3
P9	1	1	3	3	3
P11	4	4	5	5	5

