



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Zoonoses Helminths							
Course Code		VPR521		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	52 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The objective of this course is to tell about zoonotic helminth species that cause disease in humans and animals systematics and to identify the benefits of morphology and biology							
Course Content		The ways of transmission, public health significance and prevalence in people of zoonotic helminths,							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)		Prof. Serkan BAKIRCI							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	60
Quiz	2	10
Assignment	2	10

Recommended or Required Reading

1	TÜZER, E , TOPARLAK, M (2000) : Veteriner Helmintoloji , İ.Ü.Ders Notları.
2	TINAR, R (Ed.) (2006). Helmintoloji. Nobel Yayın Dağıtım, Ankara,.
3	GÜRALP, N. (1981). Helmintoloji. A.Ü.Basımevi, Ankara.
4	URQUHART, GM , et. al. (1987) : Veterinary Parasitology , Longman Scientific and Technical.
5	. BOWMAN, D.D.,R.C. Lynn, (1995). Georgis' Parasitology for veterinarians. W. B. Saunders Company, USA.
6	KASSAI, T., (1999). Veterinary Helmintology. Butterworth Heinemann, A Division of Reed Education and Professional Publishing Ltd., Great Britain.
7	BURGU, A., KARAER, Z. (2005). Parazit Hastalıklarında Tedavi. Türkiye Parazitoloji Derneği, Yayın No:19.

Week	Weekly Detailed Course Contents	
1	Theoretical	Zoonotic helminths and their importance
2	Theoretical	Fasciola hepatica, Fasciola gigantica, Fasciolopsis buski
3	Theoretical	Dicrocoelium dendriticum, Eurytrema pancreaticum, Heterophyes heterophyes
4	Theoretical	Metagonimus takahashii, Metagonimus yokogawai
5	Theoretical	Paragonimus cinsi, Opisthorchis tenuicollis, Opisthorchis sinensis
6	Theoretical	Opisthorchis viverrini, Schistosoma japonicum, Echinostoma sp, Echinoparyphium sp, Alaria sp.
7	Theoretical	Diphyllbothrium sp, Spirometra erinacei
8	Intermediate Exam	Mid term exam
9	Theoretical	Taenia saginata, Taenia solium, Taenia multiceps
10	Theoretical	Echinococcus granulosus, Echinococcus multilocularis
11	Theoretical	Dipylidium caninum, Hymenolepis nana, Hymenolepis diminuta, Mesocestoides sp.
12	Theoretical	Mammomonogamus laryngeus, Ancylostoma ve Uncinaria spp, Angiostrongylus cantonensis
13	Theoretical	Strongyloides stercoralis, Toxocara canis, Toxocara cati, Anisacid Parasites
14	Theoretical	Enterobius vermicularis, Thelazia californiensis, Gnathostoma spinigerum
15	Theoretical	Dirofilaria sp, Capillaria hepatica
16	Final Exam	Final exam
17	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	2	0	2



Quiz	1	2	0.5	2.5
Midterm Examination	1	8	1	9
Final Examination	1	10	1	11
Total Workload (Hours)				52
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be able to identify the taxonomy of zoonotic helminths
2	To be able to explain about the species of zoonotic helminth
3	To be able to recognize biology and morphology of zoonotic helminths
4	To learn how these diseases are transmitted to people.
5	To know the treatment methods of these diseases.

Programme Outcomes (Parasitology (Veterinary Medicine) Master)

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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	4	5	4	5	5
P2	4	4	4	5	5
P3	4	5	4	5	5
P4	4	5	5	5	5
P5	4	5	5	5	5
P6	4	3	4	4	3
P7	3	3	3	4	4
P8	3		2	2	2
P9	3	5	4	4	4
P10	4	5	4	1	2
P11	3	2	2		
P12	1	1	3		

