



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Important Intermediate Hosts Of Helminths							
Course Code		VPR641		Couese Level		Third Cycle (Doctorate Degree)			
ECTS Credit	3	Workload	76 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The aim of the course is to give information distribution of helminth intermediate hosts, epidemiology, morphology, biology, and on topics such as intermediate hosts to fight.							
Course Content		Various intermediate hosts of domestic animals, epidemiology, morphology, biology and prevalence of many intermediate hosts like Oribatid mite, snail, various fly species, louse, flea, cockroach, life stages of helminths in intermediate hosts, prophylaxis with intermediate host.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)		Lec. Selin HACILARLIOĞLU							

### 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	URQUHART, GM , et. al. (1987) : Veterinary Parasitology , Longman Scientific and Technical.
2	BOWMAN, D.D.,R.C. Lynn, (1995). Georgis' Parasitology for veterinarians. W. B. Saunders Company, USA.
3	BURGU, A., KARAER, Z. (2005). Parazit Hastalıklarında Tedavi. Türkiye Parazitoloji Derneği, Yayın No:19.
4	SCHMIDT, G.D. (1985). Foundations of Parasitology.

Week	Weekly Detailed Course Contents	
1	Theoretical	Lymnaea truncatula (swamp snail), Lymnaea auricularia (water snails), Helicella sp (land snails), Zebrina species (land snails), Cionella type (land snail)
2	Theoretical	Formica genus (ants), Limicolaria source (land snails), Dorylus genus (ants), Cematogaster source (ants),
3	Theoretical	Grasshoppers, Lizards
4	Theoretical	Pirenella conica (water snail), Cerithidia cingulata (water snail), genus Planorbis (water snail), Bulinus genus (water snail),
5	Theoretical	Mugil cephalus (freshwater fish), Mugil capito (freshwater fish), Tilapia nilotica (freshwater fish), Aphanius fasciatus (freshwater fish), Acanthogobius spp. (freshwater fish),
6	Theoretical	Pisces, Lobster, Frog, Odonata pack (girl beetles)
7	Theoretical	Cyclops genus (artropotlar), Oribatei group mites, Psocidae family insects
8	Intermediate Exam	Midterm exam
9	Theoretical	Salmon, trout, pike, perch, water snakes, frogs fry, amphibious animals
10	Theoretical	Birds, Kopepots (Copepoda), Mammals, Birds,
11	Theoretical	Ctenocephalides canis (Piraeus), C.felis (Piraeus), Pulex irritans (Piraeus), Trichodectescanis (louse), Coleoptera (koprofaj arthropods)
12	Theoretical	Grasshopper, Musca domestica (spades), Stomoxys calitrans (stable fly), Fannia genus (fly), Morellia genus (fly), Culex genus (mosquito), Aedes genus (mosquito), Anopheles genus (mosquitoes),
13	Theoretical	Agriolimax genus (land snail), Arion (land snail), Cepoea (land snail) Limax genus (snails),
14	Theoretical	Pheidole genus (Ant), Tetramorium genus (Ant), Onthophagus genus (ants), Coleoptera species (flour beetles), Tenebrio Molitor (insect)
15	Theoretical	Earth worm, ring worms that living in fresh waters
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	2	0	10	20
Quiz	2	5	0.5	11
Midterm Examination	1	5	1	6
Final Examination	1	10	1	11
Total Workload (Hours)				76
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

**Learning Outcomes**

1	To know intermediate hosts, which cause helminth infections.
2	Knows the epidemiology and biology of intermediate hosts
3	Knows the distribution and morphology of intermediate hosts
4	Gains information on how to control the intermediate hosts of important helminthic diseases
5	To know intermediate host struggle to protect them from helminth infections.

**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	4		5
P3	5	5	4	5	5
P4	4	4			4
P5	3	3	4	4	3
P6	4	4			4
P8	3	3			3
P9	3	3			3
P10				4	
P11	3	4	4	4	4

