



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Helminths In Meat And Fish Inspection							
Course Code		VPR645		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	3	Workload	71 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The aim of this course is to teach helminth species in meat and fish, the fish and meat as a being intermediate host, examining fish and meat about occurrence of cysticercosis, importance of fish and meat helminths for human health, ecto and endo parasites of fish, rules of consumption infectedmeat and fish with helminths.							
Course Content		Helminth species in meat and fish, the fish and meat as a being intermediate host, examining fish and meat about occurrence of cysticercosis, importance of fish and meat helminths for human health, ecto and endo parasites of fish, rules of consumption infectedmeat and fish with helminths.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)		Lec. Metin PEKAĞIRBAŞ							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	10
Final Examination	1	60
Quiz	1	10
Assignment	3	20

Recommended or Required Reading

1	Tüzer, E., Toparlak, M., Göksu, K. (1997) Veteriner Entomoloji. İstanbul Üniversitesi Veteriner Fakültesi Parazitoloji Abd., İstanbul.
2	Eren, H., Yukarı, B. B. (2000)
3	Wall, R., D. Shearer, 1997. Veterinary Entomology. Chapman And Hall, Great Britain
4	Kaufmann, J., 1996. Parasitic Infections Of Domestic Animals. Birkhäuser. Switzerland.
5	Peters, W., G. Pasvol, 2002. Tropical Medicine And Parasitology. Mosby International Limited. China.
6	Burgu, A., Karaer, Z. (2005). Parazit Hastalıklarında Tedavi. Türkiye Parazitoloji Derneği, Yayın No:19.
7	Schmidt, G.D. (1985). Foundations Of Parasitology.

Week	Weekly Detailed Course Contents	
1	Theoretical	Taenia saginata
	Practice	Taenia saginata
2	Theoretical	Taenia hydatigena
	Practice	Taenia hydatigena
3	Theoretical	Taenia multiceps
	Practice	Taenia multiceps
4	Theoretical	Echinococcus granulosus ve E. multilocularis
	Practice	Echinococcus granulosus and E. multilocularis
5	Theoretical	Fasciola hepatica
	Practice	Fasciola hepatica
6	Theoretical	Dicrocoelium dentriticum
	Practice	Dicrocoelium dentriticum
7	Theoretical	Fasciola gigantica
	Practice	Fasciola gigantica
8	Intermediate Exam	Midterm exam
9	Theoretical	Dictyocaulus filaria
	Practice	Dictyocaulus filaria
10	Theoretical	Dictyocaulus viviparus
	Practice	Dictyocaulus viviparus



11	Theoretical	Ligula intestinalis
	Practice	Ligula intestinalis
12	Theoretical	Dactylogyrus difformis (Monogenea),
	Practice	Dactylogyrus difformis
13	Theoretical	Diplostomulum spathaceum
	Practice	Diplostomulum spathaceum
14	Theoretical	Asymphylogora markewitschi (Digenea)
	Practice	Asymphylogora markewitschi
15	Theoretical	Hysterothylacium sp.(Nematoda)
	Practice	Hysterothylacium sp.(Nematoda)
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	3	6	0	18
Quiz	1	5	1	6
Midterm Examination	1	7	1	8
Final Examination	1	10	1	11
Total Workload (Hours)				71
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Learn the systematics and biology of helminths in meat and fish
2	Knows ecto and endoparasites of fish and helminth species in meat
3	Understands the ways of transmission with helminths in fish and meat
4	Have knowledge about the role of helminths in meat and fish in food regulation
5	Knows the importance of helminths in meat and fish for public health

Programme Outcomes (Parasitology (Veterinary Medicine) Doctorate)

1	
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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		3	3
P2	4	5		3	3
P3	5	2		4	4
P4				4	
P5	3	4	5	5	4
P8				3	3
P11				3	3

