AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Sarcomastigophorea								
Course Code	VPR636		Couse Level		Third Cycle (Doctorate Degree)				
ECTS Credit	3	Workload	74 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Gaining expert information on the morphology and biology of species of Sarcomastigophora family, diseases they cause in domestic animals, infection routes,treatment and control measures								
Course Content	Species of trypanasoma and leishmania in domestic animals, important species of Sarcodina, the morphology, biology and diseases they cause in domestic animals, infection routes, diagnosis, treatment and control measures.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving								
Name of Lecturer(s)									

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	Peters, W., Pasvol, G. (2002) Tropikal Medicine and Parasitology, Mosby International Limited, China.
2	Soulsby, E.J.L. (1986) Helminths, Arthropods and Protozoa of Domesticated Animals, William Cloves Limited, Great Britain.
3	Burgu, A., Karaer, Z. (2005) Parazit Hastalıklarında Tedavi, Türkiye Parazitoloji Derneği, İzmir.
4	Bogitsh, B.J, Cheng, T.C. (1998). Human parasitology. San Diego, Academic Press, 484 p.
5	Heelan, J.S., Ingersoll, F.W. (2002). Essentials of human parasitology. Albany, N.Y. Delmar Publishers. 211 p.
6	Marquardt, W.C. Demaree Jr, R.S., Grieve, R.B. (2000). Parasitology and vector biology. San Diego, CA, Academic Press. 702 p

Week	Weekly Detailed Course Contents	
1	Theoretical	General features and classification of Sarcomastigophora
2	Theoretical	Trypanosoma
3	Theoretical	Leishmania
4	Theoretical	Trichomonas
5	Theoretical	Histomonas
6	Theoretical	Hexamita
7	Theoretical	Presentation of assignment, discussion
8	Intermediate Exam	Mid term
9	Theoretical	Giardia
10	Theoretical	Entamoeba
11	Theoretical	Iodomoeba
12	Theoretical	Malpighomoeba
13	Theoretical	Acanthomoeba
14	Theoretical	Naegleria
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	2	28

Assignment	1	0	5	5
Reading	14	0	1	14
Quiz	1	4	0.5	4.5
Midterm Examination	1	10	1	11
Final Examination	1	10	2	12
			Total Workload (Hours)	74
			[Total Workload (Hours) / 25*] = **ECTS**	3
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	To learn diseases caused by protozoons at an advanced level
2	To learn how species of protozoa infect animals, symptomps of diseases, economical impact of diseases.
3	To know diagnostic methods for diseases caused by protozoons
4	To understand preventive and control measures taken for diseases caused by protozoons
5	Have knowledge on the treatment of protozoal 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	5	5	5
P3	5	5	5	4	4
P4	5	4	4	3	3
P5	5	5	5	4	5
P6	5	4	4	4	4
P8	4	4	4	3	3
P9	4	4	4	3	3
P11	4	4	4	2	2