



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Important Protozoal Diseases Of Domestic Animals							
Course Code		VPR604		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	120 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To understand the classification scheme of important protozoans of domestic animals, their morphology, biology, symptoms of diseases they cause, methods used for the treatment, prevention and control of diseases they cause.							
Course Content		Clasification of important protozoans such as Trypanosama, Leishmania, Giardia, Entamoeba, Histomonas ect. , their morphology, biology, symptoms of diseases they cause, methods used for the treatment, prevention and control of diseases they cause, clinical symptoms of diseses they cause in humans, preventive measures taken for the protection of humans .							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)		Lec. Selin HACILARLIOĞLU							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	15
Final Examination	1	60
Quiz	2	10
Assignment	8	15

### Recommended or Required Reading

1	Yukarı, B.A., (2000) Protozooloji, Akdeniz Üniversitesi Burdur Veteriner Fakültesi Ders Notu, Burdur.
2	Dik, B., Sevinç, F. (2002) Veteriner Protozooloji, Selçuk Üniversitesi Veteriner Fakültesi, Konya.
3	Tüzer, E., Toporlak, M. (1999) Veteriner Protozooloji, İstanbul Üniversitesi Veteriner Fakültesi Ders Notu, İstanbul.
4	Kaufmann, J. (1996) Parasitic Infections of Domestic Animals, Birkhäuser, Switzerland.
5	Peters, W., Pasvol, G. (2002) Tropical Medicine and Parasitology, Mosby International Limited, China.
6	Soulsby, E.J.L. (1986) Helminths, Arthropods and Protozoa of Domesticated Animals, William Cloves Limited, Great Britain.
7	Burgu, A., Karaer, Z. (2005) Parazit Hastalıklarında Tedavi, Türkiye Parazitoloji Derneği, İzmir.
8	Dumanlı, N., Karaer Z. (2010). Veteriner Protozooloji. Medisan Yayınevi, Ankara

Week	Weekly Detailed Course Contents	
1	Theoretical	General features of protozoans
2	Theoretical	Trypanosoma-I
3	Theoretical	Trypanosoma-II
4	Theoretical	Leishmania-I
5	Theoretical	Leishmania-II
6	Theoretical	Presentation of assignments - discussion
7	Theoretical	Giardia
8	Intermediate Exam	Midterm exam
9	Theoretical	Entamoeba
10	Theoretical	Histomonas
11	Theoretical	Trichomonadidae I
12	Theoretical	Trichomonadidae II
13	Theoretical	Presentation of assignments - discussion
14	Theoretical	Hepatoozon
15	Theoretical	General 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	3	0	4	12
Reading	14	0	2	28
Quiz	2	4	0.5	9
Midterm Examination	1	20	1	21
Final Examination	1	20	2	22
Total Workload (Hours)				120
[Total Workload (Hours) / 25*] = <b>ECTS</b>				5

\*25 hour workload is accepted as 1 ECTS

**Learning Outcomes**

1	To gain information on diseases caused by protozoans at advanced level.
2	To gain information on how protozoans infect animals, symptoms and economical aspects of diseases they cause.
3	To know diagnostic methods for these diseases.
4	To understand prevation and control measures taken for diesases caused by protozoans.
5	Know how to treat animals infected with these parasites.

**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	
P4	5	4	4	3	
P5	5	5	5	4	5
P6	5	4	4	4	
P8	4	4	4	3	
P9	4	4	4	3	
P11	4	4	4	2	5

