AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Zoonoses Protozoans								
Course Code	VPR522		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	2	Workload	51 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to tell about the importanat zoonotic protozoon species that cause disease in humans,the transmission ways,symtomps,diagnose,treatment and protection ways of diseases.								
Course Content	The systematisc of zoonotic protozoon tha causes diseases in both people and animals and their morphologies and biologies.								
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	YUKARI, B. A., (2000). Protozooloji. Akdeniz Üniversitesi Burdur Veteriner Fakültesi Ders Notu No:9. Burdur.
2	DİK, B., SEVİNÇ, F. (2002). Veteriner Protozooloji. Selçuk Üniversitesi Veteriner Fakültesi. Konya.
3	TÜZER, E., TOPARLAK, M. (1999). Veteriner Protozooloji. İstanbul Üniversitesi Veteriner Fakültesi Ders Notu No:105. İstanbul.
4	KAUFMANN, J. (1996). Parasitic Infections of Domestic Animals. Birkhäuser. Switzerland.
5	PETERS, W., PASVOL, G. (2002). Tropikal 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, Yayın No:19.
8	SCHMIDT, G.D. (1985). Foundations of Parasitology.
9	DUMANLI, N., KARAER Z. (2010). Veteriner Protozooloji. Medisan Yayınevi, Ankara

Week	Weekly Detailed Course Contents	
1	Theoretical	Zoonotic protozoons and their importance
	Practice	Zoonotic protozoons and their importance
2	Theoretical	Toxoplasma
	Practice	Toxoplasma
3	Theoretical	Pneumocystis
	Practice	Pneumocystis
4	Theoretical	Sarcocystis
	Practice	Sarcocystis
5	Theoretical	Encephalitozoon
	Practice	Encephalitozoon
6	Theoretical	Cryptosporidium
	Practice	Cryptosporidium
7	Theoretical	Trypanasoma
	Practice	Trypanasoma
8	Practice	Mid term exam
	Intermediate Exam	Mid term exam
9	Theoretical	Leishmania
	Practice	Leishmania
10	Theoretical	Babesia

10	Practice	Babesia
11	Theoretical	Balantidium
	Practice	Balantidium
12	Theoretical	Entamoeba
	Practice	Entamoeba
13	Theoretical	Leucocytozoon
	Practice	Leucocytozoon
14	Theoretical	Discussion
	Practice	Discussion
15	Theoretical	Discussion
	Practice	Discussion
16	Practice	Final exam
	Final Exam	Final exam
17	Practice	Final exam
	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	4	0	2	8
Quiz	2	4	0.5	9
Midterm Examination	1	2	1	3
Final Examination	1	2	1	3
			Total Workload (Hours)	51
			[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 protozoon
2	To be able to tell about the available species of zoonotic protozoon
3	To be able to explain the biology and morphology of zoonotic protozoon
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)*

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	

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		