AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Zoonotic Protozoa						
Course Code	VPR638		Couse Level	Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	52 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to teach morphology,biology, transmission ways and diseaes in humans, diagnosis, treatment, preventation from zoonotic protozoons like Toxoplasma, Leishmania, Sarcosporidia, Balantidium, Trypanasoma.						
Course Content	Morphologies and bilogy of important zoonotic protozoons Transmission ways of zooonotic protozoons to humans and dieases caused by zoonotic protozoons in humans Ways of preventation form zoonotic protozoons Diagnosis and treatment of zoonotic protozoons						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods		Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)	Prof. Serkan BAKIRCI						

Assessment Methods and Criteria

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

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
10	URGUHART, G.M., (1987) Veterinary Parasitology , Longman Scientific and Technical, England

Week	Weekly Detailed Course Contents	
1	Theoretical	Important zoonotic protozoons
2	Theoretical	Morphologies of important zoonotic protozoons
3	Theoretical	Biologies of important zoonotic protozoons
4	Theoretical	Diseases caused by important zoonotic protozoons in humans
5	Theoretical	Diseases caused by important zoonotic protozoons in humans
6	Theoretical	Diseases caused by important zoonotic protozoons in humans
7	Theoretical	Transmission ways of important zoonotic protozoons to humans
8	Intermediate Exam	Midterm exam
9	Theoretical	Preventation from important zoonotic protozoons
10	Theoretical	Preventation from important zoonotic protozoons
11	Theoretical	Preventation from important zoonotic protozoons
12	Theoretical	Methods used for the diagnosis of important zoonotic protozoons (microscopic, serologic and molecular methods)
13	Theoretical	Methods used for the diagnosis of important zoonotic protozoons (microscopic, serologic and molecular methods)

14	Theoretical	Treatment of important zoonotic protozoons in humans
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	2	0	10	20
Midterm Examination	1	1	1	2
Final Examination	1	1	1	2
			Total Workload (Hours)	52
			[Total Workload (Hours) / 25*] = **ECTS**	2

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Having knowledge on morphology and biology of important zoonotic protozoons
2	Having knowledge on diagnosis and treatment of important zoonotic protozoons
3	Having knowledge about diseases caused by zoonotic protozoons in humans
4	Having knowledge about transmission ways of zooonotic protozoons to humans
5	Having knowledge about preventation form zoonotic protozoons

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	4	4		4	4
P2					3
P3	5	5		5	
P5	5	5	5	5	5
P6	5	5		5	
P8	4	4		4	
P11	3	3		3	