AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Apicomplexa						
Course Code	VPR540		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, to be able to tell about class, series, family, genus, and related species of which under the root of Apicomplexa located, diagnosis, treatment and preservation of these protozoa.						
Course Content	Class, series, family, genus, and related species of which located under the root of Apicomplexa, diagnosis, treatment and protection of the diseases caused by protozoa						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods		Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)	Lec. Selin HACILARLIOĞLU, Prof. Serkan BAKIRCI						

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	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	Classification of the root of Apicomplexa
2	Theoretical	Classification and recognition that class, family, genus and species of which in the series of Coccidae
3	Theoretical	Recognition species of Hepatozoon genus, diagnosis, treatment and protection
4	Theoretical	Recognition species of Eimeria genus, diagnosis, treatment and protection
5	Theoretical	Recognition species of Isospora, Tyzzeria, Caryospora, Cyclospora and Wenyonella genus, diagnosis, treatment and protection
6	Theoretical	Recognition species of Besnoitia and Hammondia genus, diagnosis, treatment and protection
7	Theoretical	Recognition species of Toxoplasma and Neospora genus, diagnosis, treatment and protection
8	Intermediate Exam	Midterm Examination
9	Theoretical	Recognition species of Sarcocystis and Frenkelia genus, diagnosis, treatment and protection
10	Theoretical	Recognition species of Cryptosporidium genus, diagnosis, treatment and protection
11	Theoretical	Recognition genus and species of Plasmodiidae familia, diagnosis, treatment and protection
12	Theoretical	Recognition species of Babesia genus, diagnosis, treatment and protection
13	Theoretical	Recognition species of Theileria genus, diagnosis, treatment and protection
14	Theoretical	The methods used in the diagnosis of the root at the bottom of Apicomplexa protozoa
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	4	4
Quiz	1	3	0.5	3.5
Midterm Examination	1	6	1	7
Final Examination	1	8	1	9
			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 tell about the taxonomy a root of Apicomplexa
2	To be able to recognize its existing species
3	To be able to explain about the morphology and biology which species at the root of Apicomplexa
4	To be able to recognize the diseases caused by species existing at the root of Apicomplexa
5	To be able to tell about zoonosis Apicomplexa.

Programme Outcomes *(Parasitology (Veterinary Medicine) Master)*

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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	3	3	5	5	5
P3	4	4	5	5	5
P4	4	5	5	5	4
P5	5	5	5	5	5
P6	4	4	5	5	5
P7	5	4	4	4	3
P8	4	5	5	5	3
P9	5	4	4	4	5
P10	5	5	5	5	5
P11	5	4	5	5	5
P12	5	5	5	5	5