AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Myxozoa, Microspora And Parasitic Ciliophora								
Course Code	VPR650		Couse Level		Third Cycle (Doctorate Degree)				
ECTS Credit	2	Workload	50 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to teach important Myxozoa, Microspora ve Ciliata species of domestic animals, fish, bee and silkworm. Their transmission route clinical symptoms, diagnosis, treatment and prevention methods.								
Course Content	Myxozoa, Microspora ve Ciliata species of domestic animals, fish, bee and silkworm. Their transmission route clinical symptoms, diagnosis, treatment and prevention methods.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion								
Name of Lecturer(s)	Prof. Tülin KARAGENÇ								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	10
Final Examination	1	60
Quiz	1	10
Assignment	5	20

Recommended or Required Reading	
1	Tüzer, E., Toparlak, M., Göksu, K. (1997) Veteriner Entomoloji. İstanbul Üniversitesi Veteriner Fakültesi Parazitoloji Abd., İstanbul.
2	Eren, H., Yukarı, B. B. (2000).
3	Wall, R., D. Shearer, 1997. Veterinary Entomology. Chapman And Hall, Great Britain.
4	Kaufmann, J., 1996. Parasitic Infections Of Domestic Animals. Birkhäuser. Switzerland.
5	Peters, W., G. Pasvol, 2002. Tropikal Medicine And Parasitology. Mosby International Limited. China.
6	Burgu, A., Karaer, Z. (2005). Parazit Hastalıklarında Tedavi. Türkiye Parazitoloji Derneği, Yayın No:19.
7	Schmıdt, G.D. (1985). Foundations Of Parasitology.

Week	Weekly Detailed Course Contents	
1	Theoretical	Balantidium coli
	Practice	Balantidium coli
2	Theoretical	Encehalitozoon cuniculi
	Practice	Encehalitozoon cuniculi
3	Theoretical	Nosema apis
	Practice	Nosema apis
4	Theoretical	Ichthyophthirius multifilis
	Practice	Ichthyophthirius multifilis
5	Theoretical	Chilodinella cyprini
	Practice	Chilodinella cyprini
6	Theoretical	Trichodina
	Practice	Trichodina
7	Theoretical	Pleistiphora ovariae
	Practice	Pleistiphora ovariae
8	Intermediate Exam	Midterm exam
9	Theoretical	Myxobolus cerebralis
	Practice	Myxobolus cerebralis
10	Theoretical	Myxobolus pfeifferi
	Practice	Myxobolus pfeifferi
11	Theoretical	Myxobolus dujardini

11	Practice	Myxobolus dujardini
12	Theoretical	Ceratomyxa shasta
	Practice	Ceratomyxa shasta
13	Theoretical	Glugea hertwigi
	Practice	Glugea hertwigi
14	Theoretical	Bivalvulida
	Practice	Bivalvulida
15	Theoretical	discussion
16	Final Exam	Final examination
17	Final Exam	Final examination

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Quiz	1	5	1	6
Midterm Examination	1	5	1	6
Final Examination	1	9	1	10
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = **ECTS**	2

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes

1	To have knowledge about important species of myxozoa, microspora and parasitic ciliata in domestic animals, fish and silk worms
2	To have knowledge about about the morphology and biology of myxozoa, microspora and parasitic ciliata species
3	To have knowledge about the distribution, clinical and pathologic features of myxozoa, microspora and parasitic ciliata
4	To have knowledge about the names and diagnosis of the important species
5	To have knowledge about the control methods and treatment of myxozoa, microspora and ciliata species

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

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	4	4	4	4
P2	5	5	2	4	4
P3	4	4	5	5	5
P4	3	3	4	4	4
P5	5	5	5	5	5
P6	5	5	4	4	4
P7	1	1	2	3	3
P8	2	2	3	3	3
P9	1	1	3	3	3
P11	4	4	5	5	5