



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Diagnosis Of Nematod Diseases							
Course Code		VPR606		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	125 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The purpose of this course; detection of adult, egg or larval periods, diagnosis, and to inform issues are retained in nematodes.							
Course Content		Detection of adult, egg or larval periods, diagnosis, and are retained in nematodes.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	60
Quiz	2	10
Assignment	4	10

Recommended or Required Reading

1	TÜZER, E , TOPARLAK, M (2000) : Veteriner Helminoloji , İ.Ü.Ders Notları.
2	GÜRALP, N. (1981). Helminoloji. A.Ü.Basımevi, Ankara.
3	URQUHART, GM , et. al. (1987) : Veterinary Parasitology , Longman Scientific and Technical.
4	BOWMAN, D.D.,R.C. Lynn, (1995). Georgis' Parasitology for veterinarians. W. B. Saunders Company, USA.
5	GÜÇLÜ, F. (2002).Genel Parazitoloji. S.Ü.Basımevi, Konya.
6	BURGU, A. (2008).Genel Parazitoloji. A.Ü.Basımevi, Ankara.
7	BURGU, A., KARAER, Z. (2005). Parazit Hastalıklarında Tedavi. Türkiye Parazitoloji Derneği, Yayın No:19.
8	SCHMIDT, G.D. (1985). Foundations of Parasitology.

Week	Weekly Detailed Course Contents	
1	Theoretical	Clinical symptoms that can be seen in the important nematode infections
	Practice	Film screening related to ruminants trichostrongylosis.
2	Theoretical	Methods can be used in stool examination for nematod eggs.
	Practice	Laboratory practice related theoretical course
3	Theoretical	Morphological differentiation criteria for nematod eggs and egg counting techniques
	Practice	Laboratory practice related theoretical course
4	Theoretical	The methods that used to obtain nematode larvae from feces
	Practice	Laboratory practice related theoretical course
5	Theoretical	The differential morphologic criteria in nematode larvaes
	Practice	Laboratory practice related theoretical course
6	Theoretical	Be examination nematodes in terms of the organs and Parasite collection techniques at autopsy
	Practice	Laboratory practice related theoretical course
7	Theoretical	The differential morphologic criteria in adult nematodes
	Practice	Laboratory practice related theoretical course
8	Intermediate Exam	Midterm exam
9	Theoretical	Be killing, relaxation and fixed of adult nematodes.
	Practice	Laboratory practice related theoretical course
10	Theoretical	Clarification procedure of adult nematodes.
	Practice	Laboratory practice related theoretical course
11	Theoretical	Staining of adult nematodes
	Practice	Laboratory practice related theoretical course
12	Theoretical	Cultural practices of nematode eggs.



12	Practice	Laboratory practice related theoretical course
13	Theoretical	Solutions and storage techniques in adult nematodes that can be used to store.
	Practice	Laboratory practice related theoretical course
14	Theoretical	Molecular techniques that can be used in the diagnosis of nematodes I
	Practice	Laboratory practice related theoretical course
15	Theoretical	Molecular techniques that can be used in the diagnosis of nematodes II
	Practice	Laboratory practice related theoretical course
16	Final Exam	Final examination
17	Final Exam	Final examination

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Assignment	2	0	2	4
Reading	14	0	2	28
Quiz	1	5	0.5	5.5
Midterm Examination	1	15	1	16
Final Examination	1	15	1	16
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Knows that clinical signs in nematodes infections of animals .
2	Knows that diagnostic methods and distinguish criteria of nematodes eggs in faeces
3	Knows that the diagnosis of adult nematodes and methods for collecting in organs.
4	Knows that about the methods of diagnosis and store of adult nematodes.
5	Knows that about the cultural practices of nematode eggs.

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	3	5	4
P2	3	3	4	4	3
P3	4	4	5	4	5
P4	5	5	4	5	4
P5	5	5	5	5	5
P6	4	4	4	5	3
P7	5	5	4	4	3
P8	4	4	4	4	3



P9	4	4	5	5	5
P10	3	3	4	4	4
P11	3	4	3	2	3
P12	3	3	4	3	3

