



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Fecal Examination							
Course Code		VPR525		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	101 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The objective of this course is to tell about important helminths and protozoans by fecal sedimentation, flotation, Vajda and Baermann Techniques							
Course Content		Fecal examination							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)		Prof. Nuran AYSUL							

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	Tüzer , E , Toparlak , M (2000) : Veteriner Helmintoloji , İ.Ü.Ders Notları.
2	Güralp, N. (1981) : Helmintoloji. 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.

Week	Weekly Detailed Course Contents	
1	Theoretical	Learning instrument to be used in the diagnosis of parasites
	Practice	Learning instrument to be used in the diagnosis of parasites
2	Theoretical	Technique and sent to labrotory of stool
	Practice	Technique and sent to labrotory of stool
3	Theoretical	Conservation of feces samples
	Practice	Conservation of feces samples
4	Theoretical	Macroscopic and microscopic examination of stool
	Practice	Macroscopic and microscopic examination of stool
5	Theoretical	Examination of stool samples
	Practice	Examination of stool samples
6	Theoretical	Parasitic examination by flotation techniques
	Practice	Parasitic examination by flotation techniques
7	Theoretical	Sedimentation and parasitic examination techniques
	Practice	Sedimentation and parasitic examination techniques
8	Practice	Midterm exam
	Intermediate Exam	Midterm exam
9	Theoretical	Discussion
	Practice	Discussion
10	Theoretical	Vajda Baerman-Wetzel and parasitic examination technique
	Practice	Vajda Baerman-Wetzel and parasitic examination technique
11	Theoretical	Preparation of stool specimens coloring preparations
	Practice	Preparation of stool specimens coloring preparations
12	Theoretical	Stool culture
	Practice	Stool culture



13	Theoretical	Preparation of permanent
	Practice	Preparation of permanent
14	Theoretical	Molecular-based diagnostic methods and examination of stool
	Practice	Molecular-based diagnostic methods and examination of stool
15	Theoretical	Other methods of parasitological examination of feces
	Practice	Other methods of parasitological examination of feces
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	14	0	2	28
Assignment	2	2	0	4
Reading	14	1	0	14
Quiz	2	2	0.5	5
Midterm Examination	1	8	1	9
Final Examination	1	12	1	13

Total Workload (Hours) 101

[Total Workload (Hours) / 25*] = **ECTS** 4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To know stool examination techniques.
2	To know identification of adult and other developmental periods of parasites in feces.
3	To know how to choose stool examination techniques according to diseases.
4	To know the faults in stool examination techniques.
5	To know the materials to be used in stool examinations.

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



P8	5	4	4	4	5
P9	4	4	4	4	3
P10	3	4	4	2	2
P11	5	5	5	5	5
P12	5	4	5	5	5

