



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		The Introduction to Pathogenesis of Nutritional Disease							
Course Code		VPT543		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	46 (Hours)	Theory	1	Practice	0	Laboratory	0
Objectives of the Course		Factors effect on the developmental of the nutritional diseases, mechanism of nutritional diseases, tissue and cell injures in the nutritional diseases							
Course Content		Beslenme hastalıklarının gelişiminde etkili olan faktörler, beslenme hastalıklarının gelişim mekanizmaları, beslenme hastalıklarında ortaya çıkan doku ve hücre hasarının mekanizmaları üzerinde temel seviyede durulacaktır							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	60
Assignment	1	10

Recommended or Required Reading

1	K.V.F. Jubb, P. C.Kennedy, N. Palmer (1992). Pathology of Domestic Animals volume 1. 4th edition. Academic Pres Inc
2	K.V.F. Jubb, P. C.Kennedy. N. Palmer (1992). Pathology of Domestic Animals volume 2. 4th edition. Academic Pres Inc
3	K.V.F. Jubb, P. C. Kennedy,N. Palmer (1992). Pathology of Domestic Animals volume 3. 4thedition. Academic Pres Inc.
4	Veteriner Patoloji, Milli Ü., Hazıroğlu R. (2000). 1. cilt medipres, Ankara
5	Veteriner Patoloji, Milli Ü., Hazıroğlu R. (2000). 2. cilt medipres, Ankara

Week	Weekly Detailed Course Contents	
1	Theoretical	The introduction animal nutrition
2	Theoretical	The importance of vitamins in animal nutrition
3	Theoretical	The importance of the minerals in animal nutrition
4	Theoretical	The introduction to pathogenesis of nutritional disease
5	Theoretical	The pathologic defects due to nutritional deficiency
6	Theoretical	The pathologic defects due to vitamin deficiency
7	Theoretical	The pathologic defects due to mineral deficiency
8	Intermediate Exam	Midterm Exam
9	Theoretical	Rachitis
10	Theoretical	Osteomalasi
11	Theoretical	The pathologic findings due to vitamin E deficiency in poultry
12	Theoretical	The pathologic findings occurring due to mineral deficiency
13	Theoretical	Nutritional secondary hyperparathyroidism
14	Theoretical	Overview
15	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Assignment	5	0	2	10
Term Project	1	0	5	5
Reading	14	0	1	14
Midterm Examination	1	0	1	1



Final Examination	1	0	2	2
Total Workload (Hours)				46
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be knowledgeable about the pathogenesis of nutritional diseases
2	To be knowledgeable about the macroscopic changes in nutritional diseases
3	To be knowledgeable about the microscopic changes in nutritional diseases
4	To be knowledgeable about the methods used in the diagnosis of nutritional diseases
5	To be knowledgeable about the preventive methods in nutritional disease

Programme Outcomes (Pathology (Veterinary Medicine) Master)

1	The student knows anatomy, structure/function of organs and tissues as well as physiological mechanisms of especially farm animals.
2	
3	
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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	3	4	4	5	5
P2	3	5	3	5	5
P3	5	5	3	5	5
P4	4	5	4	5	5
P5	4	3	3	5	5
P6	3	4	4	5	5
P7	3	3	3	5	5
P8	3	5	3	5	5
P9	3	3	3	5	5
P10	3	5	4	5	5

