



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Pathology of Bones and Joints							
Course Code		VPT624		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	3	Workload	77 (Hours)	Theory	1	Practice	0	Laboratory	0
Objectives of the Course		Bone development, development and regeneration disorders, general reactions of bone tissue to injury, developmental anomalies, metabolic degenerative, inflammatory and unknown diseases of bones and developmental disorders of joints; degenerative diseases of joints (arthropatits), traumatic injuries of joints; circulatory disorders of the joints; pigmentation and joint foreign bodies; inflammatory diseases of the joints (arthritis-infectious arthritis, various inflammatory lesions in joint structures, non-infectious arthritis) will be discussed.							
Course Content		Bone development, development and regeneration disorders, general reactions of bone tissue to injury, developmental anomalies, metabolic degenerative, inflammatory and unknown diseases of bones and developmental disorders of joints; degenerative diseases of joints (arthropatits), traumatic injuries of joints; circulatory disorders of the joints; pigmentation and joint foreign bodies; inflammatory diseases of the joints (arthritis-infectious arthritis, various inflammatory lesions in joint structures, non-infectious arthritis) will be discussed.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	60
Assignment	10	40

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. 4th edition. Academic Pres Inc.
4	Veteriner Patoloji, Milli Ü., Haziroğlu R. (2000). 1. cilt medipres, Ankara.
5	Veteriner Patoloji, Milli Ü., Haziroğlu R. (2000). 2. cilt medipres, Ankara
6	Metin, N. (2008) Üriner sistem Patolojisi, Aydın. Metin, N. (2008) Sinir Sistemi Patolojisi, Aydın.
7	Metin, N. (2008). Sindirim, Solunum ve Bilier Sistem Patoloji, Aydın.
8	B. A. Summers, J. F. Cummings, A. Lahunta. (1995). Veterinary Neuropathology. Mosby.
9	10. C. D. Buergeit. (1997). Color Atlas of Reproductive Pathology of Domestic Animals. Mosby.

Week	Weekly Detailed Course Contents	
1	Theoretical	
2	Theoretical	
3	Theoretical	
4	Theoretical	
5	Theoretical	
6	Theoretical	
7	Theoretical	
8	Intermediate Exam	
9	Theoretical	
10	Theoretical	
11	Theoretical	
12	Theoretical	
13	Theoretical	
14	Theoretical	
15	Final Exam	



Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	4	1	70
Final Examination	1	6	1	7
Total Workload (Hours)				77
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To have knowledge about bone and joint diseases
2	To have knowledge about the pathogenesis of bone and joint diseases
3	To have knowledge about morphological changes observed during bone and joint diseases
4	To have knowledge about infectious and noninfectious bone and joint diseases
5	To gain the ability to apply and use this knowledge to other fields

Programme Outcomes (Pathology (Veterinary Medicine) Doctorate)

1	The student knows lesions of organs and tissues as well as pathological mechanisms of infectious/noninfectious diseases of especially farm and pet animals.
2	The student intensify theoretical and practical knowledge.
3	The student will learn and apply a variety of theoretical methods of diagnosis.
4	Students macroscopic and microscopic signs of diseases characterized by evaluating the clinical findings and examine the comparative.
5	
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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	5	5	5	5	5
P3	5	5	5	5	5
P4	5	5	5	5	5
P5	5	5	5	5	5
P6	5	5	5	5	5
P7	5	5	5	5	5
P8	5	5	5	5	5
P9	5	5	5	5	5
P10	5	5	5	5	5

