

PATHOLOGY OF POULTRY

1	Course Title:	PATHOLOGY OF POULTRY	
2	Course Code:	VET5303	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	5	
6	Semester:	9	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	2.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:		
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. GÜRSEL SÖNMEZ	
15	Course Lecturers:	Prof. Dr. Gürsel SÖNMEZ Doç. Dr. M. Özgür ÖZYİĞİT	
16	Contact information of the Course Coordinator:	gursels@uludag.edu.tr, Uludağ Üniv. Veteriner Fak. Patoloji Anabilim Dalı Görükle Kampüsü 16059 BURSA	
17	Website:	http://veteriner.uludag.edu.tr	
18	Objective of the Course:	http://veteriner.uludag.edu.tr	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	the technique to perform necropsy and for pathological examination in poultry
		2	the pathogenesis, macroscopic and microscopic changes observed in bacterial diseases of poultry.
		3	the pathogenesis, macroscopic and microscopic changes observed in viral diseases of poultry
		4	the pathogenesis, macroscopic and microscopic changes observed in the mycotic and parasitological diseases of poultry
		5	the pathogenesis, macroscopic and microscopic changes observed in nutritional and metabolic diseases and toxications of poultry
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	

1	Aim of the course, introduction to recommended books and the course. Diagnostic methods and method of necropsy and histopathological examination in poultry	Performance of necropsy in poultry		
2	Pathogenesis, macroscopic and microscopic changes in salmonellosis (Pullorum disease, fowl typhoid and paratyphoid)	Showing slides and dias about salmonellosis		
3	Pathogenesis, macroscopic and microscopic changes in mycoplasmosis (Mycoplasma gallisepticum, M. meleagridis and M. synoviae infections)	Showing slides and dias about mycoplasmosis		
4	Pathogenesis, macroscopic and microscopic changes in streptococcal, staphylococcal and clostridial infections	Showing slides and dias about streptococcal, staphylococcal and clostridial infections		
5	Macroscopic and microscopic changes in colibacillosis and tuberculosis	Showing slides and dias about colibacillosis and tuberculosis		
6	Macroscopic and microscopic changes in fowl cholera and infectious coryza	Showing slides and dias about infectious coryza and fowl cholera		
7	Pathogenesis, macroscopic and microscopic changes in avian encephalomyelitis, pox and influenza)	Showing slides and dias about avian encephalomyelitis and pox		
8	Pathogenesis, macroscopic and microscopic changes in infectious bronchitis (IB), gumboro (IBD), infectious laryngotracheitis (ILT) and Newcastle disease (ND)	Showing slides and dias about infectious bronchitis, IBD, ILT and ND		
9	Pathogenesis, macroscopic and microscopic changes in Marek's disease and avian leukosis/sarcoma group inf.	Showing slides and dias about Marek's disease and avian leukosis/sarcoma group inf.		
Activites		Number	Duration (hour)	Total Work Load (hour)
11	Pathogenesis, macroscopic and microscopic changes in coccidiosis, cryptosporidiosis and histomoniasis	14	2.00	28.00
Practicals/Labs		14	2.00	28.00
12	Pathogenesis, macroscopic and microscopic changes in metabolic diseases	14	1.00	14.00
Self study and preparation				
Homeworks		0	0.00	0.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm Exams		1	20.00	20.00
Others		2	5.00	10.00
14	Macroscopic and microscopic changes in nutritional disorders	14	2.00	28.00
Total Work Load				140.00
Total work load/ 30 hr				4.00
ECTS Credit of the Course				4.00
		University Press, USA, 2003 2. Sonmez G. Kanatlı Hayvan Hastalıkları Patolojisi (Pathology of Poultry Diseases), Bursa, 2006 3. Jordan F, Pattison M, Alexander D, Foragher T. Poultry Diseases, W. B. Saunders, London, 2001 4. Çarlı KT. Kanatlı Hayvanların İnfeksiyöz Hastalıkları (Infectious Diseases of Poultry), Bursa, 2003		
23	Assesment			
TERM LEARNING ACTIVITIES		NUMBE R	WEIGHT	
Midterm Exam		1	30.00	
Quiz		2	10.00	
Home work-project		0	0.00	

Final Exam	1	60.00
Total	4	100.00
Contribution of Term (Year) Learning Activities to Success Grade	40.00	
Contribution of Final Exam to Success Grade	60.00	
Total	100.00	
Measurement and Evaluation Techniques Used in the Course		
24	ECTS / WORK LOAD TABLE	

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	5	5	5	4	2	1	1	2	3	5	3	1	0	0	0	0
ÖK2	5	4	5	0	0	0	0	0	0	0	0	1	0	0	0	0
ÖK3	5	4	5	3	3	2	1	2	3	3	2	1	0	0	0	0
ÖK4	5	4	5	3	3	2	1	2	3	3	2	1	0	0	0	0
ÖK5	5	4	5	3	3	4	1	2	3	3	2	1	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			