

INTRODUCTION TO THE RESPIRATORY SYSTEM IN POULTRY

1	Course Title:	INTRODUCTION TO THE RESPIRATORY SYSTEM IN POULTRY	
2	Course Code:	VFZ5031	
3	Type of Course:	Optional	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	2.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	none	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. NURTEN YAKAR	
15	Course Lecturers:	Prof. Dr. Nurten GALİP	
16	Contact information of the Course Coordinator:	nurteng@uludag.edu.tr +90 224 294 1273 Uludağ Üniversitesi Veteriner Fakültesi Fizyoloji AbD Görükle Bursa 16059	
17	Website:	http://www.veteriner.uludag.edu.tr	
18	Objective of the Course:	To assess the ventilation and to learn physiology of respiration in poultry	
19	Contribution of the Course to Professional Development:	To increase the knowledge and experience of students about ventilation and physiology of respiration in poultry.	
20	Learning Outcomes:		
		1	To be able to explain the mechanism of respiration in poultry
		2	To be able to explain the processes of inspiration (breathing in) and expiration (breathing out) in poultry
		3	To be able to describe pulmonary central chemoreceptors and peripheral chemoreceptors in poultry
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21	Course Content:		
		Course Content:	

Week	Theoretical	Practice		
1	SOLUNUM SİSTEMİNİN kısımları Burun Boşluğu Koku,			
2	Parts of the chicken respiratory system oropharynx (mouth and pharynx)			
3	Solunum sisteminin kısımları, Trakea, Syrinx, Bronşlar, Akciğerler, Hava Keseleri			
4	kanatlılarda Solunum mekanizması			
5	Gaz taşınması, oksijen			
6	Gas exchange, carbon dioxide			
7	Respiration Cycle Expiration Inspiration			
8	Control Of Respiration			
9	asit baz dengesi			
10	pulmonary central chemoreceptors and peripheral chemoreceptors in poultry			
11	Isı salınımı (sıcaklık düzenlemesi)			
12	Endocrine secretion of pancreas, prostaglandins			
13	Detoxification of certain chemicals			
14	Dangers to the chicken respiratory system			
22	Textbooks, References and/or Other	1- YAMAN, K. Fizyoloji. Ezgi kitabevi, Bursa, 2004.		
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical		14	2.00	28.00
Practicals/Labs		0	0.00	0.00
Self study and preperation		6	2.00	12.00
Homeworks		0	0.00	0.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		1	2.00	2.00
TERM LEARNING ACTIVITIES		NUMBE	WEIGHT	
Others		0	0.00	0.00
Midterm Exam		1	2.00	2.00
Final Exams		1	2.00	2.00
Total Work Load				62.00
Home work-project		0	0.00	0.00
Total work load/ 30 hr				2.00
ECTS Credit of the Course				2.00
Total		3	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		test exam		
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	4	3	3	4	5	4	4	4	4	4	4	0	0	0	0
ÖK2	5	5	4	4	4	5	5	5	5	5	5	5	0	0	0	0
ÖK3	5	5	4	4	5	5	5	5	5	5	5	5	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			