AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Diseases of Respiratory System in Ruminants								
Course Code	ViH602		Couse Level	Third Cycle (Doctorate Degree)					
ECTS Credit	5	Workload	128 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Evaluation of the etiology, pathogenesis, diagnosis, treatment and evaluation of conservation, upper respiratory diseases, lung diseases and diseases of the chest cavity and pleura in cattle, sheep and goats								
Course Content	See Weekly Course Topics								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Case Study								
Name of Lecturer(s)	Prof. Bülent ULUTAŞ, Prof. Kerem URAL								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	25
Final Examination	1	60
Assignment	3	15

Recommended or Required Reading	
1	Y. Gul. Geviş Getiren Hayvanların İç Hastalıkları (Sığır Koyun Keçi) (Genişletilmiş 3.Baskı). 2012.
2	S. Şentürk. Sığırlarda Solunum Sistemi Hastalıkları, 2011.
3	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010
4	Bradford P. Smith; Large Animal Internal Medicine, 4th Edition. Mosby, 2009
5	Radostits, Otto M. [and others], eds. Veterinary Medicine: A Textbook of the Diseases of Cattle, Sheep, Pigs, Goats and Horses. 10th ed. WB Saunders, 2007
6	Blowey, R. W., and Weaver, A. David; Color Atlas of Diseases and Disorders of Cattle, 2nd ed. Mosby, 2003
7	Apley M. Antimicrobial therapy of bovine respiratory disease. Vet Clin North Am Food Anim Pract. 1997 Nov;13(3):549-74.

Week	Weekly Detailed Course Contents	
1	Theoretical	General Examination of Respiratory System
2	Theoretical	Diseases of Nasal Cavity
3	Theoretical	Sinusitis and Sinus Diseases
4	Theoretical	Diseases of Larynx and Trachea
5	Theoretical	Viral Diseases of Respiratory System
6	Theoretical	Lung Oedema, Lung Emphysema, Clinical Classification of Pneumonia
7	Theoretical	İnterstitial Pneumonia
8	Intermediate Exam	Midterm
9	Theoretical	Aspiration Pneumonia
10	Theoretical	Contagious Bovine Pleuropneumonia
11	Theoretical	Acute Respiratory Distress Syndrome
12	Theoretical	Pleuritis and Pleural Diseases
13	Theoretical	Pneumothorax, Hydrothorax, Hemothorax
14	Theoretical	Hernia Diaphragmatica
15	Theoretical	Discussion
16	Final Exam	Final

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	3	0	15	45
Reading	14	0	2	28
Midterm Examination	1	10	1	11

Final Examination	1	15	1	16
			Total Workload (Hours)	128
			[Total Workload (Hours) / 25*] = **ECTS**	5
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Performs systemic examination of the respiratory system in ruminants.
2	Interpreting clinical and laboratory findings, and therefore making diagnosis.
3	Performs treatment and prophylaxy of respiratory diseases.
4	Knows the differential diagnosis of respiratory system diseases.
5	Knows the obligatory diseases that affect the respiratory system.

Programme Outcomes *(Internal Diseases (Veterinary Medicine) Doctorate)*	
1	Based on acquirements relevant to undergraduate and/or graduate levels, usage of associated information deeply, development of knowledge by several methods along with reaching peculior results.
2	Detecting relevant problems, establishing hypothesis against solution, acquirement of solving hypothesis within computational and experimental methods.
3	A systematic approach of evaluating and using new knowledge on related field.
4	Usage of previously known scientific methods related to field for advanced/newly known/occuring problems.
5	For Large and Small Animal Internal Medicine, taking into account the systemic clinical examination, realizing the true diagnosis for interpreting the clinical and laboratory findings, and the need to implement effective and rational treatment for taking prophylactic measures.
6	Detecting the problems related to Turkish animal husbandry related to herd health and prophylactic veterinary surgeon.
7	Reviewing and usage of all related data (field observations, scientific knowledge) for requirements.
8	Innovation in the field of science, the scientific method for a new area of development and application of a method known to have one of a new plan that for.
9	Following, evaluating, presenting and discussing the international literature in the field of Veterinary Internal Medicine.
10	Offering all kinds of development and innovation in the field of appropriate methods, the economic and social advancement of the society for contribution.

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3
P1	5	5	5
P2	4	4	4
P3	4	4	4
P4	5	5	5
P5	5	5	5
P6	5	5	5
P7	4	4	4
P8	3	3	3
P9	3	3	3
P10	5	5	5