

# RESPIRATORY SYSTEM DISEASES OF HORSES

1	Course Title:	RESPIRATORY SYSTEM DISEASES OF HORSES	
2	Course Code:	VIH6035	
3	Type of Course:	Optional	
4	Level of Course:	Third Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	2.00	
8	Theoretical (hour/week):	1.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:		
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. Engin Kennerman	
15	Course Lecturers:	Prof.Dr.Engin KENNERMAN	
16	Contact information of the Course Coordinator:	engink@uludag.edu.tr +90 224 2941207 Uludag Universitesi, Veteriner Fakültesi, Hayvan Hastanesi, İç Hastalıkları A.D. Nilüfer 16059 Bursa	
17	Website:		
18	Objective of the Course:	To become students qualified theoretically about endocrine system diseases of horses. To diagnose this diseases with the evaluating of laboratory parameters, make the differential diagnosis and to learn the treatment methods. To provide knowledge about preventive medicine	
19	Contribution of the Course to Professional Development:	Students can diagnose and treat endocrine diseases of horses.	
20	Learning Outcomes:		
		1	The student learns specific diseases of this system of equine
		2	The student learns specific diseases of this system of horses in our country
		3	The student learns to determine differential diagnosis with clinical and laboratory findings of the diseases of horses
		4	The student learns to determine current therapies of the diseases in order to consider financial conditions
		5	The student learns to determine prophylactic methods for preventing from diseases
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21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Diseases associated with calcium disorders		

2	Endocrine causes of hypocalcemia and treatment in horses	
3	Equine Cushings disease	
4	Diagnostic tests for Cushings disease	
5	Thyroid disfunction and extrathyroid factors that affect thyroid function and testing	
6	Direct and indirect diagnostic tests for thyroidal diseases	
7	Hypothyroidism in adult horses, treatment of hypothyroidism and thyroid tumors	
8	The adrenal glands; Adrenal insufficiency, hyperadrenocorticism	
9	Endocrine Pankreas; diabetes mellitus, hyperinsulinemia and hypoinsulinemia in horses	
10	Thyroid function and molecular actions of thyroid hormones	
11	Primary, secondary, renal and nutritional hyperparathyroidism	
12	Diseases associated with hypocalcemia in horses	
13	Metabolism, transport and regulation of vitamin D	
14	Magnesium disorders; physiologic role of magnesium, hormonal regulation of magnesium, hypomagnesemia and	

Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	Materials.	14	1.00	14.00
23	Assesment			
Practicals/Labs		0	0.00	0.00
Self study and preperation	R	14	1.00	14.00
Homeworks		0	0.00	0.00
Projects	0	0.00	0.00	0.00
Field Studies		2	14.00	28.00
Final Exams	1	10.00	0.00	0.00
Others		1	2.00	2.00
Contribution of Term (Year) Learning Activities to Success Grade		0.00	2.00	2.00
Total Work Load				60.00
Contribution of Final Exam to Success Grade		100.00		2.00
Total work load/ 30 hr				
ECTS Credit of the Course				2.00

Measurement and Evaluation Techniques Used in the Course	Measurement and evaluation are performed according to the Rules & Regulations of Bursa Uludağ University on Undergraduate Education.
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24	<b>ECTS / WORK LOAD TABLE</b>
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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	3	3	3	4	3	3	5	4	3	4	4	3	4	5	4	3
ÖK2	4	3	3	3	3	4	3	3	3	3	4	4	4	3	3	3

ÖK3	3	4	4	3	3	4	4	3	4	3	3	4	5	3	3	4
ÖK4	4	2	4	4	3	3	4	3	3	3	4	4	3	3	4	4
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			