AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Non-Infectious Diseases in Sheep						
Course Code	VİH631		Couse Level	Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	129 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Evaluation of important metabolic disorders, deficiency diseases, poisoning and certain clinical and laboratory findings, diagnosis, treatment and prevention in sheep.						
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. Mehmet GÜLTEKİN						

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	25
Final Examination	1	60
Assignment	4	15

Recommended or Required Reading

1	H. Batmaz. Koyun Ve Keçilerin İç Hastalıkları. Semptomdan Tanıya, Tanıdan Sağaltıma, 2012.
2	D. I. Aitken; Diseases of Sheep, 4th Edition. Wiley-Blackwell, 2007
3	Pugh D. G.; Sheep and Goat Medicine. WB Saunders, 2002
4	Radostits, Otto M. [and others], eds. Veterinary Medicine: A Textbook of the Diseases of Cattle, Sheep, Pigs, Goats and Horses. 9th ed. WB Saunders, 2000

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction Metabolism Disorders
2	Theoretical	Pregnancy Toxemia
3	Theoretical	Hypocalcemia
4	Theoretical	Hypomagnesemia
5	Theoretical	Diseases of Calcium and Phosphorus deficiency
6	Theoretical	Rachitism
7	Theoretical	Osteomalacia
8	Intermediate Exam	Midterm
9	Theoretical	Enzootic Ataxia
10	Theoretical	White Muscle Disease
11	Theoretical	Cerebrocortical Necrosis
12	Theoretical	Iron, iodine, cobalt, zinc deficiency
13	Theoretical	Approach to diagnosis in toxications
14	Theoretical	Treatment principle of non-infectious diseases
15	Theoretical	Discussion
16	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	3	0	20	60
Reading	14	0	1	14
Midterm Examination	1	10	1	11

Final Examination	1	15	1	16
			Total Workload (Hours)	129
			[Total Workload (Hours) / 25*] = **ECTS**	5

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Defines non-infectious diseases in sheep.
2	Performs effective treatment of non-infectious diseases in sheep.
3	he/she performs prophilactic measures.
4	Makes differential diagnosis of patients.
5	Determine the prognosis of patients.

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	4	4	4
P2	4	4	3
P3	4	4	4
P4	4	4	4
P5	5	5	5
P6	4	4	5
P7	4	4	4
P8	3	4	3
P9	3	4	4
P10	4	4	4