



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Neonatal Diseases in Cattle							
Course Code		ViH636		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	4	Workload	100 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Psychological and pathopsychological properties of the neonatal period, principles of anamnesis, disease sensitivity or indications related to initial period, non-infectious disease at this period ( hypoxia, life weaknesses, vitamin A and E deficiency, iron, copper, manganese, zinc, selenium, cobalt and iodine and magnesium deficiency, rachitism, water poisoning, anorexia vitulorum, abomasums ulcers, diarrhea) with bacterial, viral, mycotic and etiology of parasiter diseases, pathogenesis, clinical and laboratory diagnostics, diagnosis and treatment and/or protection.							
Course Content		See weekly course topics							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)		Prof. Hüseyin VOYVODA, Prof. Serdar PAŞA							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	60
Assignment	2	10

### Recommended or Required Reading

1	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010
2	Bradford P. Smith; Large Animal Internal Medicine, 4th Edition. Mosby, 2009
3	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
4	Blowey, R. W., and Weaver, A. David; Color Atlas of Diseases and Disorders of Cattle, 2nd ed. Mosby, 2003
5	S. Şentürk. Buzağların İç Hastalıkları (Olgu Tartışmalı ve Temelli), 2006

Week	Weekly Detailed Course Contents	
1	Theoretical	Clinical approach to neonatal period
2	Theoretical	Congenital anomalies in neonatal calves
3	Theoretical	Hypoxia caused by parturition in neonatals
4	Theoretical	Neonatal septicemia in calves
5	Theoretical	Viral diseases in neonatal calves
6	Theoretical	Bacterial diseases in neonatal calves
7	Theoretical	Parasitic and protozoa diseases in neonatal calves
8	Intermediate Exam	Midterm
9	Theoretical	Neonatal diarrhea in calves
10	Theoretical	
11	Theoretical	
12	Theoretical	
13	Theoretical	
14	Theoretical	
15	Theoretical	
16	Final Exam	

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	2	16	0	32
Reading	14	0	2	28



Midterm Examination	1	4	1	5
Final Examination	1	6	1	7
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Considers the detailed theoretic information about neonatal diseases of the cattles.
2	Make a diagnosis with clinic and laboratuary techniques
3	Applies active rational treatment of neonatal infectiousness.
4	May take precautions against the protection of the neonatal infectiousness.
5	Makes differential diagnosis of neonatal period animals.

### 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 peculiar 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/occurring 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	L4
P1	4	4	4	4
P2	4	5	5	5
P3	4	4	4	5
P4	4	4	4	5
P5	4	5	5	5
P6	5	5	5	5
P7	4	4	4	4
P8	4	4	4	4
P9	3	3	3	3
P10	5	5	5	5

