



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Diagnostic Approach to Poliuria and Polidipsia in Animals							
Course Code		VİH653		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	55 (Hours)	Theory	1	Practice	0	Laboratory	0
Objectives of the Course		To evaluate the biochemical profile of blood, serum and urine analysis for primary water balance disorders ( central diabetes insipidus, nephrogenic diabetes insipidus and psychogenic polydipsia) and other major causes of polyuria and polydipsia (Hyperadrenocorticism, chronic renal failure, pyelonephritis, piyometra) in cattle, sheep and goats, horses and dogs-cats.To evaulate blood, serum, biochemical profil and urine analysis							
Course Content		See weekly course topics							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)		Assoc. Prof. Hasan ERDOĞAN							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	35
Final Examination	1	60
Assignment	1	5

### Recommended or Required Reading

1	Larry P. Tilley, Francis W. K. Smith; Blackwell's Five-Minute Veterinary Consult: Canine and Feline, 5th Edition. Wiley-Blackwell, 2011
2	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010
3	J. D. Bonagura, D. C. Twedt; Kirk's Current Veterinary Therapy XIV: Small Animal Practice. WB Saunders, 2009
4	Nelson, Richard W., C. C.Guillermo. Small Animal Internal Medicine, 4th Edition, Elsevier Health Sciences, 2008
5	S. J. Ettinger, E. C. Feldman; Textbook Of Veterinary Internal Medicine: Diseases Of The Dog And Cat. WB Saunders, 2003
6	Nichols R. Polyuria and polydipsia. Diagnostic approach and problems associated with patient evaluation. Vet Clin North Am Small Anim Pract. 2001 Sep;31(5):833-44

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition of polyuria and polydipsia
2	Theoretical	Polyuria / polydipsia Pato-mechanism
3	Theoretical	Causing Diseases to Polyuria / polydipsia
4	Theoretical	Diagnostic Approach tothe patient with Polyuria /polydipsia
5	Theoretical	Urinary Taking Techniques
6	Theoretical	Urine Analysis
7	Theoretical	Diabetes insipidus
8	Intermediate Exam	Midterm
9	Theoretical	psychogenic polydipsia
10	Theoretical	Hyperadrenocorticism
11	Theoretical	Chronic Renal Failure
12	Theoretical	pyelonephritis
13	Theoretical	Pyometra
14	Theoretical	Interpretation of Findings to Blood serum and urine
15	Theoretical	Discussion
16	Final Exam	Final

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Assignment	1	0	10	10



Reading	14	0	1	14
Midterm Examination	1	5	1	6
Final Examination	1	10	1	11
Total Workload (Hours)				55
[Total Workload (Hours) / 25*] = <b>ECTS</b>				2
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Knows the reasons of polyuria / polydipsia in ruminants, horses, and dogs-cats
2	Describes to the disease associated with polyuria / polydipsia
3	Uses laboratory findings for differential diagnosis
4	Determine the appropriate treatment method.
5	Determine the prognosis of the patient.

### 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
P1	5	5	5
P2	4	5	4
P3	3	4	4
P4	3	5	5
P5	3	5	4
P6	3	4	4
P7	3	4	4
P8	3	4	4
P9	3	4	4
P10	2	3	2

