



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Reforms in Science							
Course Code		VIH644		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	124 (<i>Hours</i>)	Theory	1	Practice	0	Laboratory	0
Objectives of the Course		Research, review and discussion via presentation of the novelties relevant to veterinary internal medicine.							
Course Content		See Weekly Course Topics!							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	60
Assignment	6	20

Recommended or Required Reading

1	DiBartola, Stephen P. Fluid Therapy in Small Animal Practice. 4th ed. Philadelphia, W. B. Saunders, 2011
2	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010

Week	Weekly Detailed Course Contents	
1	Theoretical	Evaluation of resarching the novelties relevant to veterinary internal medicine.
2	Theoretical	Evaluation of review and discussion via presentation of the novelties relevant to veterinary internal medicine.
3	Theoretical	Reflections of novelties in human medicine onto veterinary medicine field.
4	Theoretical	Updated diagnosis and therapy methods
5	Theoretical	Approaching novel and important diseases in veterinary medicine
6	Theoretical	The usage of novel future directed monitroziation techniques
7	Theoretical	New diagnostic criterias in organ failure
8	Intermediate Exam	Midterm
9	Theoretical	New prognostic criterias in organ failure
10	Theoretical	Novel developments in antimicrobial therapy
11	Theoretical	Novel developments in antiparasitic therapy
12	Theoretical	Novel developments in antitumoral therapy
13	Theoretical	Updated scientific data relevant to treatment of endocrine disorders
14	Theoretical	Novel developments in therapy relevant to internal medicine according to animal species
15	Theoretical	Discussion
16	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Assignment	6	0	10	60
Reading	14	0	2	28
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
Total Workload (Hours)				124
[Total Workload (Hours) / 25*] = ECTS				5

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Evaluation of research, review and discussion via presentation of the novelties relevant to veterinary internal medicine.
2	Following the reflections of human medicine on to veterinary medicine
3	Use the learned information theoretical and practical
4	Evaluate innovations experimentally.
5	Transfer innovations to practice.

Programme Outcomes (*Internal Diseases (Veterinary Medicine) Doctorate*)

1	Based on acquisitions 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, acquisition 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	4	4	4
P2	4	3	3
P3	5	4	4
P4	3	3	
P5	5	4	5
P6	3	2	4
P7	3	3	3
P8	3	3	3
P9	4	4	4
P10	5	4	5

