AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Scientific Research Methods						
Course Code	VİH659		Couse Level	Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	50 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	This course aims to provide information about how scientific research is done.						
Course Content	See weekly course content						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study						
Name of Lecturer(s)	Prof. Bülent ULUTAŞ						

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

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	J. D. Bonagura, D. C. Twedt; Kirk's Current Veterinary Therapy XIV: Small Animal Practice. WB Saunders, 2009
3	Nelson, Richard W., C. C.Guillermo. Small Animal Internal Medicine, 4th Edition, Elsevier Health Sciences, 2008
4	S. J. Ettinger, E. C. Feldman; Textbook Of Veterinary Internal Medicine: Diseases Of The Dog And Cat. WB Saunders, 2003
5	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010

Week	Weekly Detailed Course Contents	
1	Theoretical	Learning research techniques
2	Theoretical	Learning research techniques
3	Theoretical	Learning research techniques
4	Theoretical	Learning research techniques
5	Theoretical	Learning research techniques
6	Theoretical	Learning research techniques
7	Theoretical	Learning research techniques
8	Theoretical	Learning research techniques
9	Theoretical	Learning research techniques
10	Theoretical	Learning research techniques
11	Theoretical	Learning research techniques
12	Theoretical	Learning research techniques
13	Theoretical	Learning research techniques
14	Theoretical	Learning research techniques
15	Theoretical	Learning research techniques
16	Theoretical	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	0	2	2
Reading	10	0	1	10
Midterm Examination	1	3	1	4

Final Examination	1	5	1	6
		Total Workload (Hours)		50
		[Total Workload (Hours) / 25*] = **ECTS**		2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Have information about source scanning.
2	Analyze resources and access to resources.
3	Can evaluate the sources.
4	Interprets the information obtained from sources.
5	Knows how to reach different sources.

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	L4	L5
P1	4	4	4	4	5
P2	5	4	5	5	4
P3	3	5	4	3	5
P4	4	4	3	4	4
P5	5	5	4	5	3
P6	4	4	5	4	5
P7	5	5	5	5	4
P8	4	4	5	4	3
P9	5	4	5	3	5
P10	4	5	4	5	4