



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Methods							
Course Code		VPT692		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	54 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Scientific research processes, definition of research problem, research hypothesis, literature review, sample selection, data collection, analysis and presentation will be discussed.							
Course Content		Scientific research processes, definition of research problem, research hypothesis, literature review, sample selection, data collection, analysis and presentation will be discussed.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Scientific Research Methods and Research Ethics
---	---

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic concepts of scientific research process I
2	Theoretical	Basic concepts of scientific research process II
3	Theoretical	Literature search I
4	Theoretical	Literature search II
5	Theoretical	Defining the problem I
6	Theoretical	Defining the problem II
7	Theoretical	Research models
8	Intermediate Exam	Midterm
9	Theoretical	Data collection I
10	Theoretical	Data collection II
11	Theoretical	Data analysis I
12	Theoretical	Data analysis II
13	Theoretical	Data presentation I
14	Theoretical	Data presentation II
15	Final Exam	Final Examination

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	4	0	3	12
Individual Work	2	0	5	10
Midterm Examination	1	0	2	2
Final Examination	1	0	2	2
Total Workload (Hours)				54
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	
2	



3	
4	
5	

Programme Outcomes (Pathology (Veterinary Medicine) Doctorate)

1	The student knows lesions of organs and tissues as well as pathological mechanisms of infectious/noninfectious diseases of especially farm and pet animals.
2	The student intensify theoretical and practical knowledge.
3	The student will learn and apply a variety of theoretical methods of diagnosis.
4	Students macroscopic and microscopic signs of diseases characterized by evaluating the clinical findings and examine the comparative.
5	
6	
7	
8	
9	
10	

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

