AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Scientific Research Methods						
Course Code	VPT563		Couse Level	Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	49 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To introduce the basic concepts of scientific research processes, to understand the importance of science and scientific research, to be informed about the scientific research process						
Course Content	Scientific research processes, literature review, problem identification, research methods, data collection tools, data analysis and presentation						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods		Explanation (Presentation), Discussion, Individual Study, Problem Solving					
Name of Lecturer(s)	Prof. Hamdi AVCI, Prof. Recai TUNCA						

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Scientific Research Methods
2	Various sources

Weekly Detailed Course Contents

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	.
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	.

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	2	1	2	6
Assignment	5	2	1	15
Reading	5	2	1	15
Midterm Examination	1	5	1	6
Final Examination	1	6	1	7
Total Workload (Hours)				49
[Total Workload (Hours) / 25*] = **ECTS**				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To know the basic concepts of scientific research processes

2	Development of research hypothesis
3	To know the importance of scientific research
4	To be informed about data collection, analysis and presentation
5	Recognize different sources of scientific research

Programme Outcomes *(Pathology (Veterinary Medicine) Master)*

1	The student knows anatomy, structure/function of organs and tissues as well as physiological mechanisms of especially farm animals.
2	
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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	4	4
P2	5	5	5	4	4
P3	5	5	5	5	4
P4	5	5	5	5	5
P5	5	5	5	4	5
P6	5	5	5	5	5
P7	5	5	5	5	4
P8	5	5	4	5	5
P9	5	5	5	5	5
P10	5	5	4	5	5