



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research and Publication Ethics							
Course Code		VPT564		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	53 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To introduce the basic concepts related to the scientific research process, to develop a hypothesis for the solution of the problem, to collect and analyze the data, to present the data in accordance with the rules of scientific writing and ethical rules							
Course Content		Scientific research process, defining the problem, determining the sample, collecting, analyzing and presenting it in accordance with scientific and ethical rules							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
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 and Research Ethics
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Week	Weekly Detailed Course Contents	
1	Theoretical	Basic concepts of research process I
2	Theoretical	Basic concepts of research process II
3	Theoretical	Determining the research topic I
4	Theoretical	Determining the research topic II
5	Theoretical	Defining the research problem
6	Theoretical	Literature review I
7	Theoretical	Literature review II
8	Intermediate Exam	.
9	Theoretical	Data collection and analysis I
10	Theoretical	Data collection and analysis II
11	Theoretical	Scientific writing rules and techniques
12	Theoretical	Presentation of data
13	Theoretical	Principles of scientific publication ethics
14	Theoretical	Ethical standards
15	Final Exam	.

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	3	0	4	12
Term Project	1	0	5	5
Individual Work	2	0	2	4
Midterm Examination	1	0	2	2
Final Examination	1	0	2	2
Total Workload (Hours)				53
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	To be able to explain scientific research and its properties
2	To be able to prepare scientific research proposal
3	To be able to apply information about ethical standards and legal limitations
4	Learning data collection and analysis techniques
5	Writing a report according to scientific writing rules

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.
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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	4	5	5	4	5
P2	4	5	5	4	5
P3	5	5	5	4	5
P4	5	5	5	5	5
P5	5	5	5	5	5
P6	4	5	5	4	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

