AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Scientific Research Methods						
Course Code		VAN645		Couse Level		Third Cycle (Doctorate Degree)		
ECTS Credit	2	Workload	53 *(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					
Name of Lecturer(s)		Prof. İlknur DABANOĞLU						

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

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	1	2	42
Final Examination	1	10	1	11
			Total Workload (Hours)	53
			[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 *(Anatomy (Veterinary Medicine) Doctorate)*

1	Doing research in any specific issues related to anatomy, planning a study, evaluating and presenting a report on the scientific area, independently.
2	To be able to improve themselves by innovations of the Anatomy
3	Sharing their concepts in seminar, symposium, conference etc. by using the skills of self study.
4	Having the scientific and vocational wafer and defending this apprehension in every medium
5	To be able to interpret what they have learned in the field of veterinary anatomy

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	4	5	3	5
P2	4	3	4	4	5
P3	5	5	5	3	4
P4	4	3	4	4	5