



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research and Publication Ethics							
Course Code		VZO536		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	56 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The objective of this course is to give information about research and ethics in publishing.							
Course Content		The purpose of this course is to introduce the ethical issues to be faced in their professional life and the necessary rules to adhere to, to the young who are candidates for a higher level by making scientific and technical researches. The old and new theories of ethics will be introduced and ethical principles of academia profession will be discussed in the dynamic nature of health science. The methodology to be used is the discussion of the many samples of problems faced in academical life and scientific researches in proffesion, with the students.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study					
Name of Lecturer(s)		Lec. Mehmet KAYA, Prof. Evrim DERELİ FİDAN							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Michael Davis, Ethics in the University, 1999. Routledge
2	Day, R.A., Bilimsel Makale Nasıl yazılır ve yayımlanır Çev. Gülay Aşkar Altay, TÜBİTAK Bilgi kitapları dizisi, 1996, Ankara

Week	Weekly Detailed Course Contents	
1	Theoretical	Scientific and technical research; introduction and general issues
2	Theoretical	Ethics, moral theories and philosophical approaches I
3	Theoretical	Ethics, moral theories and philosophical approaches II
4	Theoretical	Research profession
5	Theoretical	The responsibilities of the researcher / Document Control
6	Theoretical	Responsibilities of Researcher
7	Theoretical	Research stages
8	Intermediate Exam	Midterm Examination
9	Theoretical	What is and how to do a research
10	Theoretical	How and why a research is published
11	Theoretical	Using a laboratory, data storage and evaluation of ethics
12	Theoretical	Team work and joint publication
13	Theoretical	Arbitration and report evaluation
14	Theoretical	Evaluation of research results
15	Final Exam	Final Examination

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	1	42
Midterm Examination	1	4	2	6
Final Examination	1	6	2	8
Total Workload (Hours)				56
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				



**Learning Outcomes**

1	Basic principals of ethics
2	Evaluation of Current problems of research ethics
3	Evaluation of Legal and ethical regulations of scientific researches
4	Methods of Ethical problem solving
5	To find out and use resources about the profession in the area.

**Programme Outcomes** (*Animal Science (Veterinary Medicine) Master*)

1	Knows basic principles of animal rearing and breeding.
2	Knows physiological and morphological traits of farm animals. He/she can achieve a successful herd management by means of transferring his/her knowledge to the rural area.
3	Knows management of the animals and can take required measurements in the farm. He/She controls the productivity in the farm and keeps all farm records.
4	Knows selection and culling methods.
5	He/She can involve in all stages of production in the farm. Knows how to establish and manage of farm enterprises. He/She can help to the entrepreneurs who will enter the farm business.
6	He/She can detect and eliminate hereditary defects and problems by using his/her basic genetic knowledge.
7	Knows production traits due to his/her knowledge about hereditary principles. He/She can achieve heifer selection and determine breeding strategies for maximum production.
8	He/She can involve as an expert in scientific researches, breeding programs and judicial issues with his/her knowledge about race determination, parenthood tests, blood groups etc.
9	Knows how to reach resources and knows selection criterions of scientific researches. He/She can systematically present data. Knows statistical concepts and how to can get data, and present those as figures and tables and how to comment them. Knows different statistical methods. He/She can design a topic as a scientific paper.
10	Knows animal behaviours. Knows legal directives about animal welfare and can design some facilities such as housing, feeding, transferring and slaughtering processes according to these directives.

**Contribution of Learning Outcomes to Programme Outcomes** 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P9	3	3	3	3	3
P10	4	4	4	4	4

