



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research and Publication Ethics							
Course Code		VHB654		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	50 (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)		Prof. Özcan CENGİZ							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	70

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 (Midterm Exam)
8	Theoretical	Research stages
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 Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	1	42
Midterm Examination	1	2	2	4
Final Examination	1	2	2	4
Total Workload (Hours)				50
[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 researchs
4	Methods of Ethical problem solving
5	To find out and use resources about the profession in the area.

Programme Outcomes (*Animal Nutrition and Nutritional Diseases (Veterinary Medicine) Doctorate*)

1	Knows information about importance of forage and concentrates in basic animal nutrition for protecting animal health in scientific and technological animal production.
2	Have ability to formulate economical and full-satisfactory rations with considering product quality and health. May inform animal producers about practical/appropriate feeding methods.
3	Can adapt to recent scientific and technological developments in animal nutrition easier and produce proper strategies against to problems on this field.
4	Knows the properties of feeds used in proper and economical rations formulated due to needs of animal species.
5	Can give information to animal producers about properties of common feedstuffs used in Turkey
6	Knows organoleptic, physical diagnostic and chemical analysis methods used in determining feed quality.
7	Have information about processing and the effects of processing on animal yield.
8	Can identify the term "feed hygiene" and have information about the usage availability of contaminated feedstuffs.
9	Can apply the informations related to feed additives in a proper way.
10	Understands the results and factors decreasing production.
11	Knows the nutrition related diseases and their solution recommendations which may be applied in feeding or formulating feeds for preventing nutritonal diseases.
12	Knows about the availability level of feedstuffs after consumed and can perform digestibility trials.
13	Knows the definition of stress, stress sources and effects on health and production level of animals.
14	Have sufficient information on classification, activation and fermentation of rumen microorganisms plus carbohydrate, lipid and protein digestibility.
15	Knows the factors effecting feed intake and negative factors in feedstuffs and prevention of them.
16	Comments on feeding behaviours and related yield parameters.
17	Have information on basic terms related to feed legislation, feeds used in animal nutrition and their legal regulations.
18	Have information about biotechnological research conducted on feeds and animal nutrition.
19	Knows the effects of nutrition on food quality, fertility, immunity and parasite enfestations.

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

	L1	L2	L3
P1	5	5	3
P2	5	5	3
P3	5	5	3
P4	5	4	3
P5	5	5	3
P6		4	
P7		4	
P8		4	
P17			5

