AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Scientific Research and Publication Ethics								
Course Code	VFT564		Couse 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 publıshıng.								
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. Ferda AKAR, Prof. Murat BOYACIOĞLU								

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
8	Theoretical	What is research (Midterm Examination)
9	Theoretical	What 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 researh results
15	Final Exam	Final exam

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 promlems 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 *(Pharmacology and Toxicology (Veterinary Medicine) Master's Without Thesis)*	
1	to be able to comprehend expert knowledge on field of pharmacology and toxicology in veterinary medicine
2	to be able to define expert knowledge on interdisciplinary interaction in pharmacology and toxicology
3	to be able to formulate ideas to solve complex problems using theoretical and practical information gained throughout the pharmacology and toxicology education.
4	to be able to integrate and interpret information in the area of pharmacology and toxicology with information in different fields and, if the need arises, provides scientific information and solutions to solve problems.
5	to be able to develop and use strategies in his/her field of expertise in Master's Program of Pharmacology and Toxicology
6	to be able to comprehend methods of obtained and submitted scientific knowledge
7	to be able to analyse current information related to his/her field of expertise (scientific information, procedures etc.) and use them when necessary
8	to be able to apply technological tools in social relationships of vocational and professional environment.
9	to be able to review, evaluate and interpret any data (field observations, available scientific information etc.) towards a specific purpose.
10	to be able to comprehend expert knowledge on the function and basic pharmacological features of pharmacology and sub-branches of science, relationship between the drug and poison, pharmacokinetic, effects of the drugs, the dose-intensity and dose-effect relationship
11	to be able to identify expert knowledge on the function and basic toxicological features of poison, classifications and types of poisoning, toxicokinetic, general principles of treatment of poisoning.
12	to be able to define and use laboratory equipment in a pharmacology and toxicology laboratory.

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	4	4	4	
P2	3	3			
P3	3	3		3	
P5	5	5			
P6					5
P7					5
P9					5
P10	5	5	5	5	