



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research and Publication Ethics							
Course Code		VFT696		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	56 (<i>Hours</i>)	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. Murat BOYACIOĞLU							

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 approachesII
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/ Document Control
12	Theoretical	Team work and joint publication
13	Theoretical	Arbitration and report evaluation
14	Theoretical	Evaluation of research results
15	Theoretical	Discussion

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 promblems of research ethics
3	Evaluation of Legal and ethical regulations of scientific researchs
4	Methods of Ethical problem solving
5	To give lectures and/or presentations and discuss with professionals in the area

Programme Outcomes (*Pharmacology and Toxicology (Veterinary Medicine) Doctorate*)

1	Gains expert knowledge on field of pharmacology and toxicology in veterinary medicine and, gains expert knowledge on interdisciplinary interaction in pharmacology and toxicology
2	To be equipped with the knowledge to develop original ideas about necessary issues in the field by using of both graduate and expertise levels knowledge, to be able to develop original definitions, products and diagnostic procedures, etc. via deepening and questioning these knowledge.
3	Develops and uses strategies in his/her field of expertise in PhD Program of Pharmacology and Toxicology
4	Reviews, evaluates and interprets any data (field observations, available scientific information etc.) towards a specific purpose.
5	Gains 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.
6	Gains expert knowledge on the function and basic toxicological features of poison, classifications and types of poisoning, toxicokinetic, general principles of treatment of poisoning.
7	Can offer training to technical staff who will work in pharmacology and toxicology laboratory
8	Reach to competence to prepare courses at the undergraduate level
9	Determines and uses laboratory equipment and consumables in a pharmacology and toxicology laboratory.
10	To be able to plan an interdisciplinary project and build team for the known or new defined problems and to manage and complete such a project when necessary.
11	To share his/her knowledge in the field with others by attending at field-related or other congresses, panels, symposiums, workshops, seminars, article discussions and problem solving sessions, etc., and to contribute to the solution in the team by establishing relations with the experts in different fields.
12	To contribute the scientific knowledge in the field via publications in national and international peer-reviewed scientific journals.
13	Takes roles in vocational organizations and institution.
14	Forms ideas to solve complex problems using theoretical and practical information gained throughout the pharmacology and toxicology education.
15	To adopt lifelong learning as a principle and acknowledge that the information gained through research is the most valuable gain.
16	Knows and protects rights of ideas and industrial property (patent right)

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			
P8					5
P10	5	5	5	5	
P11					5
P14					4

