AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Scientific Research and Publication Ethics								
Course Code	MİK561		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	2	Workload	53 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	It is aimed to gain knowledge, awareness and sensitivity about the research and publication to the graduate student and to carry out researches and publications in this context.								
Course Content	The most common research ethics violations and methods of preventing them are the research ethics concept, related sub- and high-level concepts, the most controversial research topics, clinical researches, non-invasive clinical researches, how to achieve scientific validity and reliability in animal experiments, To give information and awareness about what is going to be traced.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving								
Name of Lecturer(s)	Lec. Hafize Tuğba YÜKSEL DOLGUN								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	Büken NÖ. Büken E.: “Uluslararası Araştırmalar, Araştırma Etiğinde Temel İkilemler ve Etik Kurullar” (International Researches, Fundamental Dilemmas in Research Ethics and Ethics Committees), Sendrom, Volume 20, Number 7,8: 37–47, July- August 2008.
2	Büken NÖ. “Klinik Araştırma Etik Kurulları“(Clinical Research Ethics Committees), Sendrom, 20 (3–4): 61–70, Mart-Nisan 2008.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction, purpose, expectations and sharing of resources
2	Theoretical	Research concept, biomedical research, research according to aims and methods
3	Theoretical	Lab. studies, animal experiments, clinical trials
4	Theoretical	Science and scientific ethics
5	Theoretical	The concept of research ethics and research ethics violations are the basic principles of the research ethics
6	Theoretical	Scientific misconduct, Broadcast violations, Right of Authority issues
7	Theoretical	Editorial publication (conflict of interest), Editorial ethics
8	Intermediate Exam	Midterm examination
9	Theoretical	Research subjects, researcher-subject relations
10	Theoretical	Subject selection, subject rights, subjects without qualification
11	Theoretical	Research ethics committees
12	Theoretical	Rights and Responsibilities of Related Parties of the Study
13	Theoretical	Ethical issues arising from researcher-industry relations
14	Theoretical	Evaluation and discussion of legislation related to research and publication in our country
15	Theoretical	Illuminated affirmation in the investigation

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0.5	1	21
Assignment	1	5	1	6
Reading	1	8	1	9
Individual Work	1	5	1	6
Midterm Examination	1	4	1	5

Final Examination	1	5	1	6
			Total Workload (Hours)	53
			[Total Workload (Hours) / 25*] = **ECTS**	2
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	The concepts of research and publication can define the researcher's responsibilities as to whether a research is ethically valid and reliable.
2	Clinical trials may identify ethical requirements related to non-invasive clinical trials and research trial (human / animal) in animal trials.
3	Research ethics-based evaluations of research can identify and implement the requirements that must be considered in the research project application files in the direction of the discipline of the ethics committees.
4	Internet search technics
5	To be able to use the necessary information.

Programme Outcomes *(Microbiology (Veterinary Medicine) Master)*	
1	Department has the ability to identify and apply information about bacteriology, virology, mycology and has the ability to recognize diseases about veterinary medicine.
2	Department has the ability to take the advantage of technology and has the ability to diagnose, treat and prevent the diseases by using appropriate equipments.
3	Department has the ability to analyze the epidemiological compounds of an animal population and has the ability to get precautions.
4	Department has the ability to test or analyze the diseases and has the ability to evaluate the results.
5	Department has the ability to perform, produce and conclude projects for scientific researches
6	Department has the ability to donate theoretical and practical knowledge about postgraduate students in the are of microbiology.
7	Graduate students has the ability to perform scientific researches.

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	5	4	5	5
P2	5	5	4	5	5
P3	5	4	5	5	4
P4	4	3	3	4	5
P5	3	5	5	5	3
P6	5	3	3	4	5
P7	4	5	5	5	4