AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Scientific Research and Publication Ethics								
Course Code	VST552		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	2	Workload	50 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Learning Scientific research and publication ethics								
Course Content	The aim of the course, is to inform students about the ethical principles and rules them have to obey during theis scientific research conductç te course also aims to provide the background information about the emergence of the ethical principles and discuesses their necessity through several case studies								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study								
Name of Lecturer(s)	Lec. Uğur UÇAN, Prof. Melih AKSOY								

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

Recommended or Required Reading	
1	Ethics in Science: Ethical Misconduct in Scientific Research – John D'Angelo - CRC Press; 1 edition (March 27, 2012)

Week	Weekly Detailed Course Contents	
1	Theoretical	What is scientific ethics?
2	Theoretical	Types of Scientific misconduct
3	Theoretical	Types of Scientific misconduct
4	Theoretical	Outcome of scientific misconduct
5	Theoretical	Duties and responsibilities of Peer reviewers
6	Theoretical	The effect of scientific miscundoct on public
7	Theoretical	Prevention of Scientific misconduct
8	Intermediate Exam	Midterm exam
9	Theoretical	Case study I
10	Theoretical	Case study II
11	Theoretical	Case study III
12	Theoretical	Case study IV
13	Theoretical	Case study V
14	Theoretical	Homework presentation and discussions
15	Theoretical	Homework presentation and discussions
16	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	8	1	9
Final Examination	1	12	1	13
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = **ECTS**	2
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Explain scientific method principles
2	Learns about the ethical principials and scientific conduct rules.

3	Applies scientific etchical principles.
4	Learns about scientific publishing rules.
5	Principles of scientific ethics

Programme Outcomes *(Reproduction and Artificial Insemination (Veterinary Medicine) Master)*	
1	To get knowledge about Reproduction and Artificial Insemination with theoretical lessons and practise
2	To get knowledge about reproductive systems of animals, reproductive organs and functions of these organs
3	To get knowledge about reproductive physiology of male and female animals, reproductive endocrinology, synchronisations and reproductive health
4	To get experience about diagnosis of oestrus, proper insemination time and method
5	To get experience to join reproductive scientific research, to follow scientific advances own field. To transfer all these experiences and knowledge to students and society
6	To gain ability to reach scientific references, to plan an experiment, study this experiment, evaluation of experimental results and compare this result similar experimental result
7	To get experience about cryopreservation and short term storage of sperm, examination of sperm
8	To get knowledge about reproductive biotechnology (artificial insemination, in-vitro fertilisation, freezing of sperm and embryo, embryo transfer, laparoscopic insemination). To Contribute and advance to science
9	To get knowledge about infertility, diagnosis of infertility, treatment of infertility in domestic animals especially commercial farms

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		3
P2	3				
P6		3	3	4	2
P8	4			4	2
P9	3			3	1