

SCIENTIFIC RESEARCH METHODS AND PUBLICATION ETHICS

1	Course Title:	SCIENTIFIC RESEARCH METHODS AND PUBLICATION ETHICS	
2	Course Code:	VGN5012	
3	Type of Course:	Compulsory	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	2	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	-	
12	Language:	English	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Doç. Dr. Deniz DİNÇEL	
15	Course Lecturers:	-	
16	Contact information of the Course Coordinator:	Bursa Uludağ Üniversitesi Veteriner Fakültesi Zootečni ve Hayvan Besleme / Genetik Anabilim Dalı Nilüfer/BURSA	
17	Website:	http://bilgipaketi.uludag.edu.tr/Ders/Index/1245363	
18	Objective of the Course:	Teaching students the concept of science ethics. Gaining ethical behavior skills during the preparation or presentation of scientific research / publication. By introducing ethical violations/ unethical practices; developing behavioral awareness for prevention	
19	Contribution of the Course to Professional Development:	Adoption of ethical behavior principles during the planning of scientific studies or the presentation of study results.	
20	Learning Outcomes:		
		1	The definition of science ethics and understanding its scope.
		2	Learning ethical issues in planning/projecting scientific studies
		3	Understanding the definition and scope of publication ethics. Ethics in the preparation of scientific publications
		4	Forms awareness about unethical behavior
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	General introduction to "Scientific Research and Publication Ethics", giving information about the course and its achievements.		
2	Introducing the concept and theories of ethics		

3	Definition of scientific research. Transferring the basic concepts about the content and steps of the study	
4	Definition of scientific research ethics. Ethical view in the literature review with the determination of the subject of the scientific study.	
5	Ethics in determining the research order, material and method in scientific research.	
6	General information about the definition, parts and preparation of the scientific publication	
7	Introduction to ethical principles in scientific publications	
8	Ethical principles during the preparation and submission of scientific publications to the journal (authorship and copyright issues)	
9	Ethical principles to be followed in the evaluation process of scientific publication (editing, refereeing processes)	
10	Types of unethical behavior (Piracy-plagiarism, situations involving unrealistic/non-existent results-fictional)	
11	Types of unethical behavior (multiple broadcasting, forgery)	
12	Types of unethical behavior (study / publication slicing, conflicts of interest, presentation of biased outcomes)	

Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical				
14	Cautions to prevent unethical behavior in	14	2.00	28.00
Practicals/Labs		0	0.00	0.00
Self study and preparation		10	2.00	20.00
22	Textbooks, References and/or Other	1	2.00	2.00
Homeworks		0	0.00	0.00
Projects		2	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		4	18.00	72.00
Others		0	0.00	0.00
Final Exams		5	24.00	120.00
Total Work Load				90.00
Total work load/ 30 hr		6	3.00	18.00
ECTS Credit of the Course		7		3.00
		8. Bilimsel Etik Kitabı (TODAA Türkiye Bilimler Akademisi), Edt. Ayşe Erzan 9. Yükseköğretim Kurumları Bilimsel Araştırma Ve Yayın Etiği Yönergesi. (https://www.yok.gov.tr/Sayfalar/Kurumsal/mevzuat/bilimsel-arastirma-ve-etik-yonetmeligi.aspx)		
23	Assesment			
TERM LEARNING ACTIVITIES		NUMBER	WEIGHT	
Midterm Exam		0	0.00	
Quiz		0	0.00	
Home work-project		0	0.00	
Final Exam		1	100.00	
Total		1	100.00	

Contribution of Term (Year) Learning Activities to Success Grade	0.00
Contribution of Final Exam to Success Grade	100.00
Total	100.00
Measurement and Evaluation Techniques Used in the Course	
24	ECTS / WORK LOAD TABLE

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	5	5	4	5	4	0	0	0	0	4	0	0	4	5	0	0
ÖK2	4	4	5	5	4	0	0	0	0	5	0	0	3	5	0	0
ÖK3	0	0	0	0	0	5	5	5	4	4	5	5	5	4	0	0
ÖK4	0	0	0	0	0	4	4	5	5	5	5	5	4	4	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							