

SCIENTIFIC RESEARCH AND PUBLICATION ETHICS

1	Course Title:	SCIENTIFIC RESEARCH AND PUBLICATION ETHICS	
2	Course Code:	VBH6012	
3	Type of Course:	Compulsory	
4	Level of Course:	Third 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:	None	
12	Language:	English	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. FİGEN ÇETİNKAYA	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	e-mail: fcetinkaya@uludag.edu.tr Bursa Uludağ Üniv. Veteriner Fak. Besin Hijyeni ve Teknolojisi Anabilim Dalı	
17	Website:		
18	Objective of the Course:	To teach scientific research methods, research planning and literature screening on a topic, the writing and presentation of data obtained, the actions contrary to scientific research and publication ethic.	
19	Contribution of the Course to Professional Development:	It will contribute to students academically because the lesson aims to teach scientific research methods, research planning and literature screening on a topic, the writing and presentation of data obtained, the actions contrary to scientific research and publication ethic.	
20	Learning Outcomes:		
		1	The techniques of scientific research
		2	Determination of the research issue and methods
		3	Literature screening vehicles
		4	Preparing as research article, thesis or review of scientific data
		5	Preparing as presentation (oral/poster) of scientific data
		6	The ethics and principles of scientific research
		7	Behaviors contrary to scientific publication and research ethic
		8	The common causes and examples of non-ethical behaviours
		9	
		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	The definition of science, research and scientific research		

2	Literature screening vehicles and the choice of research topic	
3	Determination of research design and method (data collection and analysis methods)	
4	Application of experiment (pilot) and main research	
5	Preparing of a scientific writing (article, thesis, announcement, review, etc.) using data obtained	
6	Publication presenting to scientific journals and publication assessment processes	
7	Oral or poster presentation techniques of data	
8	Ethic and scientific research ethic	
9	The ethic principles of scientific publication	
10	The actions contrary to scientific research and publication ethic (piracy/plagiarism, fiction/fabrication)	
11	The actions contrary to scientific research and publication ethic (multiple publication/duplication, forgery/falsification)	
12	The actions contrary to scientific research and publication ethic (salami slicing/salamization, biased publication/conflict of interest)	
13	Reasons for non-ethical behavior in scientific	

Activites	Number	Duration (hour)	Total Work Load (hour)
22 Theoretical Materials	1	2.00	2.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	2.00	28.00
Homeworks	14	2.00	28.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	0	0.00	0.00
Others	0	0.00	0.00
Final Exams	1	1.00	1.00
Total Work Load			85.00
Total work load/ 30 hr			2.83
ECTS Credit of the Course			3.00
	Hazırlama Kuralları ve Yayın Etiği, ed. H. Yazıcı, ivi. Şenocak. İ.Ü. Cerrahpaşa Tıp Fakültesi Sürekli Tıp Eğitimi Programı, Nobel, İstanbul, s.49-62, 2006.		

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	Measurement and evaluation is carried out according to the principles of Bursa uludag University Associate and Postgraduate Education Regulation.
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	3	3	4	4	5	5	3	4	5	5	4	3	0	0	0	0
ÖK2	4	3	5	4	3	5	5	3	4	4	3	3	0	0	0	0
ÖK3	3	4	5	5	3	4	3	3	4	5	4	4	0	0	0	0
ÖK4	5	4	4	3	3	4	5	5	3	4	3	4	0	0	0	0
ÖK5	2	3	3	5	4	4	5	3	3	4	5	4	0	0	0	0
ÖK6	4	4	3	4	3	3	5	5	3	4	5	3	0	0	0	0
ÖK7	3	5	4	3	3	4	4	5	5	4	3	4	0	0	0	0
ÖK8	3	3	3	4	4	4	5	4	5	5	3	5	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							