	SCIENTIFIC RESEA	ARCH	AND PUBLICATION ETHICS							
1	Course Title:	SCIENT	IFIC RESEARCH AND PUBLICATION ETHICS							
2	Course Code:	TTB602	4							
3	Type of Course:	Compuls	sory							
4	Level of Course:	Third Cy	cle							
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:	Success	fully completing the Scientific Preparation Program							
12	Language:	English								
13	Mode of Delivery:	Face to	face							
14	Course Coordinator:	Doç.Dr.	ELİF ATICI							
15	Course Lecturers:									
16	Contact information of the Course Coordinator:	Doç. Dr. Elif Atıcı Bursa Uludağ Üniversitesi Tıp fakültesi Tıp tarihi ve Etik AD elifatici@uludag.edu.tr 0530 938 50 95 0224 295 39 61								
17	Website:									
18	Objective of the Course:	e: To realize ethical rules that must be considered in the process of scientific research and publishing and the ethical-legal arrangements, to know the responsibilities of scientists, to define the requirements of a valid scientific study								
19	Contribution of the Course to Professional Development:	Planning, conducting and reporting research in accordance with ethical principles and legal regulations								
20	Learning Outcomes:									
		1	To explain the scientific research process and its features							
		2	To realize the basic ethical principles in scientific research and publication ethics in medicine							
		3	To apply the ethical rules to the scientific knowledge production stages							
		4	To know the responsibilities of scientist							
		5	To identify unethical behavior in scientific research and publication							
		6	To comprehend ethical and legal rules regarding scientific research and publishing							
		7								
		8								
		9								
		10								
21	Course Content:									
		Co	ourse Content:							
	Theoretical		Practice							
1	Basic concepts: science, scientific the scientific method	ought,								

2	Scientific ethics, basic principles				
3	Scientific knowledge production stage ethic	es and			
4	History of experimental research				
5	Ethical rules in human research				
6	Use of experimental animals in scien research	tific			
7	Research Ethics Committees				
8	Unethical behavior in publishing: sciemisconduct, sloopy research, scientif				
9	Plagiarism, fabrication, falcification, duplication, slicing				
10	Authorship right, reference usage rule conflict of interest				
11	Examination of the legal legislation re research and publication ethics				
12	Examination of ethical statements on research and publication ethics				
13	Student presentations, discussion				
14	Student presentations, discussion				
22 Activit	Textbooks, References and/or Other Materials:		Ankara Üniversite	Gül TB. Bilim Etiği ve Bili esi Basımevi: Ankara, 200 ada Etik ve Sorunları Tür Duration (hour)	9. kive Bilimler
Theore	etical	R	14	1.00	14.00
	als/Labs		0	0.00	0.00
	udy and preperation	0	0.80	0.00	0.00
Homev			2	5.00	10.00
Pival E		1	60 ₀ 00	0.00	0.00
Field S	itudies		0	0.00	0.00
MANTEIP	พน่อลูคุรTerm (Year) Learning Activitio	es to	4000	0.00	0.00
Others	ss Grada		0	0.00	0.00
Final E	oution of Final Exam to Success Grade Exams	3	00,00	5.00	5.00
	Vork Load				29.00
Masu	гелофамую Бууaluation Techniques Us	sed in the	written exam, per	formar ce evaluation	0.97
ECTS	Credit of the Course				3.00
25	1		RNING OUTCO	DMES TO PROGRAM	име

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	2	0	0	4	0	0	0	0	0	0	0	0	0	0	0	3
ÖK2	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	3
ÖK3	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	3
ÖK4	0	0	0	5	0	0	0	0	0	0	0	0	0	3	0	3

ÖK5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	3
ÖK6 0 0 5 0 0 0 0 0 0 0 0 0 0 0 3 LO: Learning Objectives PQ: Program Qualifications											3					
Contrib 1 very low 2 low ution Level:							3 1	Medi	um	4 High			5 Very High			