PHILOSOPHY OF MODERN SCIENCE I									
1	Course Title:	PHILOS	OPHY OF MODERN SCIENCE I						
2	Course Code:	FEL6117							
3	Type of Course:	Optional							
4	Level of Course:	Third Cy	cle						
5	Year of Study:	1							
6	Semester:	1							
7	ECTS Credits Allocated:	4.00							
8	Theoretical (hour/week):	2.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:								
12	Language:	Turkish							
13	Mode of Delivery:	Face to f	ace						
14	Course Coordinator:	Prof. Dr.	IŞIK EREN						
15	Course Lecturers:	Prof. Dr.	ABDÜLKADIR ÇÜÇEN						
16	Contact information of the Course Coordinator:	Kadir@uludag.edu.tr; Uludag Üniversitesi Felsefe Bölümü Fen-Edebiyat Fakültesi, 16059 Görükle, Bursa - Türkiye. Tel: +90 224 2941826							
17	Website:								
18	Objective of the Course:	scientific	burse it is aimed at making survey of the characteristics of knowledge in both natural and human sciences as well as sion and main problems.						
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1	To be able to explain the fundemental problems of philosophy of science.						
		2	To be able to explain philospohical fundations of distinct of sciences.						
		3	To be able to develop debate about scientific criteria.						
		4	To be able to explain results of absolute positivism and knowing critics about this						
		5							
		6							
		7							
		8							
		9							
		10							
21	Course Content:								
Mode	Theoretical	urse Content: Practice							
vveek 1	Attempts to find an answer to the que	astion:	Fractice						
	"What is Science?"	osuon.							
2	Philosophy of Pierre Duhem								
3	Theories as dictionary								

4	Theory-ladenness of observation and experiment	I									
5	Philosophy of Émile Meyerson										
6	Pre-conceived ideas in science										
7	Ineffaceableness of ontology in scien	се									
8	Philosophy of Alexandre Koyré										
9	Irrational elements in science										
10	A priori elements in science										
11	Scientific revolution										
12	The theory precedes the experiment										
13	The theory precedes the experiment continued	-									
14	Evaluation										
22	Textbooks, References and/or Other Materials:		Ha 2. Bil 3. Fe 4. An 5. Ya	1. Ayer, Alfred J., Dil, Doğruluk ve Mantık, (Çev. Vehbi Hacıkadiroğlu), İstanbul: Metis Yayınları, 1998 2. Güzel, Cemal (Ed.). Sağduyu Filozofu: Popper, Ankara: Bilim ve Sanat Yayınları, 1996 3. Güzel, Cemal (Ed.). Bir Bilgi Anarşisti: Paul Feyerabend, Ankara: Bilim ve Sanat Yayınları, 1996 4. Güzel, Cemal (Ed.). Çoğulculuğun Kuramcısı: Lakatos, Ankara: Bilim ve Sanat Yayınları, 1999 5. Güzel, Cemal, Bilim Felsefesi, Ankara: Kırmızı Yayınları, 2010. 6, Kabadavı. Talip. Yanlıslanabilirlik Ölcütüne Yönelik							
Activit				Number	Duration (hour) Total Work Load (hou						
Theore	ical		8 Kabadayı, Talip, Duhezhûlen Laudan'a Çazıdaş Bilim								
Practic	als/Labs		(0	0.00	0.00					
Self stu	dy and preperation		Ku		uluş Dinçer), Ankara4,@öndoğan Yayınlanı, 1994						
Homew	vorks			5	1.00	5.00					
Project	S		19	70 Kuba Thomas S. Th	0.00	0.00					
Field S	tudies		(0	0.00	0.00					
Midtern	n exams		12	1 Kuhn, Thomas S. "L		ery of Psinghology of					
Others			(0	0.00	0.00					
Final E	kams		Ur	piversity Press, 1979	16.00	16.00					
	Vork Load					120.00					
Total w	rork load/30 hr	K NOWRF	WE	EIGHT		4.00					
ECTS (Credit of the Course					4.00					
Quiz 0				0.00							
Home work-project 5				20.00							
Final Exam 1				50.00							
Total 7				100.00							
	oution of Term (Year) Learning Activitiess Grade	es to	50	50.00							
Contrib	oution of Final Exam to Success Grade)	50	50.00							
Total			10	100.00							
Measui Course	rement and Evaluation Techniques Us	sed in the									
24	ECTS / WORK LOAD TABLE										

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	4	4	5	5	4	3	3	4	4	4	3	3	4	3	0	0
ÖK2	4	4	4	3	3	4	5	5	5	5	3	3	3	4	0	0
ÖK3	3	4	4	4	5	3	3	3	4	4	5	5	3	4	0	0
ÖK4	4	4	4	3	5	4	4	4	4	3	5	5	5	3	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:		7	2 low		3 Medium			4 High				5 Very High				