	NATURE SCIEN		ID HISTORY OF SCIENCE							
1	Course Title:	NATURE	SCIENCE AND HISTORY OF SCIENCE							
2	Course Code:	FEN210	1							
3	Type of Course:	Optional								
4	Level of Course:	First Cyc	le							
5	Year of Study:	2								
6	Semester:	3								
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	face							
14	Course Coordinator:	Prof. Dr.	Salih Çepni							
15	Course Lecturers:									
16	Contact information of the Course Coordinator:	cepnisali	ih@yahoo.com							
17	Website:									
18	Objective of the Course:	The aim of this course is to examine the development and characteristics of science education students and to learn; to reflect and reflect on the thoughts of science and scientific knowledge in historical terms; understand the importance and place of science and scientific knowledge in science and technology programs.								
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	To be able to define knowledge and nature of science							
		2	To be able to explains the dimensions of the nature of science by examples from the history of science							
		3	To be able to understands the outcomes and their meanings in the science curricula about the history and the nature of science							
		4	To be able to question events in a scientific way.							
		5	To be able to use scientific thinking and inquiry in teaching career.							
		6	To be able to know scientist: Galileo, Newton, Einstein etc.							
		7								
		8								
		9								
		10								
21	Course Content:									
		Co	ourse Content:							
Week	Theoretical		Practice							
1	What is the nature of science?									
2	Characteristics of scientific knowledge	ge								

3	The purpose of the history of science and development																			
4	Science in Egypt and Mesopotamia																			
5	Scie	Science in Antiquity																		
6	Scie	Science in the Hellenistic period																		
7	Scie	Science in the Romans																		
8	Mid-	Term	าร																	
9	The	natu	re of I	Mediev	val ide	ea														
10	Scie	nce i	n the	Islami	c wor	ld														
11	Islamic science and the decline of the western impact causes																			
12	Scho	olasti	c peri	od sci	ence															
13	Rena	aissa	ince a	ind mo	odern	scienc	е													
14	Finals																			
22	Textbooks, References and/or Other Materials:							Yıl	Yıldırım, C. (2008). Bilim Tarihi, Ankara: Remzi Kitabevi.											
									Dc Bil	Doğan, N., Çakıroğlu, J., Bilican, K. & Çavuş, S. (2009). Bilimin Doğası ve Öğretimi, Ankara: Pegem Akademi.										
23	Asse	esme	nt						1.4/											
TERML	-EARI	NING	ACTI	VIIIES	•		F	S NOWRE		WEIGHT										
Midtern	n Exa	m					1		40	.00										
Activit	Activites									Numb	er		Dura	ition (hour)	Total Work Load (hour)				
	tical))		14			2.00	2.00 28.00						
Practica	als/La	abs						/		0			0.00		0.00					
Selfcets	Self at your of the form (1 out) Lourning to the to								Τţ	12				4.00			48.00			
Homew	vorks								ŕ	12			3.00			36.00				
Project	S								16	100.00				0.00			0.00			
Field S	ield Studies									0			0.00	0.00			0.00			
Course	diarm exams									1				1.00			1.00			
Others	hers									0						0.00				
Final E	inal Exams									1						1.00				
Total W	Total Work Load															114.00				
Total work load/ 30 hr									_	3.80										
ECTS	ECIS Credit of the Course														·	4.00				
25	5 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																			
	F	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16			
ÖK1	4	4	4	0	2	3	0	0 ()	3	0	0	1	0	0	0	0			
ÖK2	2	2	5	0	2	2	0	0 (0	2	0	0	2	0	0	0	0			
ÖK3	3	3	3	0	3	0	0	0	0	3	0	2	2	0	0	0	0			
ÖK4	C)	4	2	4	3	0	0	2	1	2	1	4	Δ	0	1	0			

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