

HISTORY OF SCIENCE I

1	Course Title:	HISTORY OF SCIENCE I
2	Course Code:	FLS 0525
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	2
6	Semester:	4
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:	No
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Dr. Öğr. Üyesi VEHBİ METİN DEMİR
15	Course Lecturers:	Prof. Dr. A. Kadir ÇÜÇEN
16	Contact information of the Course Coordinator:	Dr. Öğretim Üyesi V. Metin Demir vmetindemir@uludag.edu.tr Uludag University, Faculty of Sciences and Arts, Department of Philosophy, Gorukle Campus, Bursa - Turkey Tel: +90 224 2941826
17	Website:	
18	Objective of the Course:	To investigate from a philosophical point of view, science, scientific reasoning and scientific change in the light of the development of science in history.
19	Contribution of the Course to Professional Development:	It is an elective subject in field knowledge and is important for professional development as it is a course that focuses on scientists and scientific developments in the history of science.
20	Learning Outcomes:	
	1	To see and think about the practice of science in the historical process.
	2	To understand the change and development process of science in regard with civilizations
	3	To understand the living conditions of the scientists and their relations of producing science.
	4	To explain science with regard to the living conditions and political, economical structure of the period.
	5	To grasp the structure and thought behind the scientific discovery.
	6	To acquire the consciousness of the necessity of science
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	Introduction to History of Science	
2	Science in Ancient Civilizations	

3	Knowledge in Assyrians, Babylon	
4	To explain the scientific developments in the civilization of Ancient Greece	
5	Ancient Greek Science: Aristotle	
6	Science in Hellenistic World	
7	Indian Science	
8	Chinese Science	
9	Scientific activities in Roman Empire	
10	Science and Reserach in Christian Middle Age	
11	Science in İslamic Civilization	
12	Science in İslamic Civilization II	
13	Scientific Mind in Renaissance	
14	The formation of modern science	

22	Textbooks, References and/or Other Materials:	Colin A. Ronan: Bilim Tarihi: Dünya Kültürlerinde Bilimin Tarihi ve Gelişimi, çev: Ekmelettin İhsanoğlu ve Feza Günergün, Tübitak, 2003.
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23	Assesment	
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TERM LEARNING ACTIVITIES		NUMBER	WEIGHT			
Midterm Exam		1	30.00			
Quiz		0	0.00			
Activites			Number	Duration (hour)	Total Work Load (hour)	
Theoretical			3	10.00	2.00	28.00
Practicals/Labs			0	0.00	0.00	0.00
Self study and preperation			5	4.00	20.00	20.00
Homeworks			3	10.00	30.00	30.00
Total Projects			4	8.00	32.00	32.00
Field Studies			0	0.00	0.00	0.00
Midterm exams			1	5.00	5.00	5.00
24 ECTS / WORK LOAD TABLE						
Others			0	0.00	0.00	0.00
Final Exams			1	5.00	5.00	5.00
Total Work Load					120.00	120.00
Total work load/ 30 hr					4.00	4.00
ECTS Credit of the Course					4.00	4.00

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	0	0	2	0	0	0	2	0	4	0	3	0	0	0	0	0
ÖK2	0	0	1	0	0	0	1	0	3	0	4	0	0	0	0	0
ÖK3	0	0	2	0	0	0	1	0	4	0	3	0	0	0	0	0
ÖK4	0	0	2	0	0	0	2	0	4	0	4	0	0	0	0	0

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