AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	History of Sciences								
Course Code	SBE564		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	5	Workload	120 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	The course of the past to the present day, scientific studies have been successful in the areas of science have contributed to the development and introduce the parties together with the contributions.								
Course Content	What is scıence? Middle Ages in Europe, the intellectual structure of science in pre-Islamic Turks, which produces science centers in Europe and the Islamic world, and scientists, the scientific developments in the Islamic World, Europe, the Renaissance, the scientists' contribution to the Reform movement and the Muslim Turks of the Ottoman Empire, science,								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	60
Assignment	1	10
Term Assignment	1	10

Recommended or Required Reading	
1	Topdemir, H. G., Unat, Y. 2008; Bilim Tarihi, Pegema Yayıncılık, Ankara
2	İhsanoğlu, E., Günergün, F. 2003; Bilim Tarihi, Tübitak, Ankara
3	Çepni, S., Ayvacı, H. Ş., Bacanak, A. 1999; Fen Teknoloji ve Toplum, Celepler matbaacılık, Trabzon

Week	Weekly Detailed Course Contents	
1	Theoretical	definition of science, purposes, characteristics, development and evolution
2	Theoretical	history of science, philosophy of science, philosophical approaches to the development of science and their effects
	Preparation Work	Topdemir, H. G., Unat, Y. 2008; Bilim Tarihi, Pegema Yayıncılık, Ankara
3	Theoretical	epistemology, ontology, the nature of scientific concepts
4	Theoretical	how knowledge, scientific knowledge and its properties
5	Theoretical	The concept of asset
6	Theoretical	scientific method, scientific thinking, scientific inquiry
	Preparation Work	İhsanoğlu, E., Günergün, F. 2003; Bilim Tarihi, Tübitak, Ankara
7	Theoretical	science and society, science, sociology and anthropology, science, ethics
8	Theoretical	science is the first time, scientists in Mesopotamia
9	Intermediate Exam	MIDTERM EXAM
10	Theoretical	science in ancient India
11	Theoretical	science in ancient China
12	Theoretical	science in ancient European
13	Theoretical	science in ancient Greek
	Preparation Work	Çepni, S., Ayvacı, H. Ş., Bacanak, A. 1999; Fen Teknoloji ve Toplum, Celepler matbaacılık, Trabzon
14	Theoretical	science in ancient Egypt
15	Theoretical	science in ancient Egypt
16	Final Exam	FINAL EXAM

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42

Assignment	2	1	2	6
Term Project	7	0	8	56
Midterm Examination	1	7	1	8
Final Examination	1	7	1	8
			Total Workload (Hours)	120
			[Total Workload (Hours) / 25*] = **ECTS**	5
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	grasp the basic characteristics of science
2	According to age the living know that scientific studies
3	scientific discoveries, inventions behold
4	scientific studies to understand its contributions to society
5	scientific studies to understand its contributions to society

Programme Outcomes *(Social Studies Education Master)*	
1	To be able to gain subject knowledge of profession in theory and practice in the learning process.
2	To be able to make plans related to the subject-matter and gain the competence of using the appropriate approach, strategy, technique for the plans in the learning process
3	To be able to gain teaching skills of the profession throughout the learning process.
4	To be able to implement teaching profession knowledge, skills, attitudes and habits related to the subject-matter in a real teaching and learning environment in the learning process
5	To be able to comprehend contemporary approaches of education and the philosophies they are based on.
6	To be able to gain the basic skills such as comprehending, expressing, commenting, evaluating, being aware and enterprising, communicating, acknowledging the individual related to the subject-matter.
7	To be able to be individuals faithful to the Principles and Revolutions of Ataturk, modern democratic, secular, protecting and deveoping one's country, being alive to the nation, respecting human rights, preserving the nature, not being discriminatory, giving importance to the traditions and customs, protecting the values
8	To be able to improve oneself in terms of sport, art and culture.
9	To be able to be individuals believing in lifelong learning
10	To be able to educate individuals who keep up with developments in social, economic, technological and scientific areas, who investigate the main reasons of World problems and try to contribute to the solution of these problems.

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4
P1	4		4	
P2	4	3	3	4
P3		4		3
P4	3			