

# SOCIOLOGY OF SCIENCE

1	Course Title:	SOCIOLOGY OF SCIENCE
2	Course Code:	SSY3004
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	6
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Dr. MİHRİBAN ŞENSES
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	Uludağ Üniversitesi Fen-Edebiyat Fakültesi Sosyoloji Bölümü Tel: 0224-294-18-51 mihri@uludag.edu.tr
17	Website:	
18	Objective of the Course:	To look for some answer questions on scientific knowledge and science such as: Is it possible to make sociological analysis of science and scientific knowledge? What are the social bases of scientific knowledge? To discuss with students on science as an institution; science as fact and theory; science as practice.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Understand the basic concepts of the field
	2	Have information about examples and applications of field in Turkey
	3	Understand relationships between the field and other disciplines of sociology and recognise relevance to social processes
	4	To acquire analyzation ability to experienced social processes
	5	To acquire the ability to follow main debates in field and to compare with other examples in the world
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21	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice
1	Is it possible sociology of science and scientific knowledge?	

2	Contemporary meta-disciplines: Philosophy of science, sociology of science and anthropology of science	
3	History of modern science and the rise of the sociology of science	
4	Positivism as an ideology of science	
5	Positivism and its critics: Popper, Feyerabend and Kuhn	
6	Science as an institutions	
7	Science as a community +Midterm	
8	Science in its social context: Sociology of science	
9	Reason, experiment and observation as a social phenomena	
10	Science in action: Laboratory Life	
11	Scientific controversies in the history of science	
12	Science in the contemporary world	
13	Important approaches in the sociology of science	
14	Science in Turkey: The controversy of nerium oleander	

22	Textbooks, References and/or Other Materials:	Toulmin, Stephen, Kozmopolis, Paradigma, 2002. Arslan, Hüsamettin, Epistemik Cemaat, Paradigma, 2007.		
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical		14	3.00	42.00
Practicals/Labs		0	0.00	0.00
Self study and preparation			25.00	25.00
Homeworks		1	20.00	20.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		1	30.00	30.00
Others		0	0.00	0.00
Final Exams		1	30.00	30.00
Contribution of Term (Year) Learning Activities to		40.00		
Total Work Load				147.00
Contribution of Final Exam to Success Grade		60.00		4.90
ECTS Credit of the Course				5.00

Measurement and Evaluation Techniques Used in the Course		
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24	<b>ECTS / WORK LOAD TABLE</b>
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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	4	4	3	3	4	3	3	2	5	4	4	2	0	0	0	0
ÖK2	4	4	3	3	4	3	3	2	5	4	4	2	0	0	0	0
ÖK3	4	3	3	3	4	3	3	2	5	4	3	2	0	0	0	0

ÖK4	4	4	3	3	4	3	3	2	5	4	4	2	0	0	0	0
ÖK5	4	4	3	3	4	3	3	2	5	4	4	2	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							