SCIENTIFIC RESEARCH METHODS

1	Course Title:	SCIENTIFIC RESEARCH METHODS	
2	Course Code:	IMD5109	
3	Type of Course:	Optional	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	1	
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:	none	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Doç. Dr. ORHAN BOZKURT	
15	Course Lecturers:	Doç.Dr. Orhan BOZKURT	
16	Contact information of the Course Coordinator:	obozkurt@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	The course aims to give the students the necessary skills and knowledge for conducting scientific research in the field of social sicences. In this sense, the course introduces the student with the rules and principles of making a scientific research design, managing the required literaure review, conducting field work and presenting research findings.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Able to understand knowledge and science concepts
		2	Able to dominate of basic scientific concepts such as hypothesis, theory, scientific law, case observation, induction and deduction.
		3	While scientific research, the most efficient way able to take advantage library, internet, laboratories, the visual and written sources.
		4	Able to plan scientific research process.
		5	Able to use the survey is an effective technique for data collection.
		6	Converting the output of scientific research (thesis, article, project, etc.).
		7	'' Bibliography'' show the methods to create the framework of the source.
		8	Able to prepare a research proposal.
		9	
		10	
21	Course Content:		
	Course Content:		
Week	Theoretical	Practice	

1	The aim of the course is presenting content, resources, and wrought.	
2	What is the scientific research and the scientific method?	
3	Types of Research (Design and Methods), and Ethics.	
4	What is the research problem, how determined? Hypothesis, purpose, asumptions, limitations, definitions, applications, application table, I'm starting to do research application table.	
5	Of the literature and access to scientific knowledge - information sources, the use of the library and on-line data bases.	
6	Sampling methods in research.	
7	Scientific research Measurement, Validity and Reliability.	
8	Data collection tools: the survey.	
9	Data gathering tools: observation, interview.	
10	Academic Writing-reporting.	
11	Academic Writing-reporting.	
12	Thesis writing Rules and examination of parts of the thesis	
13	What is article and how to prepare	
14	How to prepare a research project?	
15	Materials:	Birsen Gökçe, Toplumsal Bilimlerde Araştırma, 5. basım, Ankara: Savaş Yayınevi, 2007.
16	Materials:	basım, Bursa: Ekin Yayınevi, 2012. Referanslar:
17	Materials:	basım, İstanbul: Güzem Yayınları, 1995. Niyazi Karasar, Bilimsel Araştırma Yöntemleri, Ankara:
18	Materials:	Şener Büyüköztürk ve Diğerleri, Bilimsel Araştırma Yöntemleri, Ankara: Pegem Yayıncılık, 2011

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	3.00	42.00
Homeworks	0	0.00	0.00
Projects	1	26.00	26.00
Field Studies	0	0.00	0.00
Midterm exams	0	0.00	0.00
Others	0	0.00	0.00
Final Exam	1	40.00	40.00
Total Work Load			150.00
Total work load/ 30 hr			5.00
ECTS Credit of the Course			5.00

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	0	0.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	100.00
Total	1	100.00
Contribution of Term (Year) Learning Activities to Success Grade		0.00
Contribution of Final Exam to Success Grade		100.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		

24	**ECTS / WORK LOAD TABLE**

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	4	0	4	3	0	4	4	5	3	4	0	0	0	0
ÖK2	3	3	4	4	4	3	3	4	4	4	3	4	0	0	0	0
ÖK3	0	0	0	4	0	5	0	0	0	5	0	5	0	0	0	0
ÖK4	4	0	5	0	4	0	5	0	4	5	5	5	0	0	0	0
ÖK5	4	0	0	4	0	0	0	4	0	5	0	5	0	0	0	0
ÖK6	0	0	3	0	0	0	4	0	5	0	5	0	0	0	0	0
ÖK7	3	0	0	0	0	3	0	0	0	4	0	5	0	0	0	0
ÖK8	3	4	0	0	4	0	3	5	4	4	3	5	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	**1 very low**		**2 low**		**3 Medium**			**4 High**			**5 Very High**					