

SCIENTIFIC RESEARCH METHODS

1	Course Title:	SCIENTIFIC RESEARCH METHODS	
2	Course Code:	ARK3070	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	3	
6	Semester:	6	
7	ECTS Credits Allocated:	3.00	
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 face	
14	Course Coordinator:	Prof. Dr. DERYA ŞAHİN	
15	Course Lecturers:	Prof.Dr. Mustafa Şahin, Prof. Dr. İ.Hakan Mert, Doç. Dr.Derya Şahin	
16	Contact information of the Course Coordinator:	Uludağ Üniversitesi Fen-Edebiyat Fakültesi Arkeoloji Bölümü Görükle- Bursa 16059 0.224.2941892/ e-mail: dsahin25@hotmail.com	
17	Website:		
18	Objective of the Course:	Introducing the scientific research methods, outline planning, bibliography, footnote, and preparation of information form.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	To make independent research and to know an ethic of publication
		2	To be able to read and assessment the sources
		3	To be able to prepare outline
		4	To be able to use online books and journals
		5	To be able to use knowledge of pictures and graphics in a scientific publish correctly.
		6	To be able to give bibliography correctly
		7	To be able to use scientific language correctly
		8	To be able to use footnotes and abbreviations correctly
		9	To be able to prepare scientific presentation and present it correctly.
		10	To be able to write a scientific paper.
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	The method of Archaeology		
2	How to choose a research topic and how is the ethics of science		
3	To prepare a catalog and documentation before look for sources		

4	How to search literature in a library or online	
5	Important abbreviation in "Arkaeologische Anzagier" and "American Journal of Archaeology" and their editorial policy.	
6	Footnote and abbreviation	
7	Writing a summary and abstract.	
8	Writing a foreword and epilogue.	
9	Analysis on an example article.	
10	Writing an example archaeological report.	
11	Writing an example archaeological report.	
12	Preparing an oral presentation.	
13	Student presentations.	
14	Student presentations.	

22	Textbooks, References and/or Other Materials:	Field, A. ve Hole, G. (2008). How to design and report experiments. Los Angeles: Sage. Hernon, P. ve Schwartz, C. (2007). What is a problem statement? (Editorial). Library & Information Science Research, 29, 307-309. Kaptan, S. (1995). Bilimsel araştırma ve istatistik teknikleri. 10. bs. Ankara: Tekişik. Karasar, N. (2004). Araştırmalarda rapor hazırlama. 12. Bs. Ankara: Nobel Yayın Dağıtım
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Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	17	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	2.00	28.00
Homeworks	1	10.00	10.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	10.00	10.00
Quiz	0	0.00	0.00
Others	0	0.00	0.00
Final Exams	1	20.00	20.00
Total Work Load			96.00
Total work load/ 30 hr			3.20
Contribution of Term (Year) Learning Activities to ECTS Credit of the Course	40.00		3.00

Contribution of Final Exam to Success Grade	60.00
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	1	1	1	1	3	1	1	1	5	1	1	1	0	0	0	0

ÖK2	1	1	1	1	1	1	1	5	4	1	1	1	0	0	0	0
ÖK3	1	1	1	1	1	1	1	1	4	1	1	1	0	0	0	0
ÖK4	1	1	1	1	1	1	1	5	4	1	1	1	0	0	0	0
ÖK5	1	1	1	5	1	1	1	1	4	1	1	1	0	0	0	0
ÖK6	1	1	1	1	1	1	1	3	4	1	1	1	0	0	0	0
ÖK7	1	1	1	1	1	1	1	4	4	1	1	1	0	0	0	0
ÖK8	1	1	1	1	1	1	1	1	4	1	1	1	0	0	0	0
ÖK9	1	1	1	4	4	4	5	5	4	1	1	3	0	0	0	0
ÖK10	1	1	3	4	3	1	1	5	4	1	1	3	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
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