

RESEARCH METHODS IN GEOGRAPHY

1	Course Title:	RESEARCH METHODS IN GEOGRAPHY	
2	Course Code:	COG4015	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	7	
7	ECTS Credits Allocated:	5.00	
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. ALİ YİĞİT	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	Doç. Dr. Ali Yiğit	
17	Website:		
18	Objective of the Course:	To teach the basic information about the research methods of geography, research methods and techniques.	
19	Contribution of the Course to Professional Development:	Giving basic information and techniques about subject selection, theoretical framework, literature review, research design in scientific research in the field of geography	
20	Learning Outcomes:		
		1	Geography science; explains the definition and its subject;
		2	Knows the preliminary concepts and terms of geography;
		3	Knows the research methods, data sources and various research techniques used by geography;
		4	Explains with examples and various applications how the principles used by geography, especially distribution, causality and relevance, are used in geography research;
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Science, research, geographical research		
2	Development of geographic thought and paradigms		
3	Theoretical framework and intellectual approaches of research in geography		

4	Determination and planning of the research topic in geography	
5	Literature review and evaluation in geographical research	
6	Designing a study in geography	
7	Importance of measurement level of variables in geography	
8	Unit of analysis, measurement, variable and spatial scale in quantitative research	
9	Data collection techniques in quantitative research: statistics, survey, observation and document review, interview/interview	
10	Spatial statistical techniques	
11	Map making, remote sensing and geographic information systems	
12	Collection and analysis of quantitative data on geography	
13	Reporting of geographical research and academic writing rules	
14	Future of geographic research, case studies	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	6.00	84.00
Homeworks	1	30.00	30.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	1.00	1.00
Others	0	0.00	0.00
Final Exams	1	1.00	1.00
Total Work Load			145.00
Total work load/ 30 hr			4.80
ECTS Credit of the Course			5.00

22	Textbooks, References and/or Other Materials:	Altunışık, R., Coşkun, R., Bayraktaroğlu, S. ve Yıldırım, E. (2012) Sosyal Bilimlerde Araştırma Yöntemleri: SPSS Uygulamalı, Sakarya Kitabevi, Adapazarı. Arı, Y ve Kaya, İ. (Ed.), (2014). Coğrafya Araştırma Yöntemleri. Coğrafyacılar Derneği Yayınları, Balıkesir. Bal, H. (2016). Nitel Araştırma Yöntem ve Teknikleri, Sentez Yayıncılık. Tanrıöğen, A. (2014). Bilimsel Araştırma Yöntemleri, Anı Yayıncı Büyüköztürk, Ş., Çakmak, E.K., Akgün, Ö.A., Karadeniz, Ş. ve Demirel, F. (2013) Bilimsel Araştırma Yöntemleri, 14. Baskı, Pegem Akademi Yayınları, Ankara. Clifford, N.J., Valentine, G. (Eds), (2008) Key methods in geography, London: Sage. Erkuş, A. (2012). Bilimsel Araştırma Süreci, Seçkin Yayıncılık. Gomez, B., Jones III, P.J. (Eds), (2010) Research methods in geography, West Sussex: Wiley. İslamoğlu, A.H. ve Alnıaçık, Ü. (2016). Sosyal Bilimlerde Araştırma Yöntemleri, Beta Yayınları. Karasar, N. (2014). Bilimsel Araştırma Yöntemi, Nobel Yayınevi. Kuş, E. (2009) Nicel – Nitel Araştırma Teknikleri, Anı Yayıncılık, Ankara. Montello, Daniel R; Paul C. Sutton, (2006), An Introduction to Scientific Research Methods in Geography, Sage, Thousand Oaks. Neuman, W. L. (2010) Toplumsal Araştırma Yöntemleri: Nitel ve Nicel Yaklaşımlar, Cilt 1, Çev. Sedef Özge, Yayınodası Yayınları, İstanbul. ÖZGÜÇ, N.-TÜMERTEKİN, E. 2000, Coğrafya; Geçmiş, Kavramlar, Coğrafyacılar; Çantay Kitabevi, İst. Punch, K. F. (2005) Sosyal Araştırmalara Giriş: Nicel ve Nitel Yaklaşımlar, Çev. Dursun Bayrak, H. Bader Arslan ve Zeynep Akyüz, Siyasal Kitabevi, Ankara. TÜMERTEKİN, E, 1990, Çağdaş Coğrafi Düşüncenin oluşumu ve Paul Vidal de la Blache. İst. Üniv. Ed. Fak. Yay. No: 3603 İst. Yıldırım, A. ve Şimşek, H. (2008) Sosyal Bilimlerde Nitel Araştırma Yöntemleri, 7. Baskı, Seçkin Yayınları, Ankara. A.KURTER, Y.HOŞGÖREN, Jeomorfoloji Tatbikatı, İÜ. Edb.Fak,Yay.1944, İst.1983 ÖZGÜÇ N., Beşeri Coğrafya'da Veri Toplama ve Değer. Yöntemleri, İ.Ü. Edb.Fak. Yay.No:2511, 1984, İstanbul GÜNGÖRDÜ E., Coğrafya'da Veri Toplama ve Değerlendirme Metodu, Gazi Üniv. Gazi Eği. Fak.yay., 1993
23	Assesment	
TERM LEARNING ACTIVITIES		NUMBE R WEIGHT
Midterm Exam	1	20.00
Quiz	0	0.00
Home work-project	1	20.00
Final Exam	1	60.00
Total	3	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		Lecture, Question and answer, Case study, Discussion, group work
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	5	5	5	4	3	5	3	2	3	3	5	4	5	0	0	0
ÖK2	5	4	3	4	4	5	3	3	4	3	5	3	4	0	0	0
ÖK3	4	5	5	5	4	5	3	3	4	4	5	5	3	0	0	0
ÖK4	4	5	5	5	4	5	3	3	4	4	5	5	3	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			