



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Methods							
Course Code		SBÖ219		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	3	Workload	79 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Students will able to comprehend the principles and properties of science, acquire the skills of research, examine their research findings(knowledge) and advance the their abilities in Social Studies.							
Course Content		Science and main concepts (fact, knowledge, absolute right, false, universal information etc.). main knowledges as to science history, structure of scientific research, scientific methods and different respects regard as this methods, problem, research model, universe and sample, collection of data and data collection methods (quantitative and qualitative data collection techniques), data recording, analysis, interpretation and reporting							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)									

### Prerequisites & Co-requisites

Equivalent Course	EBB253
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### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

### Recommended or Required Reading

1	BAYKARA, Tuncer, (1999). Tarih Araştırmaları ve Yazma Metodu, Akademi Kitabevi, İzmir.
2	DUVERGER, Maurice, (1990). Metodoloji Açısından Sosyal Bilimlere Giriş, (çev. Ünsal Oskay), Bilgi Yay., Ankara.
3	KARASAR, Niyazi, (1995). Bilimsel Araştırma Yöntemleri, 3A Araştırma Eğitim Danışmanlık, Ankara.
4	KÜTÜKOĞLU, Mübahat, (2007). Tarih Araştırmalarında Usûl, Elif Kitabevi, 7.Baskı, İstanbul.
5	ÖZÇELİK, İsmail, (2001). Tarih Araştırmalarında Yöntem ve Teknikler, İkinci Baskı, Gündüz Eğitim ve Yayıncılık, Ankara.
6	TÜRKDOĞAN, Orhan, (1989). Bilimsel Değerlendirme ve Araştırma Metodolojisi, Araştırma İnceleme Dizisi, M.E.B. Yayınları: 869, İstanbul.
7	YILDIRIM, Ali – ŞİMŞEK, Hasan, (1999). Sosyal Bilimlerde Nitel Araştırma Yöntemleri, Seçkin Yayınları, Ankara.
8	Publications (books and articles), the internet, computer, reflective (overhead), etc..

Week	Weekly Detailed Course Contents	
1	Theoretical	Objective, Scope, Topics in Research Ethics (Muzaffer Üstd etc.)
2	Theoretical	What is research? Ethics, Information Collection Roads Planning Research and Proposal Preparation (Ali Balcı) Research Project and Report (Muzaffer Üstdal etc.) Thesis Research (Muzaffer Üstdal etc.)
3	Theoretical	Documentation
4	Theoretical	Scientific Research and Writing
5	Theoretical	Data Collection Methods (The survey, interview, observation, archival records) (Ali Balcı, 139-187)
6	Theoretical	Poll (Survey Design (assignments), sampling, pilot testing, installation of computer data)
7	Theoretical	Survey, Data Cleaning, Analysis, Report to the Results
8	Theoretical	Example Event-sampling and measurement methods (Ali Balcı, 97-137)
9	Theoretical	Presentation Type: Poster Presentation (Muzaffer Üstdal etc.) Research Paper and the (related to urbanization) article review samples (Muzaffer Üstdal etc.) Other Vehicles (Muzaffer Üstdal etc.)
10	Intermediate Exam	Midterm Exam
11	Theoretical	Research Data Analysis (Ali Balcı, 189,9 and Şener Büyüköztürk) Table, Chart principles of preparation
12	Theoretical	Survey Projects
13	Theoretical	Survey Implementation of Projects
14	Theoretical	Survey Implementation of Projects



15	Theoretical	Survey Implementation of Projects
16	Final Exam	Final Exam

**Workload Calculation**

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	14	0	2	28
Reading	3	2	2	12
Midterm Examination	1	4	1	5
Final Examination	1	5	1	6
Total Workload (Hours)				79
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

**Learning Outcomes**

1	To able to comprehend the criteria and characteristics, types of science and the reasons for its separation.
2	To able to acquire skills of science and scientific research and develop appropriate behavior
3	To able to comprehend the place, methods and techniques of social sciences in scientific research
4	To able to obtain the skills to share with their surroundings by converting research results orally and in writing to provide specific information
5	They can benefit from educational technologies in different teaching environments.
6	To able to examine, evaluate the data, and produce solutions with a scientific view.
7	To able to obtain the ways to access information which is necessary for life-long learning.
8	To be able to possess knowledge of basic concepts and theories in general education, special education theory and practice as a subject area, and contribute to a comprehensive and updated information on the different disciplines.

**Programme Outcomes (Social Studies Teacher Education )**

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 skills of the teaching profession in 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 become individuals faithful to the Principles and Revolutions of Atatürk, be modern democratic, secular, protecting and developing 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 become 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	L5	L6	L7	L8
P1	5	4	5	5	4	5	5	5
P2	5	4	5	5	5	5	5	5
P3	4	3	5	4	5	5	5	5
P4	5	4	3	5	5	5	5	4
P5	5	4	5	5	5	5	5	5
P6	5	4	5	3	5	5	5	5
P7	3	3	3	3	3	4	4	3
P8	5	4	5	5	4	4	5	5
P9	3	3	3	5	5	5	5	5
P10	5	4	5	5	5	4	5	4

