



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Techniques							
Course Code		SPYB521		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	5	Workload	125 ( <i>Hours</i> )	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		It is aimed to plan methods and experiments to be used in scientific researches and to convert the results into scientific papers.							
Course Content		To learn the methods used in scientific research and the planning of experiments, the importance of the number of data, sensitivity in collecting data, analysis methods to be performed according to design, the transformation of the results into scientific papers and the scientific ethics of research.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Individual Study, Problem Solving					
Name of Lecturer(s)		Assoc. Prof. Hasan ULUKAN							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

### Recommended or Required Reading

1	All kinds of scientific studies and publications related to the field.
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Week	Weekly Detailed Course Contents	
1	Theoretical	Basic Concepts Of Science And Research
2	Theoretical	Types And Methods Of Research
3	Theoretical	Problem Selection And Criteria
4	Theoretical	Tries and Counts
5	Theoretical	Limitations And Definitions
6	Theoretical	Methodology, Research Models
7	Theoretical	Universe and Sampling
8	Theoretical	Midterm
9	Theoretical	Data Collection And Evaluation
10	Theoretical	Error and Control In Research
11	Theoretical	Data Sources, Bibliography
12	Theoretical	Important Issues In Writing Report Thesis And Homework
13	Theoretical	Research proposal preparation and evaluation of research
14	Final Exam	Finall Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Assignment	3	10	2	36
Individual Work	2	12	1	26
Midterm Examination	1	9	1	10
Final Examination	1	10	1	11
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	Can Do Scientific Research
2	Able to write a thesis.



3	Be able to plan the methods and experiments to be used in scientific research
4	Able to write article
5	Evaluate the scientific and ethical issues of research.

**Programme Outcomes (Sports Management Sciences Master)**

1	To be able to explain the elements of management and organization and to apply management functions to sports organizations
2	Focus on strategic approach in the management of sports organizations
3	To comprehend the ethical and legal elements of sports industry
4	To have social responsibility in the solution of responsible issues in private and public spheres
5	To understand the importance of the global environment on the practices of sports organizations
6	To develop research, planning, execution and conclusion skills.
7	To be able to identify and explain the internal and external factors that shape and affect sports both in our country and in the world.
8	To be able to work independently in the process of solving problems, using initiative, developing creativity skills and making teamwork

**Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High**

	L1	L2	L3	L4	L5
P1	5		5		4
P2	3	5		3	4
P3	4	3		5	
P4		3	5		4
P5	5		5	5	
P6	4	3		3	
P7		3			4
P8	4		5		

