



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Applied Statistics							
Course Code		TUR502		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 at analyzing and interpreting the results of the parametric and nonparametric tests in the light of scientific research methods.							
Course Content		Information will be given about descriptive statistics, introduction of SPSS, correlation, comparison of means, regression analysis, cluster analysis, scale reliability, factor analysis, multivariate analysis of variance (MANOVA) and nonparametric tests.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Project Based Study, Individual Study, Problem Solving					
Name of Lecturer(s)		Prof. Abdullah TANRISEVDİ							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	20
Final Examination	1	30
Practice	14	20
Quiz	4	10
Assignment	7	10
Term Assignment	1	10

Recommended or Required Reading

1	SPSS Statistics Base 17.0 User's Guide, Erişim: http://www.jou.ufl.edu/research/lab/pdf/SPSS-Statistics-Base-Users-Guide-17.0.pdf ISBN-13: 978-1-56827-400-3, ISBN-10: 1-56827-400-9
2	Büyüköztürk, Ş., G. Şekercioğlu, Ö. Çokluk (2012). Sosyal Bilimler İçin Çok Değişkenli İstatistik: SPSS ve LISREL Uygulamaları. 2. Baskı, Pegem Akademi Yayıncılık, ISBN 9786055885670
3	Büyüköztürk, Ş. (2012). Sosyal Bilimler İçin Veri Analizi El Kitabı İstatistik, Araştırma Deseni, SPSS Uygulamaları ve Yorumu. 16. Baskı, Pegem Akademi Yayıncılık, ISBN 9789756802748
4	Yazıcıoğlu, Y., ve S. Erdoğan (2006). SPSS Uygulamalı Bilimsel Araştırma Yöntemleri. 2. Baskı, Detay Yayıncılık, ISBN 9758326988
5	Articles and theses

Week	Weekly Detailed Course Contents	
1	Theoretical	Information will be given about the basic terms (quantitative research process, variables, determining hypothesis/research questions, scales).
2	Theoretical	Practices will be done about data input by introducing SPSS menus.
3	Theoretical	Information will be given about missing value analysis, normal distribution analysis, tables, graphics, descriptive statistics.
4	Theoretical	Information will be given about bivariate and partial correlation
5	Theoretical	Comparing means I
6	Theoretical	Comparing means II
7	Theoretical	Comparing means III
8	Intermediate Exam	Midterm Exam
9	Theoretical	Information will be given about simple and multiple regression analyses.
10	Theoretical	Information will be given about cluster analysis.
11	Theoretical	Information will be given about scale reliability analyses.
12	Theoretical	Information will be given about Factor analysis.
13	Theoretical	Information will be given about MANOVA.
14	Theoretical	Information will be given about nonparametric tests.
15	Theoretical	General revision will be done.



16	Final Exam	Final exam
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Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	1	2	45
Laboratory	15	3	1	60
Midterm Examination	1	8	1	9
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	He/ she could select correct statistics (the most suitable for hypothesis/research questions)
2	He/ she could analyze and interpret descriptive and multivariate statistics
3	He/ she could use and operate SPSS program effectively
4	He/ she could set assumptions and models in structural equation modelling.
5	He/ she could run path analysis and interpret the results.

Programme Outcomes (Tourism Management Master)

1	To be able to train specialists who develops knowledge and skills based on the Bachelor's Degree in Tourism field and who can evaluate the sector in the point of view interdisciplinary structure of tourism management.
2	To be able to analyze the socio-economic and the managerial problems both interactionally and separately
3	To be able to produce knowledge about the studies, which have not been presented before towards the primary data sources.
4	To be able to convey recent developments in the field of tourism management to the stakeholders by using verbal, written and visual means systematically.
5	To be able to develop a solving method independently for a problem faced in tourism management, evaluate the outcomes of the problem and take roles in projects related to the field as a coordinator or a participant.
6	To be able to make strategic and implementation plans for particular issues in tourism administration and evaluate the outcomes of the plans and to determine the vision, goals and aims of the company.
7	To be able to evaluate knowledge and skills acquired in tourism management by having a sceptic standpoint and investigate the problems by implying analytical approaches with miscellaneous methods.
8	To be able to regenerate and develop constantly concerning the field participated in tourism businesses.
9	To be able to teach and inspect the scientific, social and ethical values at the degree of collecting, interpreting and announcing the data.
10	To be able to use at least one foreign language to follow the international tourism literature.
11	To be able to share the developments related to departments of tourism establishment.
12	To be able to learn about information technologies used in tourism enterprises and mastering in these technologies.
13	To be able to use the current data in the field of tourism management, develop the knowledge by using scientific methods with scientific, social and ethical responsibilities.
14	To be able to Implement the knowledge and the abilities at problem solving that absorbed in the field of tourism at interdisciplinary studies.

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	3	3	3	3	3
P2	4	4	4	3	3
P3	4	4	4	4	4
P4	5	5	5	4	4
P5	4	4	4	5	5
P6	4	4	4	4	4
P7	4	4	4	5	5
P8	5	5	5	4	4
P9	4	4	4	5	5
P10	5	5	5	5	5
P11	3	3	3	3	3
P12	5	5	5	5	5



P13	5	5	5	4	4
P14	3	3	3	3	3

