

STATISTICS

1	Course Title:	STATISTICS
2	Course Code:	OSPS049
3	Type of Course:	Optional
4	Level of Course:	Short Cycle
5	Year of Study:	2
6	Semester:	4
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	1.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr. Gör. Dr. MERVE AKÇA
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği Öğretim Elemanları
16	Contact information of the Course Coordinator:	Öğr.Gör.Dr.Merve AKÇA mascioglu@uludag.edu.tr BUÜ Mustafakemalpaşa MYO
17	Website:	
18	Objective of the Course:	To establish the interdisciplinary relationship between today's business world and statistics, to collect data, learn appropriate methods, analyze and interpret them with these methods.
19	Contribution of the Course to Professional Development:	Ability to analyze and interpret using correct methods.
20	Learning Outcomes:	
	1	Understands the definition of statistics and masters the basic concepts.
	2	Learns data collection and organization methods.
	3	Learns to analyze data with appropriate methods.
	4	Learns how statistics are interpreted in daily life.
	5	Interprets all kinds of data with the help of graphs and tables.
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21	Course Content:	
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Week	Theoretical	Practice
1	Basic Concepts and Areas of Use of Statistics	Sample solution for professional use
2	Organization of Data and Series Types; Simple series, Frequency series, Classified series	Creating series, converting series into each other

3	Organization of Data and Series Types; Simple series, Frequency series, Classified series	Creating series examples with professional content, converting series into each other
4	Data Tables and Graphs	Creating series tables, drawing graphs
5	Time Series, Space Series and Their Graphs	Creating time and space series, drawing graphs
6	Averages; Arithmetic, Geometric, Squared averages	Calculating averages of series
7	Averages; Mode and Median	Calculating averages of series
8	Measures of Variability: Variance, Standard deviation and Coefficient of Variation	Calculating variability measures of series
9	Measures of Variability: Variance, Standard deviation and Coefficient of Variation	Calculating variability measures of series
10	Measures of Variability: Variance, Standard deviation and Coefficient of Variation	Calculating variability measures of series
11	Measures of Variability: Variance, Standard deviation and Coefficient of Variation	Calculating variability measures of series
12	Indices	Calculating and interpreting series indices
13	Indices	Calculating and interpreting series indices
14	Indices	Calculating and interpreting series indices

22	Textbooks, References and/or Other Materials:	
23	Assesment	

Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	0	0	1.00	14.00
Practicals/Labs		14	2.00	28.00
Self Study and preperation	1	60	2.00	28.00
Homeworks		0	0.00	0.00
Projects		4	0.00	0.00
Contribution of Term (Year) Learning Activities to Success Grade		0	0.00	0.00
Field Studies		0	0.00	0.00
Contribution of Final Exam to Success Grade		60	10.00	10.00
Others		0	0.00	0.00
Final Exam			12.00	12.00
Measurement and Evaluation Techniques Used in the Measurement and evaluation			12.00	12.00
Total Work Load				92.00
Total work load/ 30 hr				3.07
24 ECTS / WORK LOAD TABLE				
ECTS Credit of the Course				3.00

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	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0

ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
LO: Learning Objectives PQ: Program Qualifications																	
Contrib ution Level:	1 very low			2 low			3 Medium			4 High			5 Very High				