

Year

International Trade and Logistics / International Trade and Logistics /						
Course Code	Course Name	Teorical	Practice	Laboratory	Credits	ECTS
UTL209	STATISTICS	3.00	0.00	0.00	3.00	4.00
Course Detail						
Course Language	: Turkish					
Qualification Degree	: Bachelor					
Course Type	: Compulsory					
Preconditions	: Not					
Objectives of the Course	: The main objectives of this lesson are understanding of statistics terms and their application facilities;composing of numerical data ,deciding in an uncertainty circumstance and interpreting them in a logical way, determining which data analysis techniques should be used in certain conditions and revealing why and how are these techniques are used					
Course Contents	: Data Collection and Measurement Tools in Social Sciences, Statistics, Probability, Discrete and Continuous Random Variables, Probability Distributions, Central Dispersion and Dispersion Measurements, Sampling and Sampling Distributions, Statistical Series and Graphical Methods in Data Presentation Probability, Sampling, Statistical Estimation, Hypothesis Testing, Hypothesis Testing and Interpretation.					
Recommended or Required Reading	: Temel Örnekleme Yöntemleri ; Taro TAMANE, Çev: A. ESİN, C. AYDIN, M. A. BAKIR, E. GÜRBÜZSEL Betimsel ve Çıkarımsal İstatistik Necmi GÜRSAKAL Uygulamalı İstatistik 1-2 Özer SERPER Uygulamalı İstatistik Yöntemler Giriş ; Özkan ÜNVER Olasılık ve İstatistik: Problemler ve Çözümleri ile; Semra Oral Erbaş Örnekleme Kuramı, Hülya Çingı İstatistik, Alptekin Esin, Müslim Ekni, Hamza Gamgam					
Planned Learning Activities and Teaching Methods	: Lecturing and problem solving					
Recommended Optional Programme Components	: Solving problems to support course content.					
Course Instructors	: Dr. Öğr. Üyesi Alper Aykut Ekinci					
Instructor's Assistants	: There is no Instructor's Assistant					
Presentation Of Course	: It is done in the classroom environment in the form of lectures and problem solving.					
Update Date	: 9/11/2026 10:02:44 AM					
Dosya İndirilme Tarihi	: 10/5/2026					

Course Outcomes
Upon the completion of this course a student :
1 Can use and apply the measures of central tendency and variation
2 Can use statistical analysis techniques in social research.
3 Learns the application of statistics to their study field.

Pre / Side Conditions							
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Weekly Contents						
	Teorical	Practice	Laboratory	Preparation Info	Teaching Methods	Course Learning Outcomes
1.Week	*Introduction to statistics, basic concepts, definition of statistic. variables, measurment levels	*problem solving	*No laboratory studies are performed.	*Preparation of lecture notes	*lecturing	
2.Week	*Gathering data, classifying, graphical representations, frequency distributions, pie nd bar charts, time series charts, scatter diagrams, histograms, frequency poligons.	*problem solving	*No laboratory studies are performed.	*Preparation of lecture notes	*lecturing	
3.Week	*Measures of central tendency: mean, mod, median Aritmetic mean, geometric mean, harmonic mean	*problem solving	*No laboratory studies are performed.	*Preparation of lecture notes	*lecturing	
4.Week	*Variability measures: variation interval, variance, standard deviation	*problem solving	*No laboratory studies are performed.	*Preparation of lecture notes	*lecturing	
5.Week	*Variability measures: variation interval, variance, standard deviation	*problem solving	*No laboratory studies are performed.	*Preparation of lecture notes	*lecturing	
6.Week	*Probability	*problem solving	*No laboratory studies are performed.	*Preparation of lecture notes	*lecturing	
7.Week	*Probability	*problem solving	*No laboratory studies are performed.	*Preparation of lecture notes	*lecturing	
8.Week	*midterm exam	*midterm exam	*midterm exam	*midterm exam	*midterm exam	
9.Week	*Sampling	*problem solving	*No laboratory studies are performed.	*Preparation of lecture notes	*lecturing	
10.Week	*Estimation: Point Estimation, Interval Estimation (Confidence Interval)	*problem solving	*No laboratory studies are performed.	*Preparation of lecture notes	*lecturing	
11.Week	*Hypothesis Testing (one Sample)	*problem solving	*No laboratory studies are performed.	*Preparation of lecture notes	*lecturing	
12.Week	*Hypothesis Testing (Two Samples)	*problem solving	*No laboratory studies are performed.	*Preparation of lecture notes	*lecturing	
13.Week	*Chi-square Analysis	*problem solving	*No laboratory studies are performed.	*Preparation of lecture notes	*lecturing	
14.Week	*Variance Analysis	*problem solving	*No laboratory studies are performed.	*Preparation of lecture notes	*lecturing	
15.Week	*Course Evaluation	*problem solving	*No laboratory studies are performed.	*Preparation of lecture notes	*lecturing	

Assesment Methods %
1 Vize : 40.000
2 Final : 60.000

ECTS Workload			
Activities	Count	Time(Hour)	Sum of Workload

Program And OutcomeRelation															
	P.O.1	P.O.2	P.O.3	P.O.4	P.O.5	P.O.6	P.O.7	P.O.8	P.O.9	P.O.10	P.O.11	P.O.12	P.O.13	P.O.14	P.O.15
L.O. 1	2	1	5	2	2	3	4	2	5	1	2	2	3	1	4
L.O. 2	1	2	5	1	4	3	4	2	1	4	3	2	4	5	1
L.O. 3	1	2	5	3	3	1	4	4	2	1	5	2	1	4	2
Avarage	1.33	1.67	5.00	2.00	3.00	2.33	4.00	2.67	2.67	2.00	3.33	2.00	2.67	3.33	2.33

Ders/Program Çıktıları İlişkisi														
P.O. 1	P.O. 2	P.O. 3	P.O. 4	P.O. 5	P.O. 6	P.O. 7	P.O. 8	P.O. 9	P.O. 10	P.O. 11	P.O. 12	P.O. 13	P.O. 14	P.O. 15
1	2	4	5	3	2	3	5	3	2	3	4	4	5	1

BEWARE OF PLAGIARISM! Please pay attention to proper academic citation rules and avoid plagiarism, an unethical and academically fraudulent behavior, when completing reports, assignments, or other academic works, and it is treated with the same disciplinary action as cheating in a classroom setting. It is imperative to refrain from presenting another person s ideas, language, expressions, or any other form of intellectual property as your own. Regardless of quality, your assignments/projects/research should reflect your original work. Perfection is not a requirement, and in case of any uncertainties regarding academic writing guidelines, you may seek clarification from your course instructor.

Engel Durumu/Uyarlama Talebi : Engel durumuna ilişkin herhangi bir uyarlama talebinde bulunmak isteyen öğrenciler, dersin öğretim elemanı ya da Nevşehir Engelli Öğrenci Birimi ile en kısa sürede iletişime geçmelidir.