

## GENEL TANIM / GENERAL DESCRIPTION

Ders Adı / Course Name	Basic Statistics / Basic Statistics	
Ders Kodu / Course Code	EBUS108	
Ders Türü / Course Type		
Ders Seviyesi / Course Level	Bachelor / Bachelor	
Ders Akts Kredi / ECTS	4.00	
Haftalık Ders Saati (Kuramsal) / Course Hours For Week (Theoretical)	3.00	
Haftalık Uygulama Saati / Course Hours For Week (Objected)	0.00	
Haftalık Laboratuvar Saati / Course Hours For Week (Laboratory)	0.00	
Dersin Verildiği Yıl / Year	1	
Öğretim Sistemi / Teaching System	Daytime Class / Daytime Class	
Eğitim Dili / Education Language		
Ön Koşulu Olan Ders(ler) / Precondition Courses	Basic Maths	Basic Maths
Amacı / Purpose	The aim of the basic statistics course is to make inferences. There is almost no field of science that can infer without statistics. Therefore, using all the fields that make up the data is to teach statistics in terms of values as well as in basic terms as a method.	The aim of the basic statistics course is to make inferences. There is almost no field of science that can infer without statistics. Therefore, using all the fields that make up the data is to teach statistics in terms of values as well as in basic terms as a method.
İçeriği / Content	The aim of the basic statistics course is to make inferences. There is almost no field of science that can infer without statistics. Therefore, using all the fields that make up the data is to teach statistics in terms of values as well as in basic terms as a method.	The aim of the basic statistics course is to make inferences. There is almost no field of science that can infer without statistics. Therefore, using all the fields that make up the data is to teach statistics in terms of values as well as in basic terms as a method.
Önerilen Diğer Hususlar / Recommended Other Considerations		
Staj Durumu / Internship Status	no	no
Kitabı / Malzemesi / Önerilen Kaynaklar / Books / Materials / Recommended Reading	Turanlı, M., Guris, S. (2002). Temel İstatistik .Der Yayınları Veri Analizi Prof Dr. Ahmet Mete Çilingirtürk Temel Ekonometri ,Gujarati Prof.Dr. Selahattin Güriş Prof.Dr.Ebru Çağlayan , Temel Ekonoemtri	Turanlı, M., Guris, S. (2002). Temel İstatistik .Der Yayınları Veri Analizi Prof Dr. Ahmet Mete Çilingirtürk Temel Ekonometri ,Gujarati Prof.Dr. Selahattin Güriş Prof.Dr.Ebru Çağlayan , Temel Ekonoemtri
Öğretim Üyesi (Üyeleri) / Faculty Member (Members)	Asst.Prof.Dr.Tuğba Dayıoğlu	

## ÖĞRENME ÇIKTILARI / LEARNING OUTCOMES

1	Identifies problem in the field of statistic and find solution	Identifies problem in the field of statistic and find solution
2	Prepares reports for statistic problems	Prepares reports for statistic problems
3	The relationship between other social science and statistic	The relationship between other social science and statistic

## HAFTALIK DERS İÇERİĞİ / DETAILED COURSE OUTLINE

Hafta / Week					
1	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	What are statistics?What is the subject of Statistics?What is data and what are the methods of data collection? Statistical terms				
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2	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Series,Simple,Frequency ,Classified series and Cumulative Frequencies and interpreting the results				
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3	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Cumulative Proportional Frequencies and Interpreting, Common statistical series,time series,venue and distribution series. Graphs and droving Histogram				
	Cumulative Proportional Frequencies and Interpreting, Common statistical series,time series,venue and distribution series. Graphs and droving Histogram				
4	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	İntroduction to Averages ,I.Group Averages,proporties of the arithmetic mean and axamples for simple and frequency series				
	İntroduction to Averages ,I.Group Averages,proporties of the arithmetic mean and axamples for simple and frequency series				
5	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Another first group averages,sguared ,harmonic,geometric mean and choosing the suitable averages, sorting the averages				
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	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
6	Second group of averages ,Mod and median ,Quartiles				
	Second group of averages ,Mod and median ,Quartiles				
	Second group of averages ,Mod and median ,Quartiles				
7	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Measures of Variability, variation range, standart deviation and variance, standart deviation proopies, Covariance coefficient, Changement Coefficient				
	Measures of Variability, variation range, standart deviation and variance, standart deviation proopies, Covariance coefficient, Changement Coefficient				
8	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	VİZE				
	VISA EXAM				
9	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Introduction to Asymmetry ,Symmetric and Asymmetric Distiribution ,Normal Distribution				
	Introduction to Asymmetry ,Symmetric and Asymmetric Distiribution ,Normal Distribution				
10	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Asymmetry with Averages, Pearson Coefficients				
	Asymmetry with Averages, Pearson Coefficients				
11	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Asymmetry with Qartiles and Bowley Asymmetry Measures ,examples				
	Asymmetry with Qartiles and Bowley Asymmetry Measures ,examples				

	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
12	Moments and calculation for simple and frequency series ,Mean and Orjin Moment Determinations				
	Moments and calculation for simple and frequency series ,Mean and Orjin Moment Determinations				
13	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Skewness and Kurstosis calculation with moments				
	Skewness and Kurstosis calculation with moments				
14	Teorik Dersler / Theoretical	Uygulama	Lab	Öğretim Yöntem ve Teknikleri/Teaching Methods Techniques	Ön Hazırlık / Preliminary
	Indexes ,simple indeks,fiyat and quantity (amount) index calculation				
	Indexes ,simple indeks,fiyat and quantity (amount) index calculation				

DEĞERLENDİRME / EVALUATION

Yarıyıl (Yıl) İçi Etkinlikleri / Term (or Year) Learning Activities	Sayı / Number	Katkı Yüzdesi / Percentage of Contribution (%)
Ara Sınav / Midterm Examination	1	100
Toplam / Total:	1	100
Başarı Notuna Katkı Yüzdesi / Contribution to Success Grade(%):		40

  

Yarıyıl (Yıl) Sonu Etkinlikleri / End Of Term (or Year) Learning Activities	Sayı / Number	Katkı Yüzdesi / Percentage of Contribution (%)
Final Sınavı / Final Examination	1	100
Toplam / Total:	1	100
Başarı Notuna Katkı Yüzdesi / Contribution to Success Grade(%):		60

  

Etkinliklerinin Başarı Notuna Katkı Yüzdesi(%) Toplamı / Total Percentage of Contribution (%) to Success Grade:	100
Değerlendirme Tipi / Evaluation Type:	

İŞ YÜKÜ / WORKLOADS

Etkinlikler / Workloads	Sayı / Number	Süresi (Saat) / Duration (Hours)	Toplam İş Yüğü (Saat) / Total Work Load (Hour)
Ara Sınav / Midterm Examination	1	2.00	2.00
Ara Sınav İçin Bireysel Çalışma / Individual Study for Mid term Examination	6	4.00	24.00
Ev Ödevi / Homework	14	4.00	56.00
Final Sınavı için Bireysel Çalışma / Individual Study for Final Examination	6	4.00	24.00
Toplam / Total:	27	14.00	106.00

Dersin AKTS Kredisi = Toplam İş Yüğü (Saat) / 25.00 (Saat/AKTS) = 106.00/25.00 = 4.24 ~ / Course ECTS Credit = Total Workload (Hour) / 25.00 (Hour / ECTS) = 106.00 / 25.00 = 4.24 ~

PROGRAM VE ÖĞRENME ÇIKTISI / PROGRAM LEARNING OUTCOMES

Öğrenme Çıktıları / Learning Outcomes	Program Çıktıları / Program Outcomes									
	1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.1
1. Identifies problem in the field of statistic and find solution / Identifies problem in the field of statistic and find solution	5									
2. Prepares reports for statistic problems / Prepares reports for statistic problems										
3. The relationship between other social science and statistic / The relationship between other social science and statistic										

Katkı Düzeyi / Contribution Level : 1-Çok Düşük / Very low, 2-Düşük / Low, 3-Orta / Moderate, 4-Yüksek / High, 5-Çok Yüksek / Very high