Course Syllabus

Code - Course Title	**İST205 - Statistics I**
Course Type	III. SEMESTER
Laboratory + Practice	3+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DOÇ. DR. DUYGU TUNALI, PROF. DR. BAHAR BERBEROĞLU, DR. ÖĞR. ÜYESİ MAHMUT ATLAS, PROF. DR. ALİ ÖZDEMİR, PROF. DR. HARUN SÖNMEZ, PROF. DR. HÜSEYİN GÜRBÜZ

Mode of Delivery	The mode of delivery of this course is Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course.
Recommended Resources	Atlas, M., 2013 İstatistik I Çözümlü ÖrneklerGürsakal, N.,2012, Betimsel İstatistik, Dora Yayınevi, Bursa
Work Placement	Internship is not suitable for this course

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		What is statistics? History and importance.	
Week - 2		Basic terms of statistics and levels of measurement.	
Week - 3		Organizing data and statistic distibutions.	
Week - 4		Graphical presentation of distributions	
Week - 5		Means: Arithmetic mean, Weighted mean, Geometric mean and Kuadratic mean.	
Week - 6		Means: median and mode	
Week - 7		Measures af dispersion: Variance, Standard deviation and modified ranges	
Week - 8		Measures of skewness 1	
Week - 9		Measures of skewness 2	
Week - 10		Probability: Calculating probability and conditional probability 1	
Week - 11		Probability: Calculating probability and conditional probability 2	
Week - 12		Probability Distribution: binomial and poisson probability distribution	
Week - 13		Probability Distribution: normal distribution	

Learning Outcomes

#	Learning Outcome
1	collect and list data.
2	calculate descriptive measures.
3	calculate probability.
4	use probability distributions

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.