Course Syllabus

Code - Course Title	**İST206 - Statistics II**
Course Type	IV. SEMESTER
Laboratory + Practice	3+0
ECTS	**5.0**
Language of Instruction	İngilizce
Course Type	Required Courses

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.
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Sampling theory	
Week - 2		Statistical forecasting	
Week - 3		Statistical decision making	
Week - 4		Hypthesis testing	
Week - 5		Small size sampling	
Week - 6		Time series analysis	
Week - 7		Time series analysis	
Week - 8		Time series analysis	
Week - 9		Least squares methodolgy	
Week - 10		Indices	
Week - 11		Regression and correlation analysis	
Week - 12		Chi-square testing	
Week - 13		Chi-square testing (continued)	
Week - 14		Application	

Learning Outcomes

#	Learning Outcome
1	list the phases of sampling process
2	describe statistical estimation
3	describe and test the statistical hypothesis
4	calculate the coefficient of linear regression

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.