Course Syllabus

Code - Course Title	**İST424 - Multivariate Statistics II**
Course Type	VIII. SEMESTER
Laboratory + Practice	4+0
ECTS	**6.0**
Language of Instruction	İngilizce
Course Type	Area Elective Courses
Course Instructor(s)	ÖĞR. GÖR. DR. HALİL ERYILMAZ

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	The instructor will provide a course pack(bulk pack) with all suggested readings
Work Placement	N/A

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Principal components analysis	
Week - 2		Principal components analysis	
Week - 3		Factor Analysis	
Week - 4		Exploratory factor analysis	
Week - 5		real life example	
Week - 6		Cluster analysis	
Week - 7		Cluster Analysis	
Week - 8		SPSS and Minitab for Multivariate Statistics	
Week - 9		Discriminant Analysis	
Week - 10		SPSS examples	
Week - 11		Multidimensional Statistics	
Week - 12		Multidimensional scaling	
Week - 13		SPSS Applications	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		review of the term	

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.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	30
Final Exam	1	50
Homework	1	20
	Sum (%)	**100**