Course Syllabus

Code - Course Title	**CBS105U -**
Course Type	II. SEMESTER
Laboratory + Practice	0+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	LECTURER DR. BÜLENT BATMAZ

Mode of Delivery	Open Education
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There are no lessons related with the suggested lesson.
Recommended Resources	Coğrafi Bilgi Sistemleri İçin Temel İstatistik, AÖF Yayınları NO: 2998
Work Placement	Not suitable for this course

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Statistics and Organizing data	
Week - 2		Graphical representations	
Week - 3		Central tendency and variability measures	
Week - 4		Probability and Probability Distributions	
Week - 5		Review of the first four weeks	
Week - 6		Exercises	
Week - 7		Exercises	
Week - 8		Fundamental techniques in Spatial Data Analysis	
Week - 9		Point pattern and Spatial Correlation	
Week - 10		Circular Statistics	
Week - 11		GeoDA Applications	
Week - 12		Review of the course	
Week - 13		Exercises	
Week - 14		Exercises	

Learning Outcomes

#	Learning Outcome
1	Temel istatistik kavramları tanımlayabilecek, verilerin düzenlenmesi ve sunulmasını yapabilecek.
2	Merkezi eğilim ve dağılım ölçülerini açıklayabilecek.
3	Bazı kesikli ve sürekli olasılık dağılım modellerini tanımlayabilecek ve parametrelerini hesaplayabilecek.
4	Be able to analyse Spatial data
5	Analyse Circular data
6	Will Create GeoDA results

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	70
	Sum (%)	**100**