Course Syllabus

Code - Course Title	**YBS308U -**
Course Type	VI. SEMESTER
Laboratory + Practice	0+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	LECTURER DR. BÜLENT BATMAZ

Mode of Delivery	Distance Education
Prerequisites	There is no prerequisite or co-requisite for this course.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Network Science and Social Networks	
Week - 2		Network Science and Social Networks	
Week - 3		Basic Concepts	
Week - 4		Types of Networks	
Week - 5		Types of Networks	
Week - 6		Ağların Türleri	
Week - 7		Scale-freeness and Power Law	
Week - 8		Scale-freeness and Power Law	
Week - 9		Determining Communities	
Week - 10		Centrality Measures	
Week - 11		Drawing and Analysis of Networks with Pajek	
Week - 12		Drawing and Analysis of Networks with Pajek	
Week - 13		Drawing and Analysis of Network with NodeXL	
Week - 14		Drawing and Analysis of Network with NodeXL	

Learning Outcomes

#	Learning Outcome
1	Explain social networks.

Learning Outcomes

#	Learning Outcome
2	Describe theories and models related to networks.
3	Pajek and NodeXL can be used for network analysis.

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**