Course Syllabus

Code - Course Title	**MLY544 - Econometrics Modeling in Public Finance**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ HATİCE ALTINOK

Mode of Delivery	Face to face
Prerequisites	There is no.
Courses Recomended	There is no.
Recommended Resources	There is no.
Work Placement	There is no.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction and data set preparation	
Week - 2		What is a time series?	
Week - 3		Time series models with difference equations	
Week - 4		Linear time series models	
Week - 5		Stationarity in time series and unit root tests	
Week - 6		Structural break tests in time series and seasonal unit root tests	
Week - 7		Vector autoregressive models	
Week - 8		Cointegration and error correction models	
Week - 9		Cointegration and error correction models	
Week - 10		Granger causality models	
Week - 11		ARDL models	
Week - 12		Application	
Week - 13		Application	
Week - 14		Application	

Learning Outcomes

#	Learning Outcome
1	Teaches approaches that can be used in testing economic hypotheses,
2	Gains numerical analysis skills in the field of social sciences,
3	Provides understanding of the findings of scientific studies including econometric analyses,
4	It provides the basis for understanding advanced econometric 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.