Course Syllabus

Code - Course Title	**SAY615 - Structural Equation Modeling**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DOÇ. DR. DUYGU TUNALI

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	Veysel YIlmaz, H. Eray Çelik \\\"Structural Equation Modeling-1 with Lisrel\\\"
Work Placement	Internship is not suitable for this course.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to Structural Equation Modeling	
Week - 2		Basic Concepts in SEM	
Week - 3		Measurement Models and Confirmatory Factor Analysis	
Week - 4		Structural Model and Measurement Model	
Week - 5		Direct and Indirect Effects	
Week - 6		Getting Started with Lisrel	
Week - 7		Structural Equatiom Models Estimation	
Week - 8		SEM analysis with Lisrel	
Week - 9		Model Evaluation and Goodness of Fit Indices	
Week - 10		Interpretation of Goodness of Fit Indices	
Week - 11		Example Practice in Lisrel	
Week - 12		Sample Review	
Week - 13		Student Presentations	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Student Presentations	

Learning Outcomes

#	Learning Outcome
1	Define the basic concepts and application areas of structural equation modeling
2	Learn to use Lisrel
3	YEM application in Lisrel

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.