Course Syllabus

Code - Course Title	**İST355 - Probabilistic and Statistical Thinking**
Course Type	V. SEMESTER
Laboratory + Practice	3+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ AYŞEGÜL ERYILMAZ ÇEVİRGEN

Mode of Delivery	Face to face
Prerequisites	-
Courses Recomended	ProbabilityStatisticsProbability and Statistics Teaching
Recommended Resources	-
Work Placement	-

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Probabilistic and Statistical Thinking in Daily Life	
Week - 2		Importance of Probabilistic and Statistical Thinking in Decision Making	
Week - 3		Probabilistic Thinking	
Week - 4		Importance of Probabilistic Thinking	
Week - 5		Development of Probabilistic Thinking	
Week - 6		Learning and Teaching Probabilistic Thinking	
Week - 7		Addressing probabilistic thinking in mathematics curriculum	
Week - 8		Statistical Thinking	
Week - 9		Importance of Statistical Thinking	
Week - 10		Development of Statistical Thinking	
Week - 11		Learning and Teaching Statistical Thinking	
Week - 12		Statistical Literacy	
Week - 13		Relationship between Probabilistic and Statistical Thinking	
Week - 14		Sample Learning-Teaching Applications.	

Learning Outcomes

#	Learning Outcome
1	Describes probabilistic and statistical thinking
2	Explain the importance and development of probabilistic and statistical thinking.
3	Interprets the relationship between probabilistic and statistical thinking
4	Develops exemplary teaching-learning practices

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	40
Final Exam	1	60
	Sum (%)	**100**