Course Syllabus

Code - Course Title	**İST241 - Biostatistics**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**4.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	ÖĞR. GÖR. DR. BÜLENT BATMAZ

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 recomended optional programme component for this course.
Recommended Resources	Kadir Sümbüloğlu ve Vildan Sümbüloğlu (2019). Biyoistatistik, Ankara: Hatiboğlu Yayıncılık.Yalçın Karagöz (2015). Biyoistatistik, Ankara: Nobel Yayıncılık.
Work Placement	N/A

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Presents statistics and biostatistics	
Week - 2		Examines principal definitions and concepts	
Week - 3		Examines data display methods	
Week - 4		Examines measures of location	
Week - 5		Examines insensitive means: Mode, Median and Quantiles	
Week - 6		Examines insensitive means: Mode, Median and Quantiles	
Week - 7		Examines measures of variation	
Week - 8		Examines normal distribution	
Week - 9		Examines binomial distribution	
Week - 10		Examines sampling distributions	
Week - 11		Examines hypothesis testing	
Week - 12		Examines hypothesis testing	
Week - 13		Presents comparison of ratios	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Examines hypothesis testing with small samples	

Learning Outcomes

#	Learning Outcome
1	Defines the principal terms about biostatistics.
2	Collects data related to variable/variables which will be examined and calculates descriptive statistics from these data.
3	Identifies distribution form related to the variable/variables.
4	Applies hypothesis testing via some of the statistical distributions.

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.