Course Syllabus

Code - Course Title	**SAĞ301U - Statistics in Health Sciences**
Course Type	II. SEMESTER
Laboratory + Practice	0+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. HARUN SÖNMEZ

Mode of Delivery	Distance Education
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course.
Work Placement	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Presenting statistics and biostatistics	
Week - 2		Examining principal definitions and concepts	
Week - 3		Examining data display methods	
Week - 4		Graphical representation of the data	
Week - 5		Central tendency measures	
Week - 6		Variability	
Week - 7		Midterm	
Week - 8		Definitions of probability and sampling space	
Week - 9		Random variables and probability distributions	
Week - 10		Examining normal distribution	
Week - 11		Examining binomial distribution	
Week - 12		Non-parametric statistics	
Week - 13		Population statistics and special statistics in the field of health	
Week - 14		Final examination	

Learning Outcomes

#	Learning Outcome
1	define the principal concepts about biostatisitcs.
2	constitute frequency distribution and graphics of the obtained data.
3	Collect data relating to variable/variables which will be examined and calculate descriptive statistics from these data.
4	identify distribution form relating to the variable/variables.

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**