Lesson Name		D. Kodu	Semester	T + U	Kredisi	AKTS
Biostatistics		0804227	Spring	3+0	3	4
Language of the Lesson	Turkish					
Type of Course Unit	Compulsory					
Name of Lecturer(s)	Assist. Prof. Dr. Arif PARMAKSIZ					
Objectives of the Lesson	The aim of this course is; To teach parametric statistical methods to students.					
Lesson Content	Descriptive statistics, Single sample case, Two dependent sample cases, Two independent example cases, Regression and correlation coefficient measurement and importance test, χ2 test.					

Weeks	Topics
1.	Definition of statistics and basic concepts
2.	Frequency Tables Shapes and Graphics
3.	Location measurements and calculation
4.	Dispersion measures and calculation
5.	Discrete population distributions -Binom distribution -Poisson distribution
6.	Continuous population distributions - Standard normal distribution, - Normal distribution approach to explicit distributions.
7.	Midterm
8.	Estimates - Point estimation - Estimation of confidence intervals
9.	Hypothesis tests - Testing data for a group using Z and t statistics
10.	- Comparison of two guruban data using Z and t statistics,
11.	Chi-square analysis
12.	Regression analysis
13.	Correlation analysis
14.	Final

Generic Competences

Resources

Uygulamalı istatistik Prof. Dr. Necati YILDIZ, İstatistik Tamer KAYAALP.

Evaluation System

Midterm : % 40
Final   : % 60