Course title	Descriptive Statistics
Lecturer	Determined later
Lecturer's email address	
Hours	30
ECTS	5
Academic year	2020/2021
Semester	summer
Content	Content provided during the lectures: 1. Introduction to statistics - Types of Data - Construction of Frequency Distribution - Data Presentation 2. Structer Analysis -Measures of central tendency - Partition values - Measures of dispersion -Skewness 3. Correlation and regression anaysis - Calculate and interpret the correlation coefficients - Write and estimate the equation of a regression line - Determine whether or not linear regression is appropriate for a data set - Use a regression equation to make predictions 4. Introduction to time decomposition - Write and estimate the equation of a tendency - Use a tendency equation to make predictions
Learning outcomes	At the end of the course the learner is expected to be able to: The primary goal of the course is to help students understand how the process of posing a question, collecting data relevant to that question, analyzing data, and interpreting data can help them find answers to real problems from the surrounded world. The course is to acquaint students with various statistical methods and their applications in different fields, the basic concepts of data analysis and statistical computing. The course aims to cultivate statistical thinking among students by acquiring appropriate language skills in the field of statistics
Selected literature	1. M.F. Triola, Elementary Statistics, Pearson International Edition, Tenth Edition 2. Johnson R., Siskin B., Elementary Statistics for Business, Duxbury Press, Boston, Second Edition.

	3. Newbold, P., Carlson, W.L., and B. Thorne, (2012), "Statistics for Business and Economics", Pearson, 8th Edition.
Teaching tools/methods	Lectures, Lectures With Discussion, Class Discussion, Case Studies, Exercises, Work in the groups
Form of examination	In-class participation; Presentation based on own researches using the available free databases