

Course: Descriptive Statistics	ECTS Points: 5
Course Code: 0300-EN1-2STA	
Language: English	
Course description: educational content – elective, optional course	
Lecturer: Dr Elzbieta Izabela Misiewicz	
Semester: winter/ <u>summer</u>	Number of hours: 45 Lecture: 15 Classes: 30
<u>Courses to be completed before enrollment to the course:</u>	
Math	
<u>Substantive content</u>	
Lectures	Number of Hours
Introduction to statistics, types of data, sources of data collection.	3
Measures of central location and variability.	4
Measures of asymmetry and concentration.	3
Bivariate correlation.	2
Correlation.	3
Classes	Number of Hours
Types of data.	2
Methods of presenting data.	2
Measures of central location.	6
Measures of variability.	4
Measures of asymmetry and concentration	6
Bivariate correlation and regression.	4
Correlation (Pearson, Kendall, Spearman).	4
Chi-square tests.	2
<u>Aim of the course:</u> The objective of the course is to familiarise the students with the primary tools of Descriptive Statistics, tools that they are confronted with on a daily basis through the media. By the end of the course, the students should have acquired a sufficient ease in the understanding and using of Descriptive Statistics to use it in research.	
<u>Teaching methods:</u> Lecture with class discussion. Practice in computer lab.	
<u>Literature:</u> 1. Jaggia Sanjiv.: Business statistics: communicating with numbers, New York, NY : McGraw-Hill Irwin, cop. 2013 2. Frątczak Ewa, Statistics for management and economics, Warsaw School of Economics, 2015 3. Michna Zbigniew.: Statistics, Wrocław : Publishing House of Wrocław University of Economics, 2014	
<u>Forms and conditions of credit:</u> Lectures: Test Classes: Activity in the class. Presentation of own project based on data from official statistics.	