



Data analysis (Y-009)
(ANDMEANALÜÜS)
(Анализ данных)

SUBJECT DESCRIPTION

Credits (ECTS)	5.00 ECTS
Assessment	grading
Aim of the subject and short description	
<p>This course provides knowledge and skills necessary for proper gathering of data for the purpose of social scientific research and analysis with the help of conclusive statistics, using various software means. Following topics are discussed: planning of sample research, sampling principles, various statistic model distributions, basics of theory of probability and combinatorics, methodology for comparison of sample averages, sample distributions, research of statistical relations and analysis of time sequences. Also, this course develops skills necessary for logical and analytical thinking and mathematical definition of problems</p>	
Learning outcomes:	
<p>Student:</p> <ol style="list-style-type: none">1. Has obtained the basic mathematical knowledge and skills required to pass the curriculum2. Is able to process data using software3. Is able to interpret the results of the statistical analysis conducted4. Is able to plan a statistical research5. Knows and is able to use the main values of descriptive statistics6. Is able to assess the statistical relevance of links and models and interpret the results obtained	