**INTRODUCTION TO DATA ANALYSIS WITH SPSS**

Basic information about the subject ( independent of the cycle)

|  |  |
| --- | --- |
| **Module name** | **Introduction to data analysis with SPSS** |
| Erasmus code |  |
| ISCED code |  |
| Language of instruction |  |
| Website |  |
| Prerequisites | --- |
| ECTS points hour equivalents | **Contact hours (work with an academic teacher)*** 30 - classes
* 4 - consultations

**Total number of hours with an academic teacher 34****Number of ECTS points with an academic teacher** 1**Non-contact hours (students' own work)**30 - preparing students for classes and studying literature30 - preparing students for credits **Total number of non-contact hours** 60**Number of ECTS points for non-contact hours** 2**Total number of ECTS points for the module**3 |
| Educational outcomes verification methods | Practical test |
| Description | SPSS is regarded to be the most widely used statistical software in social sciences, and it has become a common tool also in other sciences (e.g. economics). Introduction to data analysis with SPSS is a course intended for students with few or no experience with the statistical software SPSS. It is designed to introduce the basic statistics necessary to analyze data provided by studies using SPSS. |
| Reading list | 1. Field, A. (2009). Discovering statistics using SPSS, 3rd edition, Londyn: SAGE.
2. Miller, R.L.(2009). SPSS for Social Scientists, Houndsmill: Palgrave.
 |
| Educational outcomes | **KNOWLEDGE**1. Students knows parametrical and non-parametrical procedures of data analyses

**SKILLS**1. Students are able to create data file in SPSS
2. Students are able to conduct statistical analysis using SPSS

**ATTITUDES**1. Students are aware of the assumption of the parametric procedures
 |
| Practice |  |

Information about classes in the cycle

|  |  |
| --- | --- |
| Website |  |
| Educational outcomes verification methods | Practical test |
| Comments | --- |
| Reading list | 1. Field, A. (2009). Discovering statistics using SPSS, 3rd edition, Londyn: SAGE.
2. Miller, R.L.(2009). SPSS for Social Scientists, Houndsmill: Palgrave.
 |
| Educational outcomes | **KNOWLEDGE**1. Students knows parametrical and non-parametrical procedures of data analyses

**SKILLS**1. Students are able to create data file in SPSS
2. Students are able to conduct statistical analysis using SPSS

**ATTITUDES**1. Students are aware of the assumption of the parametric procedures
 |
| A list of topics | 1. creating data files in SPSS
2. working with data
3. running basic statistical analysis (the chi-square, correlations, the t-tests, Anova)
4. reading outputs and interpreting the results of the analysis
 |
| Teaching methods | Lecture, discussion, multimedia presentation, practical tasks |
| Assessment methods | Practical test |