Computer-Based Data Analysis - SPSS - course description

General information

Course name	Computer-Based Data Analysis - SPSS
Course ID	14.2-WP-SOC-SPSS
Faculty	Faculty of Social Sciences
Field of study	WNS - oferta ERASMUS / Sociology
Education profile	-
Level of studies	First-cycle Erasmus programme
Beginning semester	winter term 2022/2023

Course information

Semester	1
ECTS credits to win	4
Course type	obligatory
Teaching language	english
Author of syllabus	• dr hab. Dorota Szaban, prof. UZ

Classes forms

The class form	Hours per semester (full-time)	Hours per week (full-time)	Hours per semester (part-time)	Hours per week (part-time)	Form of assignment
Class	30	2	-	-	Credit with grade

Aim of the course

Using computer and software application in social research, data computation; analyze and interpretation the result of an empirical study;

Prerequisites

Completed statistical methods course

Scope

Introduction to quantity research: questionnaire preparation; SPSS capabilities.

Data collecting: start with SPSS - statistical and data management package for analysts and researchers; data input, coding, sampling error.

Base data analyze: frequencies, descriptive statistics: average, arithmetic mean, mean deviation.

Raw score conversion: recoding, labeling, data reduction.

Variable relation testing: cross tabulation, test of significance, significance level, sampling distribution of x 2 , t test for independent samples.

Teaching methods

Academically supervised student-governed problem oriented project work.

Multimedia learning process – using Power point presentations.

Computer workshop.

Learning outcomes and methods of theirs verification

Outcome description	Outcome symbols	Methods of verification	The class form
Students understands the need of using computer-based data analysis. Students can use IBM SPSS Statistics application to manage with survey data they collect. Students have ability to use basic statistical measures to solve sociological problem.		• Individual assessment based on active participation during the course. Written examination in form of a test. The assessment is performed in accordance with the point grading scale	• Class

Assignment conditions

Individual assessment based on active participation during the course.

Written examination in form of a test. The assessment is performed in accordance with the point grading scale

Recommended reading

1. E. Babbie, Basic of the social research. Chapman University, Wadswarth 2009.
2. Pavkov T. W., Pierce K. A. (2005) Ready, set go! A guide to SPSS for Windows. (10th Ed.). Boston: McGraw-Hill Publishing 2009.

Further reading

Materials and tasks prepared and given by a director of studies.

Notes

the subject can be run every semester, in case there is not enough persons to make a group there will be individual class run during instructor hours.

Modified by dr Magdalena Pokrzyńska (last modification: 25-04-2022 07:51)

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