University of Gdańsk

Subject card

Subject name and code	Introduction to SPSS, PG_00176641		
Field of study	Sociology		
Date of commencement of studies	October 2027	Academic year of realisation of subject	2028/2029
Education level	Bachelor's studies	Subject group	Obligatory subject group in the field of study Subject group related to scientific research in the field of study
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	Polish
Semester of study	4	ECTS credits	2.0
Learning profile	academic	Assessment form	credit
Conducting unit	Institute of Sociology -> Faculty of Social Sciences -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Maciej Dębski	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	30.0	0.0	0.0	30

E-learning hours included: 0.0

Learning activity and number of study hours

Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
Number of study hours	30	0.0	20.0	50

Subject objectives

The course's main goal is to acquire practical skills in quantitative data statistical analysis. Familiarisation with the specifics of data analysis software and demonstration of its application in conducting social research. It involves gaining knowledge of the analytical procedures used in the SPSS package and developing the ability to apply them practically. Preparation for independently conducting a research project, including setting up a database in the programme, data entry, and data analysis.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[SOCL3_W06] The graduate knows and understands in an advanced way methods of quantitative and qualitative sociological research, including observation, interview, document analysis, and knows how to develop and report the results of researchThe graduate knows and understands in an advanced way basic methods of quantitative and qualitative sociological research, including observation, interview, document analysis, and knows how to develop and report the results of research	The student knows and understands the workings of the SPSS program, as well as methods for processing quantitative data sets and reporting research results.	[SW5] implementation of a problem task
[SOCL3_K01] The graduate is ready to appropriately determine priorities in the implementation of a specific task	The student is ready to appropriately prioritize tasks when using the SPSS program.	[SK6] demonstration of practical skills

<table>
<tr><td>Subject contents</td><td>• Presentation of basic concepts in statistics.
• Introduction to working with SPSS.
• Creating and cleaning a database.
• Frequency analysis. Performing a statistical description.
• Recoding variables.
• Calculating variable values.
• Counting occurrences. Data analysis in subsets.
• Aggregating data. Defining and analyzing multiple response sets.
• Cross-tabulations (contingencies) interpretation.
• Calculating chi-square statistics. Discussion of the test.
• Measures of association between variables. Correlation coefficients.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>Advance to the fourth semester of study.

A basic understanding of quantitative research methodology.

Mathematical knowledge at the undergraduate level.</td></tr>
<tr><td>Assessment methods and criteria</td><td><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td></td><td>51.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>Babbie, E. R. (2004). The Practice of Social Research. Wadsworth Publishing Company.</td></tr>
<tr><td>Supplementary literature</td><td>S. Bedyńska, A. Brzezicka, Statystyczny drogowskaz. Praktyczny poradnik analizy danych w naukach społecznych na przykładach z psychologii, Warszawa 2007

J. Górniak, J. Wachnicki, Pierwsze kroki w analizie danych, Kraków 2010

A. Malarska, Statystyczna analiza danych wspomagana programem SPSS, Kraków 2005

M. Nawojczyk, Przewodnik po statystyce dla socjologów, Kraków 2010

G. Wieczorkowska, J. Wierzbiński, Statystyka. Analiza badań społecznych, Warszawa 2010</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td></td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
</table>

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