

Subject card

Subject name and code	Introduction to SPSS, PG_00176641						
Field of study	Sociology						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
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 basic 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_K03] 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		

Subject contents	• 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.								
Prerequisites and co-requisites	Advance to the fourth semester of study. A basic understanding of quantitative research methodology. Mathematical knowledge at the undergraduate level.								
Assessment methods and criteria	<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>	Subject passing criteria	Passing threshold	Percentage of the final grade		51.0%	100.0%		
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Recommended reading	Basic literature	Babbie, E. R. (2004). The Practice of Social Research. Wadsworth Publishing Company.							
	Supplementary literature	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. Wierzbński, Statystyka. Analiza badań społecznych, Warszawa 2010							
	eResources addresses								
Example issues/ example questions/ tasks being completed									
Work placement	Not applicable								

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