

Subject card

Subject name and code	Social statistics and quantitative methodology, PG_00149149						
Field of study	Political Studies						
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		
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	Division of Political Theory -> Institute of Political Science -> Faculty of Social Sciences -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Dominik Bień				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	15.0	0.0	0.0	0.0	15
	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	15		0.0		35.0	50
Subject objectives	Acquire the knowledge and skills to design and conduct surveys (in traditional or online form), process the data in SPSS software, and present them in the form of a report or multimedia presentation.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[POLL3_U12] Can analyse, evaluate, and use the content of the media message	Has the ability to analyze media messages especially the quantitative data present in them	[SU1] oral statement/conversation/discussion [SU8] observation of student's independent or team work
	[POLL3_U03] Is able to analyse and describe the genesis and course of social, political, economic, legal, ethical and cultural processes and phenomena in historical terms and in the contemporary country and the world.	Using the conceptual apparatus and selected quantitative research techniques, is able to describe selected areas of social and political reality	[SU1] oral statement/conversation/discussion [SU3] text preparation/written work
	[POLL3_K01] Is prepared to participate in public life and in teams implementing social, political and civic projects at various levels of participation, and uses the acquired knowledge, skills and competencies to act in an entrepreneurial manner.	Is prepared to participate in the public life of working in teams using or employing quantitative data teams in their operations	[SK1] oral statement/conversation/discussion [SK3] text preparation/written work [SK8] observation of student's independent or team work
	[POLL3_K04] Is prepared to work in public organisations and institutions, including public administration bodies, political parties and other national and international organisations.	Is prepared to work in organizations and institutions in the application of quantitative methods, conduct basic research in this field and analyze quantitative data	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report [SK8] observation of student's independent or team work
	[POLL3_W14] Has extended knowledge of the political organization of societies, transformation processes and relations and bonds at the local, regional and global levels in the scope of the selected module (specialization).	Has knowledge related to quantitative data on regional, national and global changes in social and economic contexts	[SW1] oral statement/conversation/discussion [SW5] implementation of a problem task
	[POLL3_U08] Can use research methods and techniques to describe and analyse political phenomena.	Can use quantitative research methods and techniques and quantitative data to describe political phenomena	[SU1] oral statement/conversation/discussion
	[POLL3_K03] Is ready to define priorities for achieving the tasks set for himself or others.	Based on the recognized research methods and techniques, he is ready to determine the goals and priorities in the conducted research	[SK1] oral statement/conversation/discussion [SK8] observation of student's independent or team work
	[POLL3_W06] Has advanced knowledge of political, cultural, economic, legal and ethical structures, their origins and changes.	Has knowledge based on quantitative data and the changes illustrated by that data in the social, political and cultural spheres	[SW1] oral statement/conversation/discussion
	[POLL3_W10] Has advanced knowledge of political sciences research methodology and its relations with other disciplines of social sciences and humanities.	Is familiar with quantitative research methods based on questionnaire surveys	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report
	[POLL3_W15] Has advanced knowledge of important structures, processes and phenomena related to the history of Poland, Europe, and the world.	Has knowledge of quantitative data relating to changes at regional, national and global levels	[SW1] oral statement/conversation/discussion [SW5] implementation of a problem task
	[POLL3_W13] Has advanced knowledge of the mass media and their role in society.	Has expertise in the use of quantitative data, questionnaires and surveys in the media	[SW1] oral statement/conversation/discussion [SW5] implementation of a problem task

Subject contents	The following topics will be covered during the sessions:		
	definition, characteristics and basic principles of quantitative research		
	Basic statistical concepts		
	Planning quantitative research		
	Characteristics of questionnaire-based research		
	Designing a survey questionnaire		
	Uploading the survey questionnaire to selected survey platforms		
	Using SPSS for statistical data analysis		
	Presenting research results in the form of reports and multimedia presentations		
Prerequisites and co-requisites	Knowledge of basic concepts and issues in the methodology of social sciences		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	student activity	100.0%	20.0%
	science project	51.0%	80.0%
Recommended reading	Basic literature	Babbie E. (2020). Badania społeczne w praktyce. Warszawa 2021 Frankfort-Nachmias Ch. Nachmias D., Metody badawcze w naukach społecznych, Poznan, 2001 Sawinski S., Sztabinski P. B., Sztabinski F. (red.), Podrecznik ankietera, Warszawa 2000 Gorniak J., Pierwsze kroki w analizie danych : SPSS for Windows, Krakow 2004 Siuda P. (red.), Metody badan online, Gdansk 2016	
	Supplementary literature	Jenkins-Smith H.C., Quantitative Research Methods for Political Science, Public Policy and Public Administration: 3rd Edition With Applications in R, Oklahoma, 2017, McNabb D. E., Research Methods for Political Science. Quantitative and Qualitative Methods. New York 2010.	
	eResources addresses		
	Example issues/ example questions/ tasks being completed	What is quantitative research? What does a survey questionnaire consist of? What types of survey questions are there? What is SPSS and what are its basic functions?	
Work placement	Not applicable		

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