

Subject card

Subject name and code	The methodology of research projects, PG_00148804						
Field of study	Pedagogy						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2025/2026		
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	3	ECTS credits			3.0		
Learning profile	academic	Assessment form			exam		
Conducting unit	Division of Didactics and Adult Education -> Institute of Education -> Faculty of Social Sciences -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Karolina Starego				
	Teachers		dr Karolina Starego				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	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		45.0	75
Subject objectives	Familiarizing students with the stages of research in the social sciences and with the methods, techniques and tools used in pedagogical research						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[PEDL3_W12] The graduate knows and understands principles of designing and conducting research in the pedagogy, in particular research problems, methods, techniques and research tools, as well as the basic paradigmatic traditions of social research, from which derive the individual methods;	Student: - knows the types of research in social sciences; - understands the validity of carrying out research from the purpose, subject, research problem to the selection of research method/technique; - knows the basic methods, techniques and research tools used in pedagogical research; - knows the types of sample selection for research, describes their essence; - understands what the development of research results involves.	[SW4] test/exam - oral or written
	[PEDL3_K06] The graduate is ready to conduct research in compliance with the principles of ethics	The student is ready to be critical, analyzing subsequent research steps, including their ethical aspect.	[SK4] test/exam - oral or written
	[PEDL3_W19] The graduate knows and understands principles and ethical norms and fundamental dilemmas of social sciences, as well as the principles of protection of intellectual property	The student knows and understands the ethical dimension of pedagogical research	[SW4] test/exam - oral or written
[PEDL3_U05] The graduate is able to analyse exemplary research and construct and conduct simple pedagogical research, to formulate conclusions, elaborate and present the results as well as indicate the direction of further research	The student is able to provide examples of research problems and discusses the validity of formulating hypotheses and selects appropriate methods, techniques and research tools	[SU4] test/exam - oral or written	
Subject contents	Characteristics of scientific research. Types of pedagogical research (including quantitative and qualitative). Stages of the research process: defining the issue, subject and purpose of research; formulating research problems; making/not making hypotheses; defining variables and indicators; selection of research methods and techniques adequate to research problems/hypotheses, construction of research tools and possibilities of their use; selection of area and samples for research. Research methods and techniques, with particular emphasis on the possibilities of their use in pedagogical research and the limitations in their use (pedagogical experiment, pedagogical monograph, individual case method, diagnostic survey, observation, interview, survey, document analysis, sociometry). Development of research materials. Ethical aspects of research work.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	written exam	50.0%	100.0%
Recommended reading	Basic literature	<p>Pilch T., Bauman T., Principles of pedagogical research: quantitative and qualitative strategies, Wydaw. Academic "Żak", Warsaw 2010.</p> <p>Rubacha K., Methodology of educational research, Academic and Professional Publishing Houses, Warsaw 2008.</p> <p>Konarzewski K., How to conduct educational research: practical methodology, WSiP, Warsaw 2002.</p> <p>Łobocki M., Introduction to the methodology of pedagogical research, Oficyna Wydawnicza "Impuls", Kraków 2007.</p> <p>Zaczyński W., Teacher's research work, WSiP, Warszawa 1997.</p> <p>Bauman T. (ed.), The practice of pedagogical research, Oficyna Wydawnicza "Impuls", Kraków 2013.</p>	

	Supplementary literature	<p>Babbie E. R., Social research in practice, Wydaw. Scientific PWN, Warsaw, year of publication any.</p> <p>Nowak S., Methodology of social research, Wydaw. Naukowe PWN, Warszawa 2007.</p> <p>Frankfort-Nachmias C, Nachmias D., Research methods in social sciences, Wydaw. "Zysk i S-ka", Poznań 2001.</p> <p>Góralski A. (ed.), Pedagogical research methods in outline, Wydawnictwo Higher School of Special Education named after M. Grzegorzewska, Warsaw 1994.</p> <p>Guziak-Tkacz M., Diagnostic research in pedagogy and psychopedagogy, Publisher. Academic "Żak", Warsaw 2011.</p> <p>Łobocki M., Methods and techniques of pedagogical research, Oficyna Wydawnicza "Impuls", Kraków 2000.</p> <p>Sztumski J., Introduction to methods and techniques of social research, Pub. Scientific "Śląsk", Katowice 1999.</p> <p>Rubacha K. (ed.), Conceptualizations of the subject of pedagogy research, Oficyna Wydawnicza "Impuls", Kraków 2008.</p> <p>Oppenheim A.N., Questionnaires, interviews, attitude measurements, Ed. Zysk i S-ka, Poznań 2004.</p> <p>Palka S., Methodology. Tests. Pedagogical practice, Gdańskie Wydaw. Psychological, Gdańsk 2006.</p>
	eResources addresses	
Example issues/ example questions/ tasks being completed	<p>Differences between qualitative and quantitative social research strategies</p> <p>Characteristics of individual social research paradigms</p> <p>Reconstruction of the process of creating a research project in a quantitative and qualitative strategy</p> <p>characteristics of individual methods, techniques and research tools</p> <p>Ethical dimensions of social research</p>	
Work placement	Not applicable	

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