

Subject card

Subject name and code	The methodology of research projects, PG_00185556						
Field of study	Pedagogy						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2027/2028		
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	3		ECTS credits		2.0		
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						
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		20.0	50
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_W16] Graduates know and understand the methodology of scientific research applied in the humanities and social sciences, in particular the principles of designing and conducting scientific research in the field of pedagogy and the postulate of multi-paradigmaticity.	Graduates know and understand the methodology of scientific research applied in pedagogy.	[SW4] test/exam - oral or written
	[PEDL3_U21] Graduates are able to distinguish between methodological approaches in scientific research in the field of pedagogy, formulate research objectives and problems, select appropriate methods and techniques, construct research tools, develop, present and interpret research results, draw conclusions, and indicate directions for further research within a selected area of pedagogy.	Graduates are able to distinguish between methodological approaches in scientific research in the field of pedagogy, formulate research objectives and problems, select appropriate methods and techniques, construct research tools, develop, present, and interpret research results, draw conclusions, and indicate directions for further research within a selected area of pedagogy.	[SU4] test/exam - oral or written
	[PEDL3_U28] The graduate is able to cooperate with members of research teams at every stage of the design and implementation of scientific research	The graduate is able to work in a research team.	[SU4] test/exam - oral or written
	[PEDL3_W17] Graduates know and understand the methodological assumptions and principles as well as ethical standards of designing and conducting scientific research in the field of pedagogy	Graduates know and understand the methodological assumptions and principles as well as ethical standards of designing and conducting scientific research in the field of pedagogy.	[SW4] test/exam - oral or written
	[PEDL3_K08] In terms of social competences, graduates are prepared to appreciate the traditions and achievements of scientific research in the field of pedagogy, as well as to continue and expand them into new areas and research procedures.	Graduates are prepared to appreciate the achievements of scientific research in pedagogy.	[SK4] test/exam - oral or written
	[PEDL3_U29] Graduates are able to creatively apply theories concerning human development, socialisation, upbringing, teaching and learning, and critically evaluate them.	Graduates apply theories of human development, socialization, upbringing, and education, and critically evaluate them.	[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	51.0%	100.0%

Recommended reading	Basic literature	Pilch T., Bauman T., Principles of pedagogical research: quantitative and qualitative strategies, Wydaw. Academic "Żak", Warsaw 2010. Rubacha K., Methodology of educational research, Academic and Professional Publishing Houses, Warsaw 2008. Konarzewski K., How to conduct educational research: practical methodology, WSiP, Warsaw 2002. Łobocki M., Introduction to the methodology of pedagogical research, Oficyna Wydawnicza "Impuls", Kraków 2007. Zaczyński W., Teacher's research work, WSiP, Warszawa 1997. Bauman T. (ed.), The practice of pedagogical research, Oficyna Wydawnicza "Impuls", Kraków 2013.
	Supplementary literature	Babbie E. R., Social research in practice, Wydaw. Scientific PWN, Warsaw, year of publication any. Nowak S., Methodology of social research, Wydaw. Naukowe PWN, Warszawa 2007. Frankfort-Nachmias C, Nachmias D., Research methods in social sciences, Wydaw. "Zysk i S-ka", Poznań 2001. Góralski A. (ed.), Pedagogical research methods in outline, Wydawnictwo Higher School of Special Education named after M. Grzegorzewska, Warsaw 1994. Guziak-Tkacz M., Diagnostic research in pedagogy and psychopedagogy, Publisher. Academic "Żak", Warsaw 2011. Łobocki M., Methods and techniques of pedagogical research, Oficyna Wydawnicza "Impuls", Kraków 2000. Sztumski J., Introduction to methods and techniques of social research, Pub. Scientific "Śląsk", Katowice 1999. Rubacha K. (ed.), Conceptualizations of the subject of pedagogy research, Oficyna Wydawnicza "Impuls", Kraków 2008. Oppenheim A.N., Questionnaires, interviews, attitude measurements, Ed. Zysk i S-ka, Poznań 2004. Palka S., Methodology. Tests. Pedagogical practice, Gdańskie Wydaw. Psychological, Gdańsk 2006.
	eResources addresses	

Example issues/ example questions/ tasks being completed	Differences between qualitative and quantitative social research strategies Characteristics of individual social research paradigms Reconstruction of the process of creating a research project in a quantitative and qualitative strategy characteristics of individual methods, techniques and research tools Ethical dimensions of social research
Work placement	Not applicable

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