

Course title:	Experiments in pedagogy and psychology
Course title in Polish:	Badania eksperymentalne w pedagogice i psychologii
Course for discipline:	sociology and pedagogy

Semester:	6	Status of course:	faculty	Language:	english
Academic year:	2027/28	Catalog number:	214/2025/26		

Coordinator of course:	Anna Rędzio
Lecturer od course:	Anna Rędzio
Executing unit:	
Ordering unit:	Doctoral School SGGW
Assumptions, goals and description of the course:	The aim of the course is to acquire the skills necessary to plan, conduct and critically analyze the experimental research. Experiments will be compared with other types of scientific studies, the conditions and methods for proper conducting experimental studies as well as their ethic aspects will be described during the classes, and the correct interpretation of experiments' results will be taught.
Didactic form, number of hours:	Seminar: 15 hours
Teaching methods:	Interactive lecture, problem-based learning, group work, discussion
Limit of people in the group:	20

Learning outcomes

KNOWLEDGE - the graduate knows and understands:	SKILLS - the graduate is able to:	COMPETENCES - the graduate is ready to:
To the extent enabling to revise the existing paradigms in the field/discipline - the world achievements, gathering theoretical background as well as general and selected detailed issues	Carry out critical assessment of the scientific research findings and expert activities and their contribution to the knowledge development in the field/discipline	Critically evaluate the achievements in the field/discipline represented
Major general development trends in the field/discipline		Recognise knowledge in solving cognitive and practical problems characteristic for the area of research (field/discipline) and in an interdisciplinary aspect
		Support the ethos of scientific circles and conduct independent research
The method of verification of learning outcomes:	A project of an experimental study	
Form of documentation of achieved learning outcomes:	PDF or Word document	
Elements and weights of the final grade:	100% of grade for the project	
Place of the course:	seminar room	

Basic and supplementary literature

Basic:	<ol style="list-style-type: none"> 1. Rooney B.J., Ness Evans A. Methods in Psychological Research. Sage, 2018. 2. Cresswell J. W. Educational Research - Planning, Conducting and Evaluating. Pearson, 2024. 3. Babbie E., The Basics of Social Research. Cengage Learning, Inc., 2015.
Supplementary:	<ol style="list-style-type: none"> 1. Cohen L, Manion L., Morrison K. Research Methods in Education. Taylor & Francis Ltd., 2017. 2. Penchev D. Methodological Basics of the Experimental Pedagogy. Pedagogika-Pedagogy, 2025 (1). 3. Horakova T., Houska M. On Improving the Experiment Methodology in Pedagogical Research. International Education Studies 7(9), 2014.
Comments:	

Estimated number of hours of work of the doctoral student necessary to achieve the assumed learning outcomes:	
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Learning outcomes reference to the second degree characteristics of the National Qualification Framework (level 8) covering doctoral competences:		
Symbol:	Learning outcomes:	8 level NQF
SD1_KW01	To the extent enabling to revise the existing paradigms in the field/discipline - the world achievements, gathering theoretical background as well as general and selected detailed issues	P8S_WG
SD1_KW02	Major general development trends in the field/discipline	P8S_WG
SD1_KU05	Carry out critical assessment of the scientific research findings and expert activities and their contribution to the knowledge development in the field/discipline	P8S_UW
SD1_KK01	Critically evaluate the achievements in the field/discipline represented	P8S_KK
SD1_KK03	Recognise knowledge in solving cognitive and practical problems characteristic for the area of research (field/discipline) and in an interdisciplinary aspect	P8S_KK
SD1_KK08	Support the ethos of scientific circles and conduct independent research	P8S_KR