

Syllabus of an educational component of a degree programme

Name of unit conducting a component	<i>Doctoral School of Social Sciences</i>
Name of an educational component	Research Design: Qualitative, Quantitative, and Mixed Methods Approaches
Language of education	English
Goals of education	The main goal of this course is to equip participants with relevant knowledge, skills and awareness of using the proper research methods in solving the research questions in social science perspective. First, the formulation of the research question is a key to identify, design and then describe what kind of research methods (quantitative, qualitative or mix) and why will be the best and correct to apply. The evaluation of research methods in various socio-economic context will be discussed.
Learning outcomes of an educational component	<p>The educational component aims to equip students in:</p> <p>Knowledge:</p> <ul style="list-style-type: none"> - To know what kind of methods could be applied for the scientific research - To know how to design the research process from the idea till final outcome, with focus on adequate research methods - To learn the research techniques used in research from various perspectives of social sciences - To learn about qualitative, quantitative and mixed method approach in research <p>Skills:</p> <ul style="list-style-type: none"> - To be able to apply adequate methods to the research problems/research questions - To be able to use in the research plan the methods and describe the aim of the research with research questions, the way how the methods will be used, how they will be monitored and outcome of the methods analyzed, presented - To be able to assess the adequacy of using the certain methods in the specific research context <p>Competences:</p> <ul style="list-style-type: none"> - To develop ability of organizing the research process

	<ul style="list-style-type: none"> - To be open for constructive feedback about using the methods in research and provide the comments about research design in social science research - To be able to collaborate in preparing the research design - To be able to prepare the own research project in given time - To be able to apply the ethical aspects in the research
Verification methods and assessment criteria of learning outcomes obtained by students	<ul style="list-style-type: none"> - Group discussions and joint work during the course - 2-3 individual homework - Proposal of the research design (up to 5 pages) - Discussion about the research design
Type of an educational component (obligatory/optional)	Optional
Year of study	1 st
Semester	Winter
Name and surname of the coordinator of a component and/or person/s conducting a component	dr hab. Jolanta Perek-Białas, prof. UJ
Name and surname of person/s conducting an examination or granting credit in the case when this is other person than conducting a component	dr hab. Jolanta Perek-Białas, prof. UJ
Manner of completion	Successful pass depends on active participation in the course, individual homework, written proposal of the research design and its presentation the research design as well as written exam
Preliminary and additional requirements	None
Type and number of hours of courses requiring direct participation of academic staff and students, if in a given component such courses are included	30 hours (lecture/seminar/workshop)
Number of ECTS credits assigned to a component	3 ECTS
Balance of ECTS credits	
Applied teaching methods	Lecture, Workshop, Seminar, Discussion, Case study, Project, Group work, presentations
Form and conditions of passing a component, including conditions of allowing to take an examination, as well as form and conditions of	Written exam (20%) Active participation in course, including homework (20%)

<p>passing each type of courses included in a given component</p>	<p>Research design project (60%)</p> <p>To pass there is a need to achieve at least 60% of the total score.</p>
<p>Content of an educational module (with division into forms of courses completion)</p>	<p>PhD level introduction to research design from a methodology perspective. Examines various research methods with illustrations drawn from specific studies from social science. Includes discussion of the scientific both quantitative, qualitative and mix-mode method and research design, issues of problem selection, data collection, data management, data analysis, ethics, and research report evaluation.</p> <ol style="list-style-type: none"> 1. Decisions about the research approach and paradigm 2. Review of the literature/secondary data analysis 3. Use of theory in the research 4. Research Questions and Hypothesis 5. Overview of the research methods 6. Quantitative methods: why and when to use surveys 7. Experiments - design, examples 8. Qualitative Methods – overview and application in science 9. Researcher’s role in data collection 10. Data recoding and data analysis 11. Mixed Method Procedures 12. Sampling and/or selection of cases for various studies 13. Writing the research design proposal 14. Ethical issues in the research design 15. Evaluation of the research design
<p>List of basic as well as supplementary literature, knowledge of which is required in order to pass a given component</p>	<p><u>Obligatory:</u></p> <p>Bernard, H. Russell. <i>Social Research Methods: Qualitative and Quantitative Approaches</i>, 2nd edition. Newbury Park, CA: Sage, 2012.</p> <p>Creswell, J. W., & Creswell, J. D. (2017). <i>Research design: Qualitative, quantitative, and mixed methods approaches</i>. Sage publications.</p> <p>Additional literature will be given at the beginning of the course</p>