**Syllabus of an educational component of a degree programme**

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| Name of unit conducting a component | ***Doctoral School of Social Sciences*** |
| 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 | The educational component aims to equip students in:  Knowledge:   * 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   Skills:   * 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   Competences:   * To develop ability of organizing the research process * 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 | * 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, 2 |
| 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 sposóis 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 | 2 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 passing each type of courses included in a given component | Written exam (20%)  Active participation in course, including homework (20%)  Research design project (60%)  To pass there is a need to achieve at least 60% of the total score. |
| Content of an educational module (with division into forms of courses completion) | 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.  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 |
| List of basic as well as supplementary literature, knowledge of which is required in order to pass a given component | Obligatory:  Bernard, H. Russell. Social Research Methods: *Qualitative and Quantitative Approaches*, 2nd edition. Newbury Park, CA: Sage, 2012.  Creswell, J. W., & Creswell, J. D. (2017). *Research design: Qualitative, quantitative, and mixed methods approaches*. Sage publications.  Additional literature will be given at the beginning of the course |