

Name of the course: RESEARCH METHODOLOGY IN PHYSICAL EDUCATION AND SPORT		
Teacher(s): Aleksandar Nedeljković, Olivera Knežević		
Course status: compulsory		
Number of ECTS points: 15		
Requirement: none		
Course objective: To enable, through theory and practice, a comprehensive view and understanding of the research process, especially experimental methods of researching human locomotion.		
Outcome of the course: As a result of successful fulfillment of all obligations proposed by the course program, it is expected that students will be able to: <ul style="list-style-type: none"> • identify a research problem, search and analyse the relevant literature, understand the theories and methods (related to the selected problem), • independently plan the dynamics and realization of necessary phases of research, • independently write the research reports in the given form (dissertation, scientific paper), • have an objective critical attitude towards the results of others, as well as towards the results of their own research. 		
Content of the course: PART I: Overview of the research process Introduction to research in physical activity (physical exercise); Problem identification and use of literature; Problem description; Formulation of methods; Ethical principles in research and education; PART II: Review of research in various fields of sports and physical education Historical research of physical activity; Philosophical research of physical activity; Research synthesis (Meta-Analysis); Observation-based research; Other descriptive statistical methods; Epidemiological research of physical activity; Experimental and quasi-experimental research; Qualitative research PART III: Writing a research paper Completion of the research process; Ways of presenting the results of the completed research		
Recommended literature 1. Thomas JR, Nelson JK., Silverman SJ, Research Methods in Physical Activity. 7 th Edition. Champaign, IL: Human Kinetics; 2015.		
Number active classes	Theory: 4	Practice:
Course delivery methods Theoretical lectures, Workshops, Study research work		
Knowledge assessment (maximum number of points 100) Prerequisites: Engagement during lectures (25 points), colloquium (15 points), seminar paper (25 points) Exam requirements: Final written exam (35 points)		
Testing ways may vary: (written exams, oral exams, project presentations, seminars, etc.)		
*maximum length 1 A4 page		