

Course title: RESEARCH METHODS				
Lecturer or lecturers (for lectures): Nedeljko C. Aleksandar, Jaric M. Slobodan				
Course status: Obligatory				
ECTS: 15				
Condition: none				
Course objectives: To enable comprehensive consideration and understanding of research process through theory and practice, especially experimental research methods of human locomotion.				
Course outcome: As a result of successful accomplishment of all obligations that are proposed by the curriculum, it is expected that the students will be able to: <ul style="list-style-type: none"> • independently select the research problem, search, analyze the appropriate literature, theories and methods (regards the selected problem). • independently create the time dynamics and both plan and realize the necessary research phases. • independently write the research report (in specified form, dissertation, scientific paper). • have objective critical attitude regarding the results of both own and other researcher investigations. 				
Contents description: I part: Review of research process - Introduction in the research of physical activity (physical exercise); Setting-up the problem and use of the literature; Review of the problem; Formulating the methods; Ethical principles in the research and education. II part: Review of the researches in different fields of sport and physical education - Researches in the history of physical activity; Researches in the philosophy of physical activity; Research synthesis (Meta-analysis); Researches based on introspection; Others descriptive statistical methods; Epidemiological researches in physical activity; Experimental and quasi-experimental research; Qualitative research. III part: Writing of research paper - Completion of the research process; Different ways to show results of completed research.				
References: 1. Thomas JR, Nelson JK., Silverman SJ, Research Methods in Physical Activity. Champaign, IL: Human Kinetics; 2005.				
No. of active classes				Other classes:
Lectures: 4	Exercises/ Practical classes:	Other forms of teaching:	Study research work: 6	
Teaching method Theoretical lectures; seminars, assignments, work within the small groups				
Knowledge assessment (maximum score 100)				
Exam prerequisites	points	Final examination	points	
Class Activities	10	Written examination	40	
Practical instruction		Practical examination		
Preliminary exam / Colloquium	20	Oral examination		
Seminar papers	30		