

Name of the course: SEMINARS ON APPLIED RESEARCH IN BIOMECHANICS AND MOTOR CONTROL		
Teacher(s): Ilić B. Duško, Mrdaković D. Vladimir		
Course status: Elective		
Number of ECTS points: 10		
Requirement: Attended the course Biomechanics and Motor control		
Course objective: To interest students in independent search and analysis of modern research in the field of biomechanics and motor control in order to gain new knowledge and better understanding of human movement when performing simple and complex motor tasks, and in relation to achieving increasingly standardized and correct performance techniques, as well as the most successful learning methods.		
Outcome of the course: Through systematic work and fulfillment of all subject obligations, each student should: 1) acquire the habit of recognizing the advantages and disadvantages in the setting of motor tasks with a systematic approach and knowledge of modern knowledge in the field of Biomechanics and Motor control; 2) know advanced techniques of searching scientific literature in the field of Biomechanics and Motor control, as well as clear theoretical connection between them; 3) has the ability to independently design new research problems and carry out all the necessary steps of creating a research procedure in order to examine them.		
Content of the course: Gaining insight and getting acquainted with the techniques of conducting modern research in the field of Biomechanics and Motor control. Linking newly acquired knowledge with research projects published in influential international journals. Critical analysis of previous research in the field of student personal interest. Creating conditions for the formation of a successful criterion standard for movement analysis in order not to make methodological errors in the analysis of monitored variables. Writing a review seminar paper on a selected topic.		
Recommended literature Primary sources		
Number active classes	Theory: 4	Practice:
Course delivery methods Seminars		
Knowledge assessment (maximum number of points 100) Activity during lectures 70 Review paper 30		
Testing ways may vary: (written exams, oral exams, project presentations, seminars, etc.)		
*maximum length 1 A4 page		