

Study program / study programs: Sport			
Type and level of studies: Basic professional studies			
Course title: ANALYTICS AND DIAGNOSTICS			
Lecturer or lecturers (for lectures): Dopsaj J. Milivoj			
Lecturer / Associate (for practice): Dopsaj J. Milivoj			
Course status: Obligatory			
ECTS: 4			
Condition: None			
Course objectives: The course Analytics and Diagnostics in Training should enable students to familiarize themselves with and practically adopt basic theoretical settings and principles, as well as the basics of practical skills in terms of analyzing phenomena in the sports system (Sports organization, direct factors in sports - athletes or trainers, sports training systems or competitions ...etc).			
Course outcome: Each student should acquire basic theoretical knowledge and master the basic applied skills from the aspect of analytics and diagnostics of the phenomenon relevant to sport. Also, they will be able to independently apply the necessary analytical and diagnostic procedures in relation to defining, analyzing and diagnosing the state-fitness preparation and competitive efficiency of the athlete and the team.			
Contents description: <i>Theory teaching</i> Defining the object, objective and task of the subject; Analyzes of existing theories - Theory of motor space, Theory of efficiency, Theory of control of sports training, Theory of testing - Basics of metrological procedures in Sport (measurement and assessment of physical abilities, measurement and evaluation characteristic of training work; measuring and evaluating competitive efficiency). <i>Practical teaching</i> Physical fitness testing; Defining norms; Models of writing expert reports from testing; Models of writing professional reports of realized trainings; Models of writing expert reports for the analysis of competitive activities; Design of analytical-diagnostic systems.			
References: 1. Basics of analytical and diagnostic procedures / procedures in FV and Sport (a textbook in preparation). 2. Koprivica, V. (2013). Teorija sportskog treninga – prvi deo (Theory of sports training - the first part), FSFV, University of Belgrade 3. Power Point presentations from classes.			
No. of active classes			Other classes: 4
Lectures: 2	Practical classes: 1	Other forms of teaching: Study research work:	
Teaching method Theoretical lectures, practical exercises, exercises, presentations and practical lessons			
Knowledge assessment (maximum score 100)			
Exam prerequisites	points	Final examination	points
Class Activities	5	Written examination	
Practical instruction	10	Practical examination	
Preliminary exam / Colloquium		Oral examination	55
Seminar papers	30		