

1. GENERAL INFORMATION			
1.1.Course teacher	Prof. Goran Sporiš, Ph.D.	1.6.Year of the study programme	5
1.2.Name of the course	NOTATIONAL ANALYSIS	1.7.Credits (ECTS)	2
1.1. Associate teachers		1.8.Type of instruction (number of hours L + S + E + e-learning)	30 (20L+10S)
1.2. Study programme (undergraduate, graduate, integrated)	Integrated	1.9.Expected enrolment in the course	30
1.3. Status of the course	Elective	1.10.Level of application of e-learning (level 1, 2, 3), percentage of online instruction (max. 20%)	0
2. COURSE DESCRIPTION			
2.1.Course objectives	To give the student knowledge about the purpose of manual and computerized notation systems. The application of notational analysis with the aim to evaluate tactics, technique, movement quality, then to develop and model data base and to educate coaches and players. Similarities of and differences between the biomechanical and notational analysis. Audi-visual and computer equipment in manual and computerized notational analysis. The application of diverse softwares for the technical and tactical performance analyses (notation system and monitoring system).		
2.2.Course enrolment requirements and entry competences required for the course	No enrolment requirements.		
2.3. Learning outcomes at the level of the programme to which the course contributes	The basic characteristics of manual and computerized notation systems. Advantages and drawbacks of the manual and computerized notation systems. Reliability, objectivity and validity of various notation systems.		
2.4. Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	The production and development of one's own notation system. Data collecting systems: distribution diagrams, frequency tables and serial data systems. Generic notation systems in matches (team sports). The comparison of the groups of results obtained by the notational analysis and introduction to the scientific investigations related to the implementation of notational analysis.		
2.5. Course content broken down in detail by weekly class schedule (syllabus)	<p>Lectures (4 contact hours are allocated to each topic)</p> <ol style="list-style-type: none"> 1. Fundamental characteristics of manual and computerized notation systems. 2. Advantages and drawbacks of the manual and computerized notation systems. 3. Reliability, objectivity and validity of various notation systems. 4. The application of notational analysis to the evaluation of tactics and techniques, to the movement analysis, to the development and modelling of data bases, and to the education of coaches and players. 5. Similarities of and differences between the biomechanical and notational analyses. <p>Seminars</p> <ol style="list-style-type: none"> 1. Audio-visual and computer equipment in manual and computerized notational analysis. (3) 		

	2. The application of diverse softwares to tactical and technical performance analysis (notation system and monitoring systems) (3)				
	3. The comparison of the groups of results obtained by the notational analysis and introduction to the scientific investigations related to the implementation of notational analysis. (4)				
2.6.Format of instruction:	<input checked="" type="checkbox"/> lectures	<input checked="" type="checkbox"/> independent assignments	2.7.Comments:		
	<input checked="" type="checkbox"/> seminars and workshops	<input type="checkbox"/> multimedia and the internet			
	<input type="checkbox"/> exercises	<input type="checkbox"/> laboratory			
	<input type="checkbox"/> on line in entirety	<input type="checkbox"/> work with mentor			
	<input type="checkbox"/> partial e-learning	<input type="checkbox"/> (other)			
	<input type="checkbox"/> field work				
2.8.Student responsibilities					
2.9.Screening student work (name the proportion of ECTS credits for each activity so that the total number of ECTS credits is equal to the ECTS value of the course)	Class attendance		Research		Practical training
	Experimental work		Report		(other)
	Essay		Seminar essay		(other)
	Tests		Oral exam		(other)
	Written exam		Project		(other)
2.10. Grading and evaluating student work in class and at the final exam	Class attendance 25% Seminar paper 25% Oral exam 25% Practical training 25%				
2.11. Required literature (available in the library and via other media)	Title			Number of copies in the library	Availability via other media
	1. Talović, M., Fiorentini, F., Sporiš, G., Jelešković, E., Ujević, B., Jovanović, M. (2011). Notacijska analiza u nogometu . Sarajevo: Fakultet sporta i tjelesnog odgoja, Sveučilišta u Sarajevu.				
	2. Hughes, M., Dancs, H., Nagyvárad, K., Polgár, T., James, N., Sporis, G., Vuckovic, G. (Eds.) (2010). Research Methods and Performance Analysis . Szombathely, Hungary: University of West Hungary.				
2.12.Optional literature (at the time of submission of study programme proposal)	1. Jelešković, E., Jozak, H., Talović, M., Sporiš, G., Ramadanović, M. (2010). Correlation between Fitness profile and situation efficiency in soccer . Homo Sporticus. 12, 2; 11-16				
	2. Sporis, G., Naglič, V., Milanović L., Talović, M., Jelešković, E. (2010). Fitness Profile Of Young Elite Basketball Players (Cadets) . Acta Kinesiologica. 4, 2: 62-68.				
	3. Šamija, K., Sporiš, G., Jozak, H., Talović, M., Jelešković, E. (2010). Correlation Between The Indicators Of Situational Efficiency, Morphological Characteristics And Functional Abilities Of Football Players . Sport Science. 3, 2: 39-44.				
	4. Sporiš, G., Vučetić, V., Jerković, M. (2007). The relationship between sprinting and kicking performance . International Journal of Performance Analysis in Sport. 6, 1: 120-129.				
	5. Sporiš, G., Šango, J., Vučetić, V., Mašina, T. (2006). Latent Structure of Standard Indicators of Game Related Efficiency in Basketball . International Journal of Performance Analysis in Sport. 6, 1: 120-129.				
2.13.Quality assurance methods that ensure the acquisition of exit competences	Anonymous student survey.				