
		UNIVERSITY OF EAST SARAJEVO					
		Faculty of Medicine					
		Study program:medicine					
		Integrated academic studies		II study year			
Full subject title		PHYSIOLOGY OF SPORT					
Department		Department for preclinical subjects, Faculty of Medicine in Foca					
Subject code			Subject status		Semester		ECTC
ME-02-2-022-3			elective		III		1
Professor/ -s		full prof. Zvezdana Kojic, PhD; full prof. Sinisa Ristic, PhD; assoc. prof. Nenad Ponorac, PhD					
Associate/ -s							
Number of lectures/ teaching workload (per week)			Individual student workload (in hours per semester)			Coefficient of student workload S ₀ ¹	
L	E	SP	L	E	SP	C ₀	
1	0	0	1*15*1	0*15*1	0*15*0	1	
total teaching workload (in hours, per semester) 1*15 +0*15 + 0*15 = 15			total student workload (in hours, per semester) 1*15*1 + 0*15*1 + 0*15*0 = 15				
Total subject workload (teaching + student): 15+ 15 = 30 hours per semester							
Learning outcomes		understanding the theoretical basis of physiology of sports and functional diagnostics in sports					
General competences		They are prepared for further development and advances within the field of medicine. They are capable of acting in accordance with rational and scientific concepts and principles. They have an unbiased attitude towards new scientific methods in medicine.					
Preconditions		Precondition for taking the exam: all year I exams passed					
Teaching methods		Theoretical lectures, theoretical seminars,					
Subject content per week		Lectures: 1. Homeostasis in sports 2. muscle contraction 3. neurophysiology of sport 4. neurophysiology of sport 5. sport - growth and development of the organism 6. sport - sensibility and senses 7. sport - organization of motoricity 8. sport - organization of motoricity 9. sport - organization of motoricity 10. sports and cardiovascular system 11. sport - respiration, kidneys 12. sport git, nutrition 13. sport - energy 14. sport - endocrine system 15. sport - physiology in extreme conditions					
Compulsory literature							
Author/s		Publication title, Publisher			Year	Pages (from-to)	
Sinisa Ristic		Skripta iz fiziologije sporta (in preparation)					
Additional literature							
Author/s		Publication title, Publisher			Year	Pages (from-to)	
Student responsibilities, types of student assessment and grading		Grading policy			Points	Percentage	
		Pre-exam activities					
		lecture/exercise attendance			5	5%	
		case study – group work			5	5%	
		test			40	40%	
		Final exam					
			test	10	10%		

¹ Coefficient of student workload S₀ is calculated as it follows:

a) for the study programs not going through the licensing process: S₀ = (total workload in semester for all the subjects 900 hrs – total teaching workload L+E in semester for all the subjects 870 hrs)/ total teaching workload L+E in semester for all the subjects ____ hrs = _____. Consult form content and its explanation.

b) for the study programs going through the licensing process, it is necessary to use form content and its explanation.

	oral exam	40	40%
	Total	100	100 %
Certification date	June 17th 2024		