


University of Niš Faculty of Medicine	Study program: INTEGRATED ACADEMIC STUDIES OF MEDICINE <i>ACCREDITATION 2018</i>	
Course: Pathophysiology of sport		
Course head: prof. dr Dijana Stojanović		
Course status:	Elective	
Semester: VIII	Study year: IV	
ECTS: 4	Course code: M-IV-27.a	
Course purpose:		
Students should gain knowledge of the pathophysiology of nutrition, training and psychophysical ability of athletes. At the same time, the problems of doping, acute and chronic diseases in athletes and impact of sports on proper physical and psychological development of different age groups are dealt with.		
Course outcome: (knowledge, skills, attitudes)		
Upon completion of the course, students will be well acknowledged with the pathophysiological basis of nutrition-related disorders, procedures for the assessment of nutritional status and correction of disorders. Good command of etiopathogenetic approach to different problems in athletes will enable rational approach to diagnosis, prevention and elimination of disorders such as fatigue, alcohol use, coffee use, refreshments with stimulative action; use of drugs before and during competitions, jet lag and jet stress. At the same time, students will be informed about the problems of doping in sports; presence of chronic and malignant diseases in athletes, reanimation of athletes experiencing sudden cardiac death etc. Students will learn about the specific problems of athletes' workload during preparation and training in normal and high altitude conditions.		
Nr. of classes of active teaching: 60		
Lectures: 30	Practice: 30	
Recommended literature:		
<ol style="list-style-type: none"> 1. Jakovljević J, Dikić N, ur. Sportska medicina. Kragujevac: Inter Print Kragujevac; 2016. 2. Đuršković R. Sportska medicina. Niš: M Kops Centar; 2009. 		
Teaching methods:		
<ul style="list-style-type: none"> ▪ Interactive theoretical and practical teaching ▪ Consultations ▪ Seminar papers ▪ Small group work Tests for knowledge check up purposes will be used during practical classes.		
Required previously passed exams:		
None		
Grade (max. 100 points)		
Pre-exam obligations		
<ul style="list-style-type: none"> ▪ Activity at classes – predavanja: 0 – 10 points ▪ Activity at classes – practice: 0 – 20 points ▪ Seminar: 0 – 10 points 		
Final exam		
<ul style="list-style-type: none"> ▪ Written exam: 0 – 60 points 		