

Study program: Physical Education and Sport				
Type and level of studies: Basic academic studies				
Course title: BIOLOGY OF HUMAN DEVELOPMENT AND ELEMENTS OF SPORTS MEDICINE				
Lecturer or lecturers (for lectures): Ugarković D. Dušan, Macura M. Marija				
Lecturer / Associate (for practice): Macura M. Marija, Marković B. Branka				
Course status: Obligatory				
ECTS: 4				
Condition: passed the exam from the subject Functional anatomy				
Course objectives: The course objective is for the students to get to know the processes of growth and development of organic systems and also the influences of sport and recreational activities and to get to know the basic sports injuries and damage and ways to apply first aid, prevention and treatment				
Course outcome: the student is trained to follow the effects of practicing on biological development, to take precaution for preventing injuries during physical activity				
Contents description:				
<i>Theoretical instruction</i>				
1. The Systematic place of humans in nature, biological principles of growth and development 2. Development of organic systems 3. The physical maturity of children, acceleration 4. Women and sport 5. Physical training an health (positive effects) 6. Sports pathology				
<i>Practical classes:</i>				
1. Body composition 2. Sports ergometry 3. First aid				
References:				
Ugarković, D. (2004): Bimedicinske osnove sportske medicine (Biomedical foundations of sports medicine), SIA, Novi Sad				
Macura, M. (2005): Biologija razvoja čoveka sa osnovama sportske medicine – praktikum (Biology of human development and elements of sports medicine-practicum), FSFV, Beograd				
No. of active classes				Other classes:
Lectures: 3	Exercises/ Practical classes: 1	Other forms of teaching:	Study research work:	
Teaching method				
Theoretical lectures; practical lectures				
Knowledge assessment (maximum score 100)				
Exam prerequisites	points	Final examination	points	
Class Activities	5	Written examination		
Practical instruction	5	Practical examination		
Preliminary exam / Colloquium	30	Oral examination	50	
Seminar papers	10		