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|  | | | **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** | | | **ECTS** | | |
|
| ME-01-2-022-3 | | | | | | elective | | | | | III | | | 1 | | |
| **Professor/ -s** | | Full professor Zvezdana Kojic, PhD; Full professor Sinisa Ristic, PhD; associate. professor. Nenad Ponorac, PhD | | | | | | | | | | | | | | |
| **Associate/ -s** | |  | | | | | | | | | | | | | | |
| **Number of lectures/ teaching workload (per week)** | | | | | | | **Individual student workload (in hours per semester)** | | | | | | | | **Coefficient of student workload So[[1]](#footnote-1)** | |
| **L** | **E** | | | | **SP** | | **L** | | | **E** | | **SP** | | | **Со** | |
| 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 | | | | | | | | | | | | | | |
| **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)** | |
| Guyton AC,Hall JE | | | | Textbook of Medical Physiology. 13 th wd. WB Saunders Company | | | | | | | | | 2016 | |  | |
| **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 | | | | | | | | | | | | | | |
| written test | | | | | | | | | | | | 50 | | 50% |
| TOTAL | | | | | | | | | | | | 100 | | 100 % |
| **Certification date** | | December 13 th 2018 | | | | | | | | | | | | | | |

Responsible Person of the Faculty

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Coefficient of student workload So is calculated as it follows:

   а) for the study programs not going through the licensing process: So = (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. [↑](#footnote-ref-1)