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|  | | | **UNIVERSITY OF EAST SARAJEVO**  **Faculty of Medicine Foča** | | | | | | | |  | |
| ***Study program: Nursing*** | | | | | | | |
| I study cycle | | | | III study year | | | |
| **Full subject title** | | | HEALTH CARE IN THE REHABILITATION PROCESS | | | | | | | | | |
| **Department** | | | Department of Surgical Disciplines, Faculty of Medicine Foča | | | | | | | | | |
| **Subject code** | | | | | **Subject status** | | | | **Semester** | | **ECTS** | |
| NU-05-1-032-5 | | | | | compulsory | | | | V | | 3 | |
| **Professor/ -s** | | Full professor Ksenija Bošković | | | | | | | | | | |
| **Associate/ - s** | | Full professor Ksenija Bošković | | | | | | | | | | |
| **Number of lectures/ teaching workload (per week)** | | | | | | **Individual student workload (in hours per semester)** | | | | | | **Coefficient of student workload S** [**1**](#_bookmark0)  **o** |
| **L** | **E** | | | **SP** | | **L** | | **АE** | | **SP** | | **So** |
| 1 | 1 | | | 0 | | 30 | | 30 | | 0 | | 2 |
| total teaching workload (in hours, per semester) 15+15+0=30 | | | | | | | total student workload (in hours, per semester) 30+ 30 + 0=60 | | | | | |
| Total subject workload (teaching + student): 30+60= 90 hours per semester | | | | | | | | | | | | |
| **Learning outcomes** | | Upon completing the course:   1. The student is trained to be part of the team during the rehabilitation process, possessing basic knowledge about physical agents and the rehabilitation process. The student is familiar with the multidisciplinary approach in rehabilitation and is aware of their competencies. 2. Training students for independent assessment and determination of patients' functional abilities. 3. . Carries out education and training of patients in the use of various aids for activities of daily living (ADL), for maintaining an upright posture and mobility.   Training students to maintain healthcare documentation in the rehabilitation process. | | | | | | | | | | |
| **Preconditions** | | Nopreconditions | | | | | | | | | | |
| **Teaching methods** | | Lectures, exercises, seminar papers, colloquim, practical work | | | | | | | | | | |
| **Subject content per week** | | **Lectures:**   1. Introduction to the edical rehabilitation program 2. Application of pPhysical agents in therapy: phototherapy and magnetotherapy 3. Application of physical agents in therapy: electrotherapy and thermotherapy 4. Basics of hydrotherapy and balneotherapy 5. Manual techniques in the rehabilitation process 6. Kinesiotherapy within the rehabilitation process 7. Rehabilitation methods for post-traumatic patients 8. Rehabilitation methods for orthopaedic patients 9. Rehabilitation methods for paediatric patients 10. Rehabilitation methods in geriatrics 11. Rehabilitation in internal medicine and in emergency conditions 12. Rehabilitation in central motor neuron damage 13. Rehabilitation in peripheral motor neuron damage 14. Rehabilitation in cardiology and pulmonology 15. Application of orthotic and prosthetic devices for musculoskeletal system disorders   **Exercises:** | | | | | | | | | | |

11Coefficient of student workload Sois calculated as follows:

а) for study programs not going thorugh the licensing process: So = (total workload in semester for all the subjects 900 h – total teaching workload L+E in semester for all subjects hrs/ total teaching workload L+E in semester for all subjects hrs = . Consult form content and its explanation..

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

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|  | 1. Anamnesis, clinical assessment, basics of physical examination, teamwork in rehabilitation 2. Physical agents, phototherapy, presentation of infrared lamp (IC Lamp) 3. Thermotherapy, presentation of short-wave diathermy device 4. Thermotherapy, methods of paraffin application. cryotherapy, methods of application 5. Hydrothermal procedures, presentation of hydrogalvanic four-cell bath and Hubbard tank 6. Presentation of equipment for electrotherapy procedures 7. Presentation of the procedure for electrophoresis with medications 8. Presentation of the ultrasound therapy device 9. Kinesiotherapy room, equipment presentation, and basics of kinesiotherapy 10. Familiarization with prosthetics and orthotics, application of assistive devices. 11. Clinical examination of post-traumatic patients, rehabilitation plan 12. Clinical examination of rheumatological patients, rehabilitation plan. cardiological rehabilitation. 13. Functional status and rehabilitation plan for peripheral nerve damage 14. Functional status and rehabilitation plan for central nervous system damage 15. Rehabilitation in children, case presentations. basics of habilitation in Developmental Coordination Disorder (DCD) 16. Educational and communication skills in rehabilitation | | | | |
| **Compulsory literature** | | | | | |
| **Author/ s** | | **Publication title, Publisher** | **Year** | **Pages (from-to)** | |
| Jaume Cox | | The ABCs of PM&R: Physical Medicine and Rehabilitation | 2024. |  | |
|  | |  |  |  | |
| **Additional literature** | | | | | |
| **Author/ s** | | **Publication title, Publisher** | **Year** | **Pages (from-to)** | |
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| **Student responsibilities, types of student assessment and grading** | **Grading policy** | | **Points** | | **Percentage** |
| Pre-exam activities | | | | |
| lecture attendance | | 10 | 10% | |
| exercise attendance | | 10 | 10% | |
| colloquium | | 20 | 20% | |
| Practical work | | 10 | 10% | |
| Final exam | | | | |
| Final test | | 50 | 50% | |
| TOTAL | | 100 | 100 % | |
| **Certification Date** | December 2024. | | | | |