**Incoming student mobility**

**UNIOS University Unit: Faculty of Dental Medicine and Health in Osijek**

**COURSES OFFERED IN FOREIGN LANGUAGE**

**FOR ERASMUS+ INDIVIDUAL INCOMING STUDENTS**

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| Department or Chair within the UNIOS Unit  | Department of Clinical medicineFaculty of Dental Medicine and Health Osijek, Josip Juraj Strossmayer University of Osijek |

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| Study program  | University Undergraduate Study in Physiotherapy |

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| Study level |  2nd year |

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| Course title | Physical factors in therapy |
| Course code (if any) |  |
| Language of instruction | English |
| Brief course description | Main goals of the course are acquiring the knowledge and skills necessary to determine the need for physiotherapy treatment, planning and programming the physiotherapy process, and selecting and applying physiotherapy procedures according to the needs of the users. Upon mastering the contents of the course the student will be able to:- describe the basic principles of symptomatic and causal treatment,- describe the effects of physical factors in therapy,- identify and describe indications and contraindications for the application of physical factors in therapy,- describe electrodiagnostic procedures and participate in their application,- identify, describe, critically analyze, plan and apply electrotherapy, thermotherapy, ultrasound, light, paraffin, magnetotherapy, hydrotherapy, cryotherapy and laser therapy. Course contents: Physical factors in physiotherapy: definition and role in physical medicine and rehabilitation: electrodiagnostic procedures preceding the use of physiotherapy, electrotherapy, electrostimulation, thermotherapy and thermodiagnostics, ultrasound therapy, light therapy, paraffin therapy, basics of balneotherapy, basics of balneotherapy laser therapy, principles of symptomatic and causal treatment. |
| Form of teaching | 30 class hours of Lectures (1 group)30 class hours of Exercises (4 groups) |
| Form of assessment | Written and oral exam |
| Number of ECTS | 4 |
| Class hours per week | 30 |
| Minimum number of students  | 30 |
| Period of realization  | January |
| Lecturer | Professor Savo Jovanović, MD, PhDToni Josić, MSc in KinesiologyIvan Perić, MSc in KinesiologyNikolina Lazić, MSc in Kinesiology |