**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 Anatomy, Histology, Embriology, Pathological anatomy and Pathological histology  Faculty of Dental Medicine and Health Osijek, Josip Juraj Strossmayer University of Osijek |

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| Study program | University Graduate Study in Physiotherapy |

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| Study level | 1st year |

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| Course title | Bioenergetics of movement and environmental effects |
| Course code (if any) |  |
| Language of instruction | English |
| Brief course description | After completing the course, the student will be able to describe bioenergetics in the body during physical activity; define mechanisms in the background of differences in work ability among individuals; analyze the effects of environmental factors on human performance; describe potential adverse health effects when working under challenging conditions; evaluate and measure the energy efficiency of different movements; describe cardiovascular and respiratory regulation during physical activity; transfer newly acquired knowledge of bioenergy and environmental impact to different populations at increased risk. |
| Form of teaching | 35 class hours of Lectures (1 group)  10 class hours of Seminars (2 group)  15 class hours of Exercises (2 groups) |
| Form of assessment | Written and oral exam |
| Number of ECTS | 5 |
| Class hours per week | 30 |
| Minimum number of students | 50 |
| Period of realization | October |
| Lecturer | **Assistant professor Anđela Grgić, MD, PhD**  **Nikola Volarić, MD**  **Marinko Žulj, MD**  **Assistant professor Hrvoje Brkić, PhD** |