**Incoming student mobility**

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

**COURSES OFFERED IN FOREIGN LANGUAGE**

**FOR ERASMUS+ INDIVIDUAL INCOMING STUDENTS**

|  |  |
| --- | --- |
| Department or Chair within the UNIOS Unit | Department of Biophysics and Radiology  Faculty of Dental Medicine and Health Osijek, Josip Juraj Strossmayer University of Osijek |

|  |  |
| --- | --- |
| Study program | University Undergraduate Study in Physiotherapy |

|  |  |
| --- | --- |
| Study level | 1st year |

|  |  |
| --- | --- |
| Course title | Physics and the fundamentals of radiology |
| Course code (if any) |  |
| Language of instruction | English |
| Brief course description | After lectures and practical exercises, studying and passing exams, student is going to be able:  •Master the physical basis necessary to understand the application of physical laws in biological systems and devices for medical diagnosis  •Understand the physical sizes and units used in biophysics and medical physics  •Describe the physical laws important to the function of the human body  •Describe ways of transferring energy and substance within the body and in its interaction with the environment  •Apply knowledge from the field of physics to practice and continue to extend his/hers knowledge of the area independently  •Name and describe basic radiological methods applicable to physiotherapy |
| Form of teaching | 30 class hours of Lectures (1 group)  15 class hours of Practical Classes (2 groups) |
| Form of assessment | Written and oral exam |
| Number of ECTS | 3 |
| Class hours per week | 23 |
| Minimum number of students | 30 |
| Period of realization | November |
| Lecturer | **Professor Dario Faj, Ph.D.**  **Asst. Prof. Hrvoje Brkić, Ph.D.**  **Ivana Krpan, Lecturer**  **Nevija Brstilo, Lecturer** |