|  |
| --- |
|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | **Faculty of Medicine University of Niš** |
| **GENERAL INFORMATION** |
| Study program  | **INTEGRATED ACADEMIC STUDIES OF DENTISTRY** |
| Study Module (if applicable) |  |
| Course title | **Laserotherapy in dentistry** |
| Level of study | ☐Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory **☐ Elective** |
| Semester  |  **☐** **Autumn**  ☐Spring |
| Year of study  | **IV** |
| Number of ECTS allocated | **4** |
| Name of lecturer/lecturers | **Full prof Ljiljana Kesić, Full prof Goran Jovanović, Assoc prof Radmila Obradović, Assoc prof Ana Pejčić**  |
| Teaching mode |  **☐Lectures** ☐Group tutorials ☐ Individual tutorials ☐Laboratory work ☐ Project work **☐ Seminar** ☐Distance learning ☐ Blended learning **☐ Other** |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| **To introduce students to basic concepts of laser physics so that they can master the principles of biological effect of low energy laser and application techniques of high energy laser in dentistry. Students learn about biostimulative, analgetic, anti-inflammatory as well as antiedematous effects of lasers.**  |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| **Students learn about laser physics, lasers construction, contraindications as well as warnings in laser work, should recognize indications for laser therapy - especially low level laser therapy – aphthae, viral infections, injuries, postextraction edem, pain and trismus; photodynamic therapy, bleaching, endodontic therapy – disinfection of dental root canal; oral surgery – biopsies, benign tumor removing .** |
| **LANGUAGE OF INSTRUCTION** |
| **☐Serbian (complete course)** **☐ English (complete course)** ☐ Other \_\_\_\_\_\_\_\_\_\_\_\_\_ (complete course)☐Serbian with English mentoring ☐Serbian with other mentoring \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **ASSESSMENT METHODS AND CRITERIA** |
| **Pre exam duties** | **Points** | **Final exam** | **points** |
| **Activity during lectures** | **20-30** | **Written examination** | **10** |
| **Practical teaching** | **10-20** | **Oral examination** | **30** |
| **Teaching colloquia** | **0-10** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |