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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty** | Faculty of Medicine |
| **GENERAL INFORMATION** |
| Study program  | **Dentistry** |
| Study Module (if applicable) |  |
| Course title | Histology and embryology |
| Level of study | ☐Bachelor x Master’s ☐ Doctoral |
| Type of course | x Obligatory☐ Elective |
| Semester  | x Autumn xSpring |
| Year of study  | I (first) year of study |
| Number of ECTS allocated | 10 |
| Name of lecturer/lecturers | Prof. dr Verica AvramovićProf. dr Ivan NikolićProf. dr Gorana RančićProf. dr Marijola Mojsilović Prof dr Goran RadenkovićDoc. dr Aleksandar PetrovićDoc. dr Vladimir PetrovićAsist. Aleksandra VeličkovAsist. Marko Jović |
| Teaching mode | xLectures ☐Group tutorials ☐ Individual tutorialsxLaboratory work ☐ Project work x Seminar☐Distance learning ☐ Blended learning x Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| Understanding of fundamental principles of development and organization of human organism; ability to identify interrelationship of structure and function of tissues, organs and organ systems. Special attention is focused on the development and histological structure of oral cavity organs, and the importance of oral histology and embryology in further study at preclinical and clinical courses of dentistry. Students should be able to perform independent microscopic analysis of normal structures of tissues and organs, especially of the oral cavity organs. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| *Theoretical teaching*Organization and basic functions of the cell (membrane system and membrane compartments of the cell; cytoskeleton, specializations of cell surfaces, cell communication with the environment, populations of cells, apoptosis). General embryology. Tissues and histogenesis (basic tissues – epithelial, connective, muscle, and nervous tissue). Histological organization of organs within the organ systems (cardiovascular, immune, endocrine, respiratory, digestive, hepatobiliar, male and female reproductive system, urinary, and nervous; skin and sense organs). Oral histology and embryology.*Practical teaching* Basic principles of tissue sampling, processing and making histological slides. Microscopy and analysis of the structure of tissues and organs. |
| **LANGUAGE OF INSTRUCTION** |
| xSerbian (complete course) x 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** | **2** | **Practical examination** | **20** |
| **Practical teaching** | **8** | **Oral examination** | **40** |
| **Teaching colloquia** | **30** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |