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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty** | Faculty of Medicine |
| **GENERAL INFORMATION** |
| Study program  | **Medicine** |
| 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 | 14 |
| 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 the basic principles of organization of the cell and tissues, as well as histological structure of organs. Acquiring the knowledge of fundamental principles of development and organization of human organism; ability to identify interrelationship of structure and function of organs and organ systems. Students should be able to perform independent microscopic analysis of normal structure of tissues and organs. Use of acquired knowledge in further study, above all in physiology and pathology (ability to perform independent histopathologic analysis of histologic preparations; understanding of pathologic processes at the cellular and molecular level). |
| **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). 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). General and special 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** |