|  |
| --- |
|  **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 | **Pathophysiology** |
| Level of study | ☐Bachelor **X** **Master’s** ☐ Doctoral |
| Type of course | **X** **Obligatory**☐ Elective |
| Semester  | ☐ Autumn **XSpring** |
| Year of study  | **II Second** |
| Number of ECTS allocated | **8** |
| Name of lecturer/lecturers | Prof. Dr. Vladmila Bojanić, Prof. Dr. Sonja Radenković, Prof. Dr.Stojan Radić, Prof. Dr. Maja Milojković, Prof. Dr. Boris Đinđić, Doc. Dr. Olivera Dunjić |
| Teaching mode | **xLectures** **XGroup tutorials** ☐ Individual tutorials☐Laboratory work ☐ Project **X Seminar**☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| 1. Knowledge of the ethiology and pathogenesis of diseases and clinical manifestations of most important functional and organ disorders
2. Ability to understand dental manifestations of different organ systems disorders
3. Sufficient knowledge of pathophysiological basis of clinical disorders of dental diseases
4. Understanding of contemporary pathophisiologic approaches in the prevention, early diagnosis, differential diagnosis and therapy of dental diseases.
 |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| 1. Current aspects of etiology and pathogenesis of disease; mechanisms of cell damage, cell aging, and death
2. Concept of homeostasis and general adaptation syndrome
3. Pathophysiology of terminal conditions and disorders of consciousness and shock
4. Effects of different etiologic factors: physical (mechanical, thermic, ionizing & non-ionizing radiation, atmospheric pressure, electricity) chemical and biological agents and mechanisms leading to altered structure and function of an organism
5. Pathophysiology of processes such as infection, inflammation, disorders of the immune system, degeneration, neoplasia, metabolic disturbances and genetic disorders
6. Etiology and pathogenesis and effects of oral diseases and pathophysiological principles for their prevention, diagnosis and management
7. Pathophysiological features and dental relevance of common disorders of the major organ systems (cardiovascular, respiratory, haematologic, digestive, urogenital, endocrine, nervous)
 |
| **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** | **0-5** | **Practice exam** | **0-15** |
| **Practical teaching** | **0-10** | **Oral examination** | **0-50** |
| **Seminar papers** | **0-5** | **OVERALL SUM** | **100** |
| **Tests** | **0-15** |  |  |
| **\*Final examination mark is formed in accordance with the Institutional documents** |