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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Sciences and MathematicsDepartment of Biology and Ecology |
| **GENERAL INFORMATION** |
| Study program  | Biology |
| Study Module (if applicable) | / |
| Course title | Immunobiology |
| Level of study | [x] Bachelor [ ]  Master’s [x]  Doctoral |
| Type of course | [ ]  Obligatory [x]  Elective |
| Semester  |  [x]  Autumn [ ] Spring |
| Year of study  | third |
| Number of ECTS allocated | 5 |
| Name of lecturer/lecturers | Najman Stevo |
| Teaching mode |  [x] Lectures [ ] Group tutorials [ ]  Individual tutorials [x] Laboratory work [ ]  Project work [ ]  Seminar [ ] Distance learning [ ]  Blended learning [ ]  Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| The acquisition of knowledge about the mechanisms of the immune system functioning and its importance. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Theoretical classesThe immune system. Innate immunity. Antigen Presentation. Antigen recognition and adaptive immunity. Cell-mediated immune response. Effector mechanisms of cell-mediated immunity. The humoral immune response. Effector mechanisms of humoral immunity. Immunologic tolerance and autoimmunity. The immune response against tumors and transplants. Hypersensitivity diseases. Immunization. Congenital and acquired immunodeficies. The evolution of the immune system. Laboratory techniques and methods in immunology.Practical classes: Exercises, Other modes of teaching, Study research Immunobiological laboratory tour |
| **LANGUAGE OF INSTRUCTION** |
| [x] 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 theoretical lectures** | **5** | **Written examination** | **30** |
| **Practical learning** | **/** | **Oral examination** | **10** |
| **Colloquia** | **30** |  |  |
| **Seminar** | **25** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |