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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  |  |
| **GENERAL INFORMATION** |
| Study program  | **Medicine** |
| Study Module (if applicable) |  |
| Course title | Infectious diseases |
| Level of study | ☐Bachelor x Master’s ☐ Doctoral |
| Type of course | x Obligatory ☐ Elective |
| Semester  |  x Autumn ☐Spring |
| Year of study  | 4 |
| Number of ECTS allocated | 5 |
| Name of lecturer/lecturers |

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| Ranković Ž. Žarko | redovni profesor |
| Vrbić Ž. Miodrag | vanredni profesor |
| Jovanović V. Maja | vanredni profesor |
| Popović Dragonjić D. Lidija  | saradnik u nastavi |

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| Teaching mode |  xLectures ☐Group tutorials ☐ Individual tutorials xLaboratory work ☐ Project work ☐ Seminar ☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| Upon completion of the course, students will be able to adequately examine the patients with infectious diseases (lymph nodes, pharynx, oral cavity and tonsils, meningeal signs, examination of liver and spleen), to analyze biochemical indicants and interpret microbiological findings depending on the disease, to learn basic principles of treatment of infectious diseases. Students will be able to examine independently patients with infectious diseases, to recognize an infectious disease, suggest proper biochemical and microbiological tests, properly interpret laboratory and other preclinical assays, and suggest appropriate therapy. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| *Theoretical teaching*Respiratory tract infections – common cold syndrome, febrile catarrh, influenza, pneumonia, pertussis, angina syndrome, diphtheria, croup.CNS infections – common properties of meningitis, bacterial meningitis, acute viral encephalitis and encephalomeningitis, rabies, acute poliomyelitis, poliradiculoneuritis, tetanus.Infections of the skin and mucosa – herpes infections, staphylococcal infections, streptococcal infections, erysipelas, erysipeloid, cat scratch disease.Gastrointestinal infections – bacterial bowel infections, bowel intoxications, viral bowel infections, parasitic bowel infections.Hepatites – viral hepatitis A,B,C,D,E .Rash fevers – morbilli, rubella, chickenpox, roseola infantum, megalerythema infectiosum, scarlatina.Systemic infections – mumps, infectious mononucleosis, viral hemorrhagic fevers, AIDS, bacterial infections, rickettsial infections, protozoal infections.Infections in pregnancyIntrahospital infections*Practical teaching* Proper history taking, with special emphasis on infectious diseases:* respiratory tract examination, with special emphasis on oral cavity changes, tonsils, and lymph nodes;
* performance of meningeal signs and basic neurologic examination of patients;
* attendance at lumbar puncture and examination of the CSF;
* hemogram and spotting atypical T lymphocytes;
* examination of icteric patients, liver and spleen palpation;
* examination of patients with bowel infections, proper history taking, assessment of dehydration degree;
* examination of patients with rash fevers, identification of typical efloresecences and other characteristics of individual fevers;
* examination of patients with skin and mucosa infections, phenomena pathognomonic for individual infectious diseases;
* recognition of clinical manifestations of hemorrhagic fevers and initial signs of hemorrhagic diathesis;
* examination of patients with septic conditions (particular characteristics in clinical findings);
* examination of patients with AIDS; characteristic anamnestic, epidemiologic, and clinical properties of the disease;
* blood counts in particular infectious diseases; observation of peripheral smears in the clinical laboratory; practical use of knowledge in clinical biochemistry depending on the infectious disease; interpretation of results of microbiological findings;
* treatment of infectious diseases (causal – antibiotics, virostatics);
* symtomatic and supportive therapy of infectious diseases.
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| **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** | **10** | **Written examination** | **50** |
|  |  | **Practical exam** | **10** |
| **Practical teaching** | **10** | **Oral examination** | **40** |
| **Teaching colloquia** | **30** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |