

<b>Study program:</b> Integrated Academic Studies in Medicine			
<b>Course title:</b> Infectious Diseases			
<b>Teacher:</b> Snežana V. Brkić, Vesna S. Turkulov, Sandra I. Stefan Mikić, Radoslava Ž. Doder, Siniša Đ. Sević, Tomislav A. Preveden, Nadica D. Kovačević, Slavica S. Tomić, Maja S. Ružić, Daniela T. Marić, Dajana F. Lendak			
<b>Course status:</b> compulsory			
<b>ECTS Credits:</b> 6			
<b>Condition:</b> Microbiology and Immunology; Pathology; Pathophysiology; Clinical Propedeutics			
<b>Course aim</b> The aim of the course in Infectious diseases is to train students to identify and treat patients suffering from infectious diseases, obtain medical history, perform clinical examinations, identify acute and chronic infectious diseases.			
<b>Expected outcome of the course:</b> Students get acquainted with features of infectious diseases, etiology, epidemiology, pathogenesis, clinical manifestations, diagnostic and therapeutic approaches to infectious diseases. Students are trained for appropriate history taking, with special emphasis on the clinical course of present disease by dates and by systems, and on the epidemiological questionnaire. Students will be able to perform physical examination including meningeal signs examination and neurologic examination.			
<b>Course description</b> <i>Oral lectures</i> Acute tonsillopharyngitis and diphtheria; General features of streptococcal diseases, erysipelas, scarlet fever Atypical pneumonia and pertussis; Zoonosis (anthrax, brucellosis, tularemia, plague); Q fever; Rickettsiosis, Typhus and Brill disease Fever of unknown origin; Rational approach to antimicrobial treatment; Influenza i flu like syndrome; Viral exanthema; Chicken pox, smallpox, 5th and 6th disease; Measles, German measles; Herpesvirus infections; Infectious mononucleosis, Epidemic parotitis Infectious diseases in pregnancy, toxoplasmosis; HIV infection; Sepsis; Tropical diseases; Malaria; Haemorrhagic fever; Lyme disease; Leptospirosis; Introduction to viral hepatitis; Differential diagnosis of icterus; Fulminant viral hepatitis; Hepatitis A, E, nonA-E; Hepatitis B, D, C; General features of meningitis and meningeal syndrome; Bacterial meningitis; Meningococcal disease; Meningitis with clear cerebrospinal fluid, TB meningitis; Encephalitis and CNS disease caused by prions; Tetanus; Polio and rabies Botulism; General features of intestinal infections, enteroviral infections; Salmonellosis and typhoid fever; Food poisoning and cholera; Traveler's diarrhea, Clostridium difficile infection; Bacillary and amoebic dysentery, campylobacteriosis; Trichinellosis <i>Practical education</i> Introduction to infectious diseases; taking medical history in infectious diseases; Intestinal infections - medical history; respiratory infections - medical history; fever of unknown origin and rash - medical history; CNS infection - medical history; hepatology - medical history; medical history – conclusion; Complete physical examination – demonstration; complete physical examination of the abdomen – demonstration; complete physical examination – meningeal signs and neurologic examination – demonstration; complete physical examination of the upper respiratory tract – demonstration; ccomplete physical examination of the lower respiratory tract – demonstration; complete physical examination of the liver – demonstration; ddifferential diagnosis of icterus ; differential diagnosis of intestinal infections; differential diagnosis of CNS infections, especially neurologic and neurosurgical disease; differential diagnosis of unclear febrile states; differential diagnosis of respiratory infections; lumbar puncture – demonstration			
<b>Literature</b> <i>Compulsory</i> 1. Mandell GL, Douglas RG, Bennett JE: Principles and practice of Infectious Diseases, 7th ed, Churcill Livingstone, Philadelphia, New York, US, 2010. 2. Jong CE, Stevens DL: Netter’s Infectious Diseases, 3 <sup>rd</sup> ed.Elsevier, Philadelphia,,US, 2012.			
<b>Number of active classes</b>		<b>Theoretical classes:</b> 45	<b>Practical classes:</b> 60 <b>Other classes:</b> 45
<b>Teaching methods</b> Lectures, practice			
<b>Student activity assessment (maximally 100 points)</b>			
<b>Pre-exam activities</b>	<b>Points</b>	<b>Final exam</b>	<b>points</b>
Lectures	10	Written	10
Practices	30	Oral	40

Colloquium	10		
Essay			