

INFECTOLOGY	
GENERAL INFORMATION	
Course coordinator	Associate Professor Ljiljana Perić, MD, PhD
Assistant/Associate	Assistant Professor Dubravka Lišnjić, MD, PhD Mario Duvnjak, MD Dario Sabadi, MD Nika Vlahović Vlašić, MD Luka Švitek, MD Petra Smajić, MD Bernarda Berišić, MD
Study Programme	Integrated undergraduate and graduate university study of Medicine
Status of the course	Mandatory
Year of study, semester	4 th year, 7 th semester
ECTS	6
Workload (hours)	Lectures (15); Seminars (20); Clinical exercises (45)
Expected number of students	70
COURSE DESCRIPTION	
Course objectives	
The goal of the Infectology course is to ensure that the student acquires the necessary theoretical and practical knowledge in the field of Infectology.	
Enrolment requirements and entry competencies	
Attended and passed exams of the previous academic year.	
Learning outcomes at the Programme level	
1.2, 2.1, 2.2, 2.3, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 4.2	
Learning outcomes (5-10)	
Cognitive domain - knowledge: After passing the exam, the student will be able to: 1. Interpret and argue the etiological and epidemiological features of infectious diseases 2. Determine and compare pathophysiological mechanisms and clinical manifestations of infectious diseases 3. Anticipate and choose the types and methods of diagnostic treatment of infectious patients 4. Evaluate and recommend methods of treatment of diseases 5. Evaluate and support infectious disease prevention measures	
Course content	
Basic principles of the development of clinical characteristics of infectious diseases, Fever of unknown cause, Antimicrobial therapy, Sepsis, Bacterial and viral infections of the CNS, Acute respiratory infections of the upper and lower respiratory system, Staphylococcal and streptococcal infections, Viral hepatitis, Infections of the digestive system (symptoms, pathophysiology and syndromes), Postantimicrobial colitis, Diseases caused by bacterial toxins, Connatal and neonatal infections, Kawasaki disease, Rash diseases, Herpesvirus infections, Infectious lymphadenopathy, Clinical syndromes of urogenital and sexually transmitted diseases, Infections of the bone and joint system, Diseases caused by spirochetes (borreliosis, leptospirosis) , Zoonoses, Viral hemorrhagic fevers - HVBS, Dengue, Ebola, Yellow fever, Mycoses (invasive candidiasis and aspergillosis), Heart infections, HIV infection and other infections in immunocompromised persons, Eosinophilia,	

Diseases caused by protozoa and helminths, Prion diseases, Control of infections in health care.																
Mode of teaching																
Lectures; Seminars; Exercises																
Student obligations																
Students are expected to attend all class sessions, as well as to take all the examinations. However, they are allowed for excused absences, totalling 30% of all classes.																
Monitoring student work (<i>alignment of learning outcomes, teaching methods, and grading</i>)																
Teaching activity	ECTS	Learning outcome	Student activity	Assessment methods	Grade points											
					Min.	Max.										
Class attendance	0,20	1-5	Class attendance; exercises	Evidence sheet; evaluation	5	20										
Seminars, Exercises	2,5	1-5	Attendance and active participation in seminars and exercises	Demonstration of the exercise	15	30										
Final exam	3,0	1-5	Learning for the exam	Grading of the oral exam	30	50										
Total	6				50	100										
 <i>Evaluation of the final exam:</i>																
<table border="1"> <thead> <tr> <th>Student answer</th> <th>Grade points</th> </tr> </thead> <tbody> <tr> <td>The answer meets the minimum criteria</td> <td>30.0</td> </tr> <tr> <td>The average answer with noticeable errors</td> <td>37.0</td> </tr> <tr> <td>The very good answer with minor errors</td> <td>44.0</td> </tr> <tr> <td>The exceptional answer</td> <td>50.0</td> </tr> </tbody> </table>							Student answer	Grade points	The answer meets the minimum criteria	30.0	The average answer with noticeable errors	37.0	The very good answer with minor errors	44.0	The exceptional answer	50.0
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The exceptional answer	50.0															
 <i>Calculation of final grade:</i>																
Based on the total sum of the points awarded during the course and the final exam, the final grade is determined according to the following distribution:																
A – excellent (5): 90-100 grade points; B – very good (4): 70-79,99 grade points; C – good (3): 60-69,99 grade points; D – sufficient (2): 50-59,99 grade points																
Required reading (available in the library and through other media)																
Title				Number of copies in the	Availability through other											

	library	media
1. Josip Begovac i suradnici. Klinička infektologija. Medicinska naklada, Zagreb, 2019.	10	
Additional reading		
1. Vrhovac B. Interna medicina (Izabrana poglavlja iz infektologije). Zagreb: Naklada Ljevak, 2008. 2. Kuzman I. Pneumonije – uzročnici, dijagnostika, liječenje. Zagreb: Medicinska naklada, 1999. 3. D. Lepur „Liječenje i profilaksa infektivnih bolesti“ Medicinska naklada, 2016.		
Course evaluation procedures		
Anonymous, quantitative, standardized student survey providing feedback on the course as well as on the work of course coordinators and their assistants/associates is being conducted by the QA Office of the Faculty of medicine Osijek.		
Note /Other		
E-learning does not count towards course contact hours, but is being used in teaching and comprises links to various web pages, as well as video and audio materials available on web pages.		