

1	Subject	INFECTOLOGY			
2	Code	DIF306			
3	Study Program	Study Program of Integrated studies in dental medicine			
4	Organizing Institution (Unit, Institute, Chair, Department)	Medical University, UKIM-Skopje Department of Infectology			
5	Educational degree (first or second cycle)	Integrated study			
6	Study year/semester	3/5	7	Number of credits	3
8	Teacher	Prof.d-r Irena Kondova Topuzovska			
9	Preconditions	Passed all compulsory courses of 1 and 2 semester. Signatures of 3 and 4 semester courses			
10	Teaching goals: Competence to make a diagnosis Competence to make a treatment plan Competence to determine specific immune prophylaxis and chemoprophylaxis				
11	Brief content				
	Theoretical course				Class
	Infection and infectious disease. Basic and clinical characteristics of infectious diseases. Fever and fever of unknown origin				1
	Immunological aspects of infectious diseases. Immunoprophylaxis.				1
	Therapeutic principles in infectious diseases. Antimicrobial therapy- antibiotic therapy, antiviral medications, antiseptics, miscellaneous non-infective therapy				1
	Sepsis and septic shock. Investigations in infectology				1
	Alimentary toxo-infections. Non thyphoidal salmonella. Bacillary dysentery. Rotavirus enterocolitis				1
	Rhinitis. Influenza. Mumps				1
	Tonsillopharyngitis. Diphtheria. Scarletina				1
	Measles. Rubeola. Varicella. Herpes zoster				1
	Herpes simplex infections. Infectious mononucleosis				1
	Serous meningitis. Encephalitis. Rabies				1
	Purulent meningitis				1
	Viral hepatitis				1
	HIV/AIDS. Mycosis				1
	Nosocomial (hospital) infections				1
	Brucellosis. Tetanus. Anthrax. Malaria				1
	Total				15
	Practical lessons:				Class
	1. Management of infectious diseases on different levels of the health care system				1
	2. Diagnostic approach –anamnesis and status of the patient with an infectious disease				1
	3. Sero and vaccine prophylaxis in infectious diseases				1
	4. Viral upper respiratory infections				1
	5. Tonsillopharyngitis-anginas				1

	6. Meningeal and liquor syndrome		1	
	7. Water –electrolyte imbalance in acute infectious diarrheas		1	
	8. Infections with muco-cutaneous changes		1	
	9. Syndrome of infectious mononucleosis and mumps		1	
	10. Icteric syndrome		1	
	11. Viral hepatitis		1	
	12. Syndrome of acquired immunodeficiency and oppportunistic infections in immunocompromised patients		1	
	13. Infectious diseases with febrile syndrome		1	
	14. Encephalitis, Rabies, Tetanus		1	
	15. Mycoses		1	
	Total		15	
	Seminars		Class	
	1. Fever and fever of unknown origin		1	
	2. Sepsis and septic shock		1	
	3. Alimentary toxo-infections		1	
	4. Rotavirus enterocolitis		1	
	5. Tonsillopharyngitis		1	
	6. Pneumonia		1	
	7. Mumps		1	
	8. Meningitis		1	
	9. Encephalitis		1	
	10. Measles		1	
	11. Viral hepatitis		1	
	12. HIV/AIDS		1	
	13. Infections of the oral cavity		1	
	14. Tetanus		1	
	15. Nosocomial (hospital) infections		1	
	Total		15	
12	Methods of studying: class room oriented lectures, interactive lectures, group work, practical training, seminar paper			
13	Total available time	90 classes		
14	Organization of the course	15 classes - theoretical course, 15 classes- practical course, 15 classes - seminars, 45 classes - home individual learning and other activities		
15	Forms of teaching activities	15.1.	Theoretical course	15 classes
		15.2.	Practical course, seminars	Practical course- 15 classes Seminars – 15 classes
16	Other forms of activities	16.1.	Project tasks	
		16.2.	Individual tasks	
		16.3.	Individual (home) learning	45 classes

17	Method of assessment	17.1.	Tests			9-15 points
		17.2.	Active participation of theoretical classes, Active participation of practical classes, Seminar paper/project (oral/written presentation)			3-5 points 6-10 points 3-5 points
		17.3.	Final exam: practical part oral part			9-15 points 30-50 points
18	Grading criteria (points / grade)	Up to 59 points			5 (five) (F)	
		from 60 to 67 points			6 (six) (E)	
		from 68 to 75 points			7 (seven) (D)	
		from 76 to 84 points			8 (eight) (C)	
		from 85 to 93 points			9 (nine) (B)	
		from 94 to 100 points			10 (ten) (A)	
19	Requirement for signature and taking the final exam	The student is required to actively follow all of the planned activities. Conditional criteria for assessment of knowledge: In order to get a signature, the student should obtain minimum points in both theoretical and practical courses, and to present seminar paper; In order to take the final exam, the student should obtain the minimum points from activity and test;				
20	Language of the course	English				
21	Method for evaluation of the quality of education	Anonymous student's evaluation of the subject, teachers and collaborators involved in the educational activities				
22	Literature					
	22.1.	Mandatory textbooks				
		No.	Author	Title	Publisher	Year
		1	Department of Infectology	Infectious Diseases	Medical University, UKIM-Skopje	2012
		2	Department of Infectology	Practical book for infectious diseases for dentistry students	Medical University, UKIM-Skopje	2012
	22.2.	Additional literature				
		No.	Author	Title	Publisher	Year
1.		Jonathan Cohen William Powderly Steven Opal	Infectious Diseases	Elsevier	2016	