

1	Subject	<b>Epidemiology</b>			
2	Code	DEP212			
3	Study Program	Study Program of Integrated studies in dental medicine			
4	Organizing Institution (Unit, Institute, Chair, Department)	UKIM-Faculty of Medicine Department of epidemiology and biostatistics with medical informatics			
5	Educational degree (first or second cycle)	Integrated study			
6	Study year/semester	2/3	7	Number of credits	2
8	Teacher	Prof. Dr. Vesna Velikj Stefanovska Prof. Dr. Dragan Danilovski Prof. Dr. Biljana Tausanova Prof. Dr. Rozalinda Isjanovska Prof. Dr. Beti Zafirova Ivanovska Prof. Dr. Irina Pavlovska			
9	Preconditions	Signatures of first and second semester courses			
10	Teaching goals: <ul style="list-style-type: none"> <li>• Acquiring of theoretical and practical knowledge from the area of epidemiology which would enable recognition and resolution of epidemiological problems and challenges as well as their prevention.</li> <li>• Recognition of the role and meaning of the levels of prevention and their application in practice.</li> <li>• Acquiring knowledge of the epidemiological methods and their implementation in the scientific research.</li> <li>• Acquiring of knowledge of epidemiology of infectious and noninfectious diseases and conditions.</li> </ul>				
11	<b>Brief content</b>				
	<b>Theoretical course</b>				<b>Class</b>
	Introduction in epidemiology, Epidemiological methods				1
	Indicators of diseases, deterioration of health, and death rate;				1
	Epidemiological process and epidemiological models				1
	Occurrence of infection, and infectious diseases				1
	Measures of prevention and eradication of diseases				1
	Immunization, seroprophylaxis, and immunoprophylaxis				1
	Disinfection, desinsection and deracination				1
	Health education and promotion				1
	Intrahospital acquired infections				1
	Epidemiological characteristics of respiratory infectious diseases				1
	Epidemiological characteristics of intestinal infectious diseases				1
	Epidemiological characteristics of infectious diseases transmitted by contact				1
	Epidemiological characteristics of transmissible infectious diseases				1
	Epidemiological characteristics of zoonotic disease				1
	Epidemiological characteristics of chronic diseases				1
	<b>Total</b>				<b>15</b>
	<b>Practical lessons:</b>				<b>Class</b>
	Application of epidemiological methods in practice				2
	Elaborating examples of respiratory diseases				3

	Elaborating examples of intestinal diseases			3
	Elaborating examples of infectious diseases transmitted by contact			3
	Elaborating examples of transmissible diseases			2
	Elaborating examples of zoonotic disease			2
	Total			15
12	Methods of studying: class room oriented lectures, interactive lectures, group work, practical training, seminar paper			
13	Total available time	60 classes		
14	Organization of the course	15 classes - theoretical course, 15 classes- practical course, 30 classes - home individual learning and other activities		
15	Forms of teaching activities	15.1.	Theoretical course	15 classes
		15.2.	Practical course, seminars	15 classes
16	Other forms of activities	16.1.	Project tasks	/
		16.2.	Individual tasks	/
		16.3.	Individual (home) learning	30 classes
17	Method of assessment	17.1.	Tests	min. - max. 18 - 30 points from two continuous tests of knowledge  One mid-term test carries 9 – 15 points
		17.2.	Active participation, seminar paper/project (oral/written presentation)	Theoretical courses 1-5 points  Participation on theoretical courses: 40%-50% = 1 point 51% - 60% = 2 points 61% - 70% = 3 points 71%-80% = 4 points 81% - 100% = 5 points  Practical courses 5 – 10 points
		17.3.	Final (oral) exam	min. - max. 36 – 55 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	<p>To obtain a signature, the student needs to acquire minimum points from attendance at seminars, theoretical and practical courses.</p> <p>To take the final exam, the student must pass the continuous tests or acquire a minimum of 30% of total number of points in the continuous tests, whereas during the exams session the student shall take the previously failed continuous tests, and then shall take the final exam.</p> <p>The assessment of the subject is established according to the table of marks, based on the sum of points from all activities, continuous tests and final exam.</p>		

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	<b>Literature</b>					
	22.1.	<b>Mandatory textbooks</b>				
		No.	Author	Title	Publisher	Year
		1	Danilovski D., Orovcanec N., Vasilevska K., Taushanova B., Velic Stefanovska V., Isjanovska R., Zafirova Ivanovska B., Zdravkovska M., Pavlovska I.;	General Epidemiology	University "Ss. Cyril and Methodius" Medical faculty	2007
		2	Danilovski D., Orovcanec N., Vasilevska K., Taushanova B., Velic Stefanovska V., Isjanovska R., Zafirova Ivanovska B., Zdravkovska M., Pavlovska I.;	Special Epidemiology	University "Ss. Cyril and Methodius" Medical faculty	2009
22.2.	<b>Additional literature</b>					
	No.	Author	Title	Publisher	Year	
	1	James F. Jeckel, David L. Kac, Joan J. Elmor, Dorothea M. J. Wild	Epidemiology, biostatistics and preventive medicine	Tabernakul	2010	