

1	Subject	DENTAL PHARMACOLOGY			
2	Code	DSF317			
3	Study Program	Study Program of Integrated studies in dental medicine			
4	Organizing Institution (Unit, Institute, Chair, Department)	Faculty of Dentistry, Department of Oral pathology and Periodontology, Department of Dental Pathology and Endodontics			
5	Educational degree (first or second cycle)	Integrated study			
6	Study year/semester	3/6	7	Number of credits	2
8	Teacher	Teachers from Department of oral pathology and periodontology, Department of Dental Pathology and Endodontics			
9	Preconditions	/			
10	Teaching goals: General knowledge of essential mechanism of action, practical knowledge of preparation use and safe keeping of medicaments and solution used in everyday dental practice				
11	Brief content				
	Theoretical course				Class
	Introduction to general pharmacology pharmacokinetics and pharmacodynamics of medications, classification and usage of drugs				2
	Antiseptics and Desinfectants				2
	Antibacterial drugs and drugs affecting blood				2
	Vitamins and hormones				1
	Medicaments for topical application on oral mucosa				1
	analgesics, local anesthetics vasoconstrictors				2
	Fluorides usage benefits and side effects				2
	Medications used in cariology and endodontics				2
	Safe use of medicaments in special groups –geriatric patients, pregnant women during breastfeeding				1
	Total				15
	Seminars				Class
	During the seminars special focus will be on the rationale use of antibiotics, drugs used in endodontics. Emergency protocol drugs, and groups with special needs.				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- seminars, 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	17.1.	Tests		30points

	assessment	17.2.	Active participation, seminar paper/project (oral/written presentation)			10points
		17.3.	Final (oral) exam			60points
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>The student is required to actively follow all of the planned activities.</p> <p>Conditional criteria for assessment of knowledge:</p> <p>In order to get a signature, the student should obtain minimum points in both theoretical and seminar courses;</p> <p>In order to take the final exam, the student should obtain the minimum points from activity and test;</p> <p>If the student has not obtained the minimum points in the continual assessments, he/she in next exam session will have paper part of the exam (40 points) and final exam (60 points)</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	Literature					
	22.1.	Mandatory textbooks				
		No.	Author	Title	Publisher	Year
		1	Singh .S	Pharmacology for dentistry	New age international publishers	2008
	22.2.	Additional literature				
		No.	Author	Title	Publisher	Year
		Pickett RDH MS, Frieda Atherton, Terézhalmy DDS MA, Géza T.	Basic Principles of Pharmacology with Dental Hygiene Applications	LWW	2008	