

1	Subject	PRESURGICAL ORTHODONTICS			
2	Code	DOD609			
3	Study Program	Study Program of Integrated studies in dental medicine			
4	Organizing Institution (Unit, Institute, Chair, Department)	Department of Orthodontics			
5	Educational degree (first or second cycle)	Integrated study			
6	Study year/semester	6/11	7	Number of credits	2
8	Teacher	Prof. d-r Lidija Kanurkova Prof. d-r Gabriela Kurcieva Cuckova Prof. d-r Biljana Dzipunova Prof. d-r Natasa Toseska Spasova Prof. d-r Cvetanka Bajraktarova Misevska Professors from Department of Maxillofacial surgery			
9	Preconditions	/			
10	Teaching goals: Wider knowledge of skeletal orthodontic malocclusions Wider spectar of knowledge of orthodontic appliances used to treat the skeletal anomalies Knowledge of orthodontic-surgical procedures and interventions used for the correction of skeletal craniofacial deformities				
11	Brief content				
	Theoretical course				Class
	Orthodontic methods and techniques for making plan and treatment of skeletal orthodontic malocclusions				2
	Orthodontic-surgical treatment in patients with impacted teeth				2
	Orthodontic-surgical treatment in patients with need for frenectomy				1
	Plan and therapy of orthodontic-surgical treatment in patients with skeletal class II malocclusion				1
	Plan and therapy of orthodontic-surgical treatment in patients with skeletal class III malocclusion				1
	Plan and therapy of orthodontic-surgical treatment in patients with skeletal crossbite and facial asymmetry				1
	Plan and therapy of orthodontic-surgical treatment in patients with skeletal open bite				1
	Plan and therapy of orthodontic-surgical treatment in patients with skeletal deep bite				1
	Plan and therapy of orthodontic-surgical treatment in patients with cleft lip and palate				1
	Plan and therapy of orthodontic-surgical treatment in patients with craniofacial deformities and TMJ ankylosis				1
	Orthodontic appliances used for the rapid correction of maxilla and preparation for pre-surgical orthodontic treatment				1
	Orthodontic-surgical treatment in patients with moderate and severe skeletal occlusion disorders				1
	Orthognathic surgery approach for management of skeletal orthodontic malocclusions				1
	Total				15
	Seminars				Class
	Elaboration of topics from the relevant material, presentation of the topics by the students and active involvement in the students until discussion of the given topic.				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 assessment	17.1.	Tests		30 points	
		17.2.	Active participation seminar paper / project (oral/written presentation)		10 points	
		17.3.	Final (oral) exam		60 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>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; 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.	William Proffit	Contemporary Orthodontics	Mosby; 5th edition	2012
		2.	James R. Hupp Myron R. Tucker Edward Ellis III	Contemporary Oral and maxillofacial surgery	Mosby; 7th edition	2018
		3.	Mohammad Hosein Motamedi	A Textbook of Advanced Oral and Maxillofacial Surgery Volume2	IntechOpen Limited London, United Kingdom	2015
22.2.	Additional literature					
	No.	Author	Title	Publisher	Year	

		1.	Okeson JP.	Management of temporomandibular disorders and occlusion	Mosby; 7th edition	2012
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