

1	Subject	ORAL MEDICINE AND PATHOLOGY			
2	Code	DOM401			
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			
5	Educational degree (first or second cycle)	Integrated study			
6	Study year/semester	4/ 7 and 8	7	Number of credits	8
8	Teacher	Teachers from Department of Oral pathology and periodontology			
9	Preconditions	Passed all compulsory courses of 3 and 4 semester. Signatures of 5 and 6 semester courses			
10	<p>Teaching goals: Basic knowledge of the pathological events of the oral mucosa. Recognizing the painful conditions and taking preventive and curative measures. Wider knowledge of oral disorders as a consequence of local and systemic factors, as well as treatment of the same.</p> <p>Competencies: capable of diagnosing oral diseases, clarification of differential diagnostic dilemmas and delineation of physiological from pathological issues. Opportunity to perform a clinical examination of a patient with oral diseases, ordinate therapy, monitoring the therapeutic results and resolve possible complications.</p>				
11	Brief content				
	Theoretical course				Class
	Introduction to oral medicine (past, present and future)				1
	Classification of oral diseases				1
	Anatomical features of the oral mucosa. Microscopic image, functional characteristics, and physiological processes of the oral mucosa				2
	Pathological changes of the oral mucosa, microscopic and macroscopic.				1
	Efflorescence - the most common clinical pathological findings				1
	Factors of defense of the oral cavity.				1
	Systemic diseases and oral cavity				2
	- Disorders of erythrocyte and platelet function.				1
	- Disorders of leukocyte function				1
	- manifestations of cardiovascular and respiratory diseases of the oral mucosa				2
	- manifestations of hormonal and metabolic disorders of the oral mucosa				1
	- manifestations of neurological and psychosomatic disorders in the mouth				1
	- manifestations of the diseases of the gastrointestinal tract of the oral mucosa.				1
	- manifestations of renal diseases of the oral mucosa.				1
	- manifestations of nutritional disorders and lack of vitamins of the oral mucosa.				2
	Oral diseases related to age				2
	- Oral pediatrics				
	- Oral Gerontology				
	Injuries and side effects of the oral mucosa				2
	- Mechanical damages				
	- Thermal damages				
	- Chemical damages				
	- Chronic post radiation conditions				
	- Undesirable and toxic medicinal reactions to oral mucous membrane				2
	- Damages from metals and metalloids				
	Pathological changes, developmental anomalies and inflammation of the lips				3
	- Developmental anomalies of the lips				
	- Acquired deviations of the lips				

- Inflammation of the lips	
Pathological changes, developmental anomalies and inflammation of the tongue - Developmental anomalies of the tongue - Other tongue changes - Changes in blood vessels	2
Pathological conditions of the palate - Hereditary anomalies of the palate - Inflammation of the palate	1
Diseases of the salivary glands - Soft infiltrative (doughy)swelling - Soft elastic (rubbery)reversible and painful swellings - Solid, compact, irreversible and painless swellings - Elastic, rubbery, solitary changes - Changes in salivary secretion and sensitivity	3
Oral diseases resulting from sexual contact - Lues - AIDS	2 1
Infections of the oral mucosa - Non-specific bacterial infections - Specific bacterial infections - Viral infections	2 3 3
Oral aphthous ulcers - Stomatitis aphtosa chronica recidivans - Minor type - Major type - Herpetiformis type - Aphtae Bednar - Aphtoid Pospischill-Feyreter - Ulcus vulvae actum-Lipsschuitz - Morbus Bechet	4
Mucocutaneous bullous diseases - Erythema exudativum multiforme - Steeven-Johnson syndrome - Pemphigus vulgaris - Pemphigoid bulossus - Pemphigoid mucosae oris - Dermatitis herpetiformis During - Epidermolysis bullosa hereditary simplex - Lichen planus - Linear A disease	4
Systemic autoimmune diseases -Reumatoid arthritis - Juvenile chronic arthritis - Felt's syndrome - Lupus erithematodes - Reiter syndrome -Sclerodermia - Morbus Adisson -Miastenia gravis	2
Oral allergic reactions - Stomatitis allergica medicamentosa - Enanthema fixum - Stomatitis prosthetica	2
Precancerous and cancerous conditions in the oral cavity - Optional precancerous lesions - Obligatory precancerous diseases - Carcinoma in the oral cavity	2

Oral manifestations of immunodeficiency	1
Oral manifestations in vasculitis, paraproteinemias and amyloidosis	1
Total	60
Practical lessons:	Class
Anatomy of the oral cavity (lips, cheek, vestibule of the oral cavity, palate, tongue, floor of the mouth, salivary glands)	1
Histology of the oral cavity; Masticatory mucous membrane; Crochet mucosa; Oral flora	1
Oral immunity; Nonspecific protection mechanism; Non-specific active protection; Nonspecific cell protection; Mechanism of specific protection; Hypersensitivity reactions	1
Disorders and healing of oral soft tissues	2
Inflammation. Types of exudative inflammation. Types of inflammation by duration.	2
Cellular deviations. Cellular adaptations. Cellular accumulation. Disorders of oral soft tissue Cell disintegration-irreversible damages	2
Healing of injured tissue; Pathology of the oral mucosa	2
Basic pathological processes in the epithelium and lamina propria. Primary efflorescences of the oral mucosa. Efflorescences at the level of the oral mucosa. Efflorescences above the level of the oral mucosa. Efflorescences under the level of the oral mucous membrane. Secondary efflorescence of the oral mucosa	2
Approach and anamnesis	4
Clinical examination	4
Continuing diagnostic procedures	2
Development of diagnosis, work diagnosis, definitive diagnosis	2
Hereditary genodermatosis, hereditary and developmental anomalies of the mouth	2
Oral diseases associated with the age	2
Oral diseases as a consequence of systemic disturbances	4
Candidomycotic infections in the mouth	2
Viral infections in the mouth	4
Aphthous lesions	2
Bullous diseases	2
Non-specific bacterial infections	2
Specific bacterial infections	3
Allergic manifestations in the oral cavity	2
Pre-cancerous and cancerous in the oral cavity	2
Diseases of the salivary glands	2
Sexually transmitted diseases	2

	Clinical and laboratory diagnostic tests in oral medicine.				2
	Bright colored changes to the oral mucosa Dark colored changes and pigmentation Defects on the oral ligament Increase in the tissue volume in oral cavity				2
	Total				60
12	Methods of studying: class room oriented lectures, interactive lectures, group work, practical training, seminar paper				
13	Total available time		240 classes		
14	Organization of the course		60 classes - theoretical course, 60 classes- practical course, 120 classes - home individual learning and other activities		
15	Forms of teaching activities	15.1.	Theoretical course		60 classes
		15.2.	Practical course, seminars		Practical course- 60 classes
16	Other forms of activities	16.1.	Project tasks		
		16.2.	Individual tasks		
		16.3.	Individual (home) learning		120 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	Credits from the courses/subjects Internal Medicine and Dermatovenerology 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)			
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

		1	Dimitrovski V. Popovska M.	Fundamentals of oral propedeutics	Faculty of dentistry-Skopje	2002	
		2	Belazelkoska Z. Nakova M.	Oral pathology	Faculty of dentistry-Skopje	2003	
		3	Popovska M. Dimitrovski V. Atanasovska Stojanovska A.	Differential diagnosis of oral lesions	Magnasken -Skopje	2004	
		4	Nakova M. Popovska M.	Diagnosis of oral lesions	Faculty of dentistry-Skopje	2006	
		5	Popovska M. Belazelkoska Z. Atanasovska Stojanovska A. Radojkova- Nikolovska V. Mitic K.	Oral medicine and pathology	Faculty of dentistry-Skopje	2013	
		6	Popovska M. Belazelkoska Z. Atanasovska Stojanovska A. Radojkova- Nikolovska V. Mitic K.	Oral Medicine and Pathology Practicum	Faculty of dentistry-Skopje	2013	
		7	Glik M	Burket's Oral Medicine 11 th edition	BC Decker Ink, Hamilton	2008	
		8	Scully and co.	A color atlas of orofacial health and disease in children and adolescents, diagnosis and management	Taylor & Francis e-Library,	2005	
	22.2.	Additional literature					
		No.	Author	Title	Publisher	Year	
		1	Cekic-Arambashin A	Oral medicine	Skolska knjiga - Zagreb	2005	
		2	Greenberg M. Glitz M. Burkett	Oral medicine diagnosis and healing. The tenth edition	Medicinska naklada. Zagreb	2006	
		3	Jankovic Lj	Oral medicine	Zavod za udzbenike i nastavna sredstva Beograd	2011	
		4	Topic B	Differential diagnosis and therapy of oral lesions	Medicinska naklada Zagreb-Sarajevo	2011	