

1	Subject	PEDIATRICS			
2	Code	DPD303			
3	Study Program	Study Program of Integrated studies in dental medicine			
4	Organizing Institution (Unit, Institute, Chair, Department)	Department of Pediatrics, Medical Faculty Skopje			
5	Educational degree (first or second cycle)	Integrated study			
6	Study year/semester	3/5	7	Number of credits	3
8	Teacher	Teachers from Department of Pediatrics			
9	Preconditions	Passed all compulsory courses of 1 and 2 semester. Signatures of 3 and 4 semester courses			
10	<p>Teaching goals:</p> <ol style="list-style-type: none"> 1. The students should gain basic knowledge, which will be applied in a clinical setting in order to handle normal and abnormal growth and development (physical, physiological, psycho-social) of the children from birth to adolescence. 2. The student should be able to provide basic pediatric care to children from different age groups (neonates, infants, toddlers, children and adolescents). 3. The students should gain the appropriate skills and knowledge necessary for the proper handling of the most common and important diseases and urgencies in Pediatrics 4. The students should gain knowledge for professional conduct and communicational abilities necessary for problem-solving (problem solving skills). 5. The students should be equipped for life-long learning , necessary for their further professional development 				
11	Brief content				
	Theoretical course				Class
	1. Introduction to Pediatrics - Social and Preventive Pediatrics. Socio-economic determinants affecting child health. Vital Statistics for Child Health in the Republic of North Macedonia. Health System Organization, National Prevention Programs, Vaccination.				1
	2. Growth and Development, Normal Growth and Growth and Development Abnormalities.				1
	3. Diabetes mellitus				1
	4. Hereditary diseases of the oral cavity. Chromosomal diseases, monogenic diseases, multifactorial inheritance and dimorphism.				1
	5. Nutrition, nutritional needs, nutritional diseases, malnutrition.				1
	6. Нарушувања на метаболизмот				1
	7. Childhood anemia				1
	8. Hemorrhagic syndromes				1
	9. Стоматолошки пристап кај деца со посебни потреби				1
	10. Congenital cardiopathies				1
	11. Malignant diseases in childhood				1
	12. Bronchopneumonia				1
	13. Tuberculosis				1
	14. Post-streptococcal glomerulonephritis				1
	15. CNS diseases / paroxysmal disorders				1
	Total				15
	Practical lessons:				Class

	Mastering the clinical skills and practical application of the acquired theoretical knowledge. Clinical exercises at the Pediatric Clinic. Students follow the exercises with diseases covered in theoretical instruction.			15
	Total			15
	Seminars			Class
	1. Congenital anomalies of the oral cavity			1
	2. Communication with a child in a dental office			1
	3. Respiratory infection			1
	4. Dental intervention in a child with congenital heart failure			1
	5. Dental intervention in a child with diabetes mellitus			1
	6. Liver diseases			1
	7. Dental interventions in a child with malignant disease			1
	8. Lymphadenopatys			1
	9. Urinary tract infection			1
	10. Hemophilia - preparation for dental intervention			1
	11. Rheumatic diseases			1
	12. Access to a child with a mental disorder - Access to a child with autism			1
	13. Diseases of the immune system - Dental interventions in children with immune deficits			1
	14. Immunization			1
	15. Rachitis			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	40 – 70 points
		17.2.	Active participation, seminar paper/project (oral/written presentation)	5 -10 points
		17.3.	Essay	15 – 20 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;				
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	Dusko Mardesic	Pediatrics	Skoljska knjiga Zagreb	2016
	22.2.	Additional literature				
		No.	Author	Title	Publisher	Year
1		Robert Kliegman Joseph St. Geme	Nelson Textbook of Pediatrics	Imprint Elsevier	2019	