Attachment No. 3		Course program of the first cycle of studies			
1.	Course title	Pediatrics			
2.	Code	DMMPD3			
3.	Study program	Dentistry - integrated first and second cycle of studies			
4.	Organizer of the study program (unit, i.e. institute, department, division)	University "Ss. Cyril and Methodius" in Skopje, Faculty of Medicine – Skopje, Department of Pediatrics			
5.	Degree (first, second, third cycle)	Integrated First and Second Cycle Studies			
6.	Academic year/semester	Year	3	Semester	5
7	Course workload expressed in ECTS credits	3			
8.	Teacher	Teacher in charge Prof. Dr. Svetlana Kocheva All teachers participate in the teaching process			
9.	Language in which the curriculum is conducted	English			
10.	Necessary prerequisites for taking and passing the course	Completed all compulsory subjects from the second year and passed all compulsory subjects from the first year			
11.	Course objectives (competences) and learning outcomes:	Students will acquire basic knowledge about the normal and abnormal growth and development (physical, physiological, psychosocial) of children from birth to adolescence. Students will acquire basic knowledge about childhood diseases that have an impact on oral health. Students will acquire appropriate professional behavior and communication skills for problem solving (problem solving skills). Students will be equipped for lifelong learning, necessary for their further professional development.			
12.	Detailed course content by chapters and units with learning outcomes for each chapter	1. Chapter – Pediatrics - Introduction to pediatrics – Social and preventive pediatrics. Socio-economic determinants that affect child health. Vital statistics for child health in the Republic of Macedonia. Organization of the health system, National preventive programs, Mandatory vaccination. 1 class - Growth and development, Normal growth and growth charts, abnormalities of growth and development. 1 class - Diabetes mellitus 1 class			

		- Hereditary diseases involving the oral cavity. Chromosomal diseases, monogenic diseases, multifactorial inheritance and dysmorphism.1class - Nutrition, nutritional needs, nutritional diseases, malnutrition. 1 class - Metabolic disorders 1 class - Anemias in childhood 1 class - Hemorrhagic syndrome 1 class - Dental approach in children with special needs - Congenital heart diseases 1 class - Malignant diseases in childhood 1 class - Bronchopneumonias 1 class - Tuberculosis 1 class - Poststreptococcal glomerulonephritis 1 class - Paroxysmal disorders 1 class - Approaching a child in a dental office1 class - Congenital anomalies of the oral cavity 1 class - Upper respiratory infections 1 class - Dental intervention in a child with heart disease (congenital and acquired) 1 class - Dental intervention in a child with diabetes mellitus on insulin therapy 1 class - Liver diseases 1 class - Dental interventions in a child with malignant disease 1 class - Lymphadenitis 1 class - Urinary infections1 1 class - Hemophilia – preparation for dental intervention 1 class - Rheumatic diseases and fever 1 class - Approaching a child with mental disorders – approaching a child with autism 1 class - Diseases of the immune system - Dental interventions in children with immune deficiency 1 class - Immunization 1 class - Rahitis 1 class Results from chapter 1: Students will acquire basic knowledge about the normal and abnormal growth and development (physical, physiological, psychosocial) of children from birth to adolescence, with basic knowledge about childhood diseases that have an impact on oral health. Students will acquire appropriate professional behavior and communication skills for solving problems (problem-solving skills) and will be able to engage in lifelong learning, necessary for their further professional development. Total: .....30 classes Practical teaching-exercises Mastering clinical skills and practical application of acquired theoretical knowledge. Clinical exercises at the Clinic of Pediatrics. During the exercises, students observe patients with diseases covered in the theoretical teaching. Total .....15 classes		
13	Interrelation of subjects	Internal medicine, infectious diseases, medical ethics, and psychology		
14.	Detailed description of the teaching and working methods for the subject	Interactive teaching for each methodological unit, Clinical exercises for mastering clinical skills and practicing the acquired knowledge.		
15.	Total available time	90 classes		
16.	Forms of teaching activities	16.1.	Lectures - theoretical teaching. Classes	30
		16.2.	Exercises (laboratory, lecture), seminars, teamwork: classes	15
		16.3.	Practice: classes	
17.	Other forms of activities	17.1.	Project assignments: classes	
		17.2.	Independent assignments: classes	
		17.3.	Home study – assignments	45
18	Signature requirements	Attendance at exercises (20 points) and 50-60% at lectures (1 point). Absence from a maximum of two exercises		
19	Method of assessment			
	19.1.	Tests: points		

	19.2.	Seminar paper/project, written and oral presentation: points			
	19.3.	Final exam: points			
20	Grading criteria (points/grade)		from 59 points	5 (five) (F)	
			60 to 68 points	6 (six) (E)	
			69 to 76 points	7 (seven) (D)	
			from 77 to 84 points	8 (eight) (C)	
			from 85 to 92 points	9 (nine) (B)	
			from 93 to 100 points	10 (ten) (A)	
21.	Method of monitoring the quality of teaching		Self-evaluation by students, control of assistants in carrying out practical teaching and assessment of the students' success, as well as the pass rate of students who have passed the course		
22.	Literature				
	22.1.	Required literature			
		Ord. No.	Author	Title	Publisher	Year
		1.	Author Group	Selected chapters from pediatrics	Faculty of Medicine - Skopje	2021
	22.2.	Additional literature			
		Ord. No.	Author	Title	Publisher	Year
		1.	Dusko Mardesikj	Pediatrics	Skolska kniga – Zagreb	2016