

		1.	Marija Stevanovikj, Mira Jankulovska, John Nicholson, Elizabeta Gjorgievska (editor), Ana Sotirovska-Ivkovska, Zlatko Georgiev, Dejan Markovikj, Aleksandar Dimkov, Meri Pavlevska, Alberto Benedeti, Dragani Tamara Perikj, Bojan Petrovic, Vesna Amarkova, Olga Kokocheva-Ivanovska, Jasna Simonoska	Pediatric dentistry	Ars Lamina	2022
		2.	Beloica D et al.	Pediatric Dentistry	Elit-Medica Beograd	2000
		3.	Vulovic M et al.	Preventive Dentistry	Faculty of Dentistry, Belgrade	2000
		4.	Gabriela Kjurchieva Chuchkova	Orthodontics for Doctors of dentistry (Part one)	Faculty of Dentistry UKIM, Skopje	2023
		5.	Lidija Kanururkova	Orthodontics for Doctors of dentistry (Part two)	Faculty of Dentistry, UKIM, Skopje	2022
	22.2.	Additional literature				
		Ord. No.	Author	Title	Publisher	Year
		1.	Bajraktarova B, Bajraktarova-Valjakova E, Bajraktarova-Mishevska C.	Anomalies of the teeth	NUB Skopje	2011
		2.	McDonald R, Avery D	Dentistry for the Child and Adolescent	Mosby, 7 ed	1999
		3.	Aliakbar Bahreman	Early Age Orthodontic Treatment	1st Edition Quintessence Publishing	2013
		4.	Laura Mitchell	An Introduction in Orthodontics	4thEditionOxford University Press	2013

Attachment No. 3		Course program for the first cycle of studies			
1.	Course title	Forensic medicine and dentistry			
2.	Code	DMMFM6			
3.	Study program	Dentistry - integrated first and second cycle of studies			
4.	Organizer of the study program (unit, i.e., institute, department, division)	UKIM - Faculty of Dentistry – Skopje, Department of Forensic Medicine			
5.	Degree (first, second, third cycle)	Integrated First and Second Cycle Studies			
6.	Academic year/semester	Year	6	semester	11
7.	Course workload expressed in ECTS credits	3			
8.	Teacher (in case of multiple	Teacher in charge: Asst. Dr. Natasha Bitoljanu			

	teachers, designated teacher in charge)	*The teaching is conducted by all professors of the Department of Forensic Medicine.
9.	Language in which the curriculum is conducted	English
10.	Necessary prerequisites for taking and passing the course	Complete compulsory subjects from the fifth year and passed all compulsory subjects from the fourth year.
11.	Course objectives (competences) and learning outcomes:	From the theoretical teaching - knowledge of forensic medical autopsy and indications, death and types of death, signs of death, and cause of death. Knowledge of forensic traumatology, identification of gender, age, and forensic DNA analysis. Broader knowledge of dental identification in individual cases and procedures in mass accidents. Broader knowledge of expert examination, qualification of bodily injuries, and expert examination of injuries to the stomatognathic system. From practical teaching - capable of recognizing different types of injuries, recognizing and describing injuries to the stomatognathic system, capable of taking biological traces for forensic examination, capable of writing a medical certificate and issuing a medical certificate for injuries to the stomatognathic system, broader knowledge of DNA identification through dental tissue, capable of examining teeth during an autopsy, capable of recording dental status in Interpol forms, broader knowledge of bite analysis and identification of the perpetrator.
12.	Detailed course content by chapters and units, with learning outcomes for each chapter	Theoretical instruction - lectures Chapter 1 - Forensic medicine...15 classes. Introduction, subject of study, tasks, Forensic medical autopsy, indication, types.....2 classes - Thanatology - Agony, death, types of death, cause of death, early and late signs of death.....2 classes - Forensic traumatology - mechanical injuries...3 classes - Asphyxial, nutritional, psychological injuries.....2 classes - Physical, chemical injuries.....2 classes - Murder, suicide, accident.....2 classes - Identification of living, dead, skeletonized.....2 classes Outcomes from chapter 1: The students will have knowledge of death, types of death, types of injuries, injuries of the stomatognathic system 2. Chapter - Forensic Dentistry...15 classes - Dental identification, procedure, and analysis, Dental identification in mass accidents, Dental documentation.....2 classes - Age identification through the dentition, Determining gender and race through dental and craniofacial characteristics.....2 classes - Developmental and acquired changes in teeth, Comparison of antemortem and postmortem dental characteristics, DNA identification from dental tissue.....3 classes - Soft tissue injuries, bites, Classification of injuries to the stomatognathic system.....2 classes - Forensic medical examination, Qualification of bodily injuries.....2 classes - Criminal liability of doctors, Medical error, negligent treatment.....2 classes - Expertise in dentistry, Most common errors and negligent treatment among dentists, Criminal liability of dentists.....2 classes Outcomes from chapter 2: Broader knowledge of dental identification in individual cases and procedures in mass accidents. Broader knowledge of forensic examination, qualification of bodily injuries, and forensic examination of injuries to the stomatognathic system. Total:30 classes Practical teaching - exercises

		- From the first chapter ...7..... classes - From the second chapter ..8..... classes. Total15 classes				
13	Interrelation of subjects	Medical error, negligent treatment in the treatment of diseases and injuries of the stomatognathic system				
14.	Detailed description of the teaching and working methods for the subject	Interactive teaching, laboratory or clinical exercises, presentation and performance of procedures in dental identification, demonstration of instruments and methods used, presentation of cases				
15.	Total available time	90 classes				
16.	Forms of teaching activities	16.1.	Lectures - theoretical teaching classes	30 classes		
		16.2.	Exercises (laboratory, auditorium), seminars, teamwork: classes	15 classes		
		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 classes		
18	Signature requirements	In order to receive a signature and take the final exam, the students must attend theoretical and practical instruction and earn a minimum score.				
19	Grading method					
	19.1.	Tests: points			12-20 points	
	19.2.	Seminar paper/project, written and oral presentation: points			5 points Lectures 3-5 points Exercises 3-5 points	
	19.3.	Final exam: points			42 – 70 points	
20	Grading criteria (points/grade)		up to 59 points	5 (five) (F)		
			from 60 to 68 points	6 (six) (E)		
			from 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 instruction		Self-evaluation by students, control by assistants in carrying out practical instruction, 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.	Vincent J. Dimaio, Dominic Dimaio	Forensic Pathology	Tabernakul	2010
		2.	Milosh Tasikj et al.	Forensic Medicine	Zmaj, Novi Sad	2007
		3.	Brkikj H. et al.	Forensic Dentistry	Shkolska knjiga, Zagreb	2000
		4.	Janeska B. et al.	Practicum - Forensic Medicine	Institute of Forensic Medicine, Faculty of Medicine Skopje	2019
	22.2.	Additional literature				
		Ord. No.	Author	Title	Publisher	Year

		1.	Zechevech et al.	Forensic Medicine and Deontology	Medicinska Naklada, Zagreb	2004
		2.	C. Michael Bowers	Forensic Dental Evidence, An Investigator's Handbook	Elsevier academic press	2004

Attachment No. 3		Course program for the first cycle of studies			
1.	Course title	Dental health systems			
2.	Code	DMMDH6			
3.	Study program	Dentistry - integrated first and second cycle of studies			
4.	Organizer of the study program (unit, i.e., institute, department, division)	UKIM - Faculty of Dentistry Department of Prosthodontic Dentistry			
5.	Degree (first, second, third cycle)	Integrated First and Second Cycle Studies			
6.	Academic year/semester	Year	6	semester	11
7	Course workload expressed in ECTS credits	2			
8.	Teacher (in case of multiple teachers, designated teacher in charge)	Prof. Dr. Julijana Nikolovska			
9.	Language in which the curriculum is conducted	English			
10.	Necessary prerequisites for taking and passing the course	Completed all compulsory subjects from the fifth year and passed all compulsory subjects from the fourth year.			
11.	Course objectives (competences) and learning outcomes:	Knowledge of public health in dentistry and its importance for dental practice; Knowledge of effective public health strategies; Recognition of diseases that represent and are a public health problem; Knowledge of population demographics, social, health and oral health trends; Knowledge of the structure of oral health care systems and the implementation of dental health care; Broader knowledge of the types of health insurance; Knowledge of strategies for the best utilization of dental teams; Knowledge of professional management and development of strategies for improving public health in dentistry.			
12.	Detailed course content by chapters and units, with learning outcomes for each chapter	1. Public health in dentistry and public health strategies...2 classes Outcomes from chapter 1: The student will be introduced to the basic concepts of public health and its application in dentistry. The students will learn about strategies for promoting oral health at the population level. 2. Demographic trends and their significance...1 class Outcomes from chapter 2: The students will understand how demographic changes affect healthcare. The students will learn to analyze trends for better planning of dental services. 3. Healthcare systems...1 class Outcomes from chapter 3: The students will learn about the different structures of healthcare systems. The students will learn how they affect the availability and quality of dental services. 4. Policies for managing systems at national and European level...1 class Outcomes from chapter 4: The students will be introduced to health policies implemented at the national and European levels. The students will learn how these policies shape dental practice. 5. Financing of healthcare systems...2 classes			