		5.	Jeffrey P. Okeson	Management of temporomandibular disorders and occlusion - 7th ed.	Elsevier	2013

Serial number: 2

Annex no. 3		**First cycle study program**			
1.	Title of courses	Teeth Morphology 1			
2.	Code	PDTMM11			
3.	Study Program	Professional Dental Technicians			
4.	Organizer of the study program (unit, i.e. institute, department, division)	UKIM - Faculty of Dentistry – Skopje, Department of Dental Prosthetics			
5.	Degree (first, second, third cycle)	First Cycle			
6.	Academic year/semester	Year	1	Semester	1
7	Course load expressed in ECTS credits	6			
8.	Teacher (in case of multiple teachers, a responsible teacher is appointed)	Prof. Dr. Sasho Elenchevski and teachers at the Department of dental prosthetics			
9.	Course language	English			
10.	Necessary prerequisites for listening to and passing the course	None			
11.	Course objectives (competencies) and learning outcomes:	The objective of the course is for the student to gain knowledge about the development, anatomy, and morphology of teeth and their supporting tissues. The student will study the anatomical and morphological features of permanent incisors and canines, as well as their role in the function and aesthetics of the smile and face. Additionally, the student will develop practical skills for modeling teeth from the intercanine sector of the permanent dentition, which will allow him to better understand their anatomy and function.			
12.	Detailed content of the course by chapters and units with learning outcomes for each chapter	Chapter 1 – Anatomical - morphological and histological characteristics of teeth Dental dentition, development and characteristics of teeth ..... 1 class Permanent dentition, chronology, dental arches and arcs ..... 1 class Mixed dentition and differences between deciduous and permanent teeth ..... 1 class Contact points and surfaces, characteristic features of teeth ..... 1 class Tooth marking systems ..... 1 class Tooth anatomy – tooth crown; terminology of crown surfaces and edges ..... 1 class Anatomy of the tooth – neck and root of the tooth, dental cavity ..... 1 class Histology of the tooth – enamel, dentin, cementum and dental pulp ..... 1 class Supporting tissues of the tooth – gingiva, periodontium, alveolar bone ..... 1 class *Results of Chapter 1: The student will learn the basic anatomical, morphological and histological characteristics of teeth and supporting*			

		tissues, as well as their development, designation and terminology necessary for a proper understanding of oral structure. Chapter 2 – Teeth in the Intercanine Sector Permanent maxillary central incisor ..... 1 class Permanent maxillary lateral incisor ..... 1 class Permanent mandibular incisors ..... 1 class Permanent maxillary canine ..... 1 class Permanent mandibular canine ..... 1 class **Aesthetic significance of the morphology of the intercanine sector -** significance of the shape, symmetry and position of the incisors and canines for the face and smile ..... 1 class *Outcomes of the 2nd chapter: The student will acquire detailed knowledge of the anatomy and morphology of the teeth in the intercanine sector, their function, position and mutual relationship.* **Total: ..... 15 classes** *Exercises:* *- exercises in the first chapter: tooth marking systems; distinguishing marks ..... 8 classes* *- exercises in the second chapter: Teeth in the intercanine sector – drawing and modeling of teeth …… 52 classes* ***Total ..... 60 classes***		
13	Interrelationship of objects	None		
14.	Detailed description of the teaching and working methods for the subject	Interactive teaching (theoretical), work in small groups, laboratory exercises		
15.	Total available classes fund	180 classes		
16.	Forms of teaching activities	16.1.	Lectures - theoretical teaching: classes	15
		16.2.	Exercises (laboratory, classroom), seminars, teamwork: classes	60
		16.3.	Practice: classes	
17.	Other forms of activities	17.1.	Project work: classes	
		17.2.	Individual work: classes	25
		17.3.	Homework - tasks	80
18	Signature requirements	Attendance at 60% of theoretical classes and completed laboratory exercises program		
19	Method of the evaluation			
	19.1.	Tests:		30
	19.2.	Seminar work/project, written and oral presentation: points		10
	19.3.	Final exam: points		60
20	Evaluation 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 teaching	Self-evaluation by students, control of assistants in carrying out practical teaching and assessment of the achieved success of students, as well as the pass rate of students who have passed the course		
22.	Literature			

	22.1.	Compulsory literature				
		Serial number	Author	Title	Publisher	Year
		1.	Evdokija Jankulovska	Anatomy and morphology of jaws and teeth	Faculty of Dentistry - Skopje	2001
		2.	Stenley J. Nelson	Wheeler`s Dental Anatomy, Physiology & Occlusion 10th edition	Elsevier	2015
	22.2.	For further reading				
		Serial number	Author	Title	Publisher	Year
		1.	Richne C. Scheid, Gabriela Weis	Woelfel`s Dental Anatomy Eighth edition	Lippincott Williams & Wilkins	2011
		2.				
		3.				
		4.				
		5.				

Serial number: 3

Annex no. 3		**First cycle study program**			
1.	Title of courses	Technology of Dental Materials 1			
2.	Code	PDTMTM1			
3.	Study Program	Professional Dental Technicians			
4.	Organizer of the study program (unit, i.e. institute, department, division)	UKIM - Faculty of Dentistry – Skopje, Department of Dental Prosthetics			
5.	Degree (first, second, third cycle)	First Cycle			
6.	Academic year/semester	Year	1	semester	1
7	Course load expressed in ECTS credits	5			
8.	Teacher (in case of multiple teachers, a responsible teacher is appointed)	Prof. Dr. Sasho Jovanovski and teachers and associates from the Department of Dental Prosthetics			
9.	Course language	English			
10.	Necessary prerequisites for listening to and passing the course	None			
11.	Course objectives (competencies) and learning outcomes:	Students will acquire professional knowledge about the technology of modern dental materials used in the dental laboratory for the production of prosthetic, orthodontic and maxillofacial restorations, and thus use the acquired professional knowledge for proper assessment when choosing the most appropriate material as well as their implementation in everyday practice when producing all types of dental restorations.			
12.	Detailed content of the	Theoretical teaching:			