Attachment No. 3		Course program for the first cycle of studies			
1.	Course title	Dental photography			
2.	Code	DMEDF4			
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 Prosthodontic Dentistry, Department of Pediatric and Preventive Dentistry			
5.	Degree (first, second, third cycle)	Integrated First and Second Cycle Studies			
6.	Academic year/semester	Year	4	Semester	7
7	Course workload expressed in ECTS credits	2			
8.	Teacher (in case of multiple teachers, designated teacher in charge)	Prof. Dr. Pancevska Sanja (teachers and associates from the Department of Prosthodontic Dentistry and the Department of Pediatric and Preventive Dentistry)			
9.	Language in which the curriculum is conducted	English			
10.	Necessary prerequisites for taking and passing the course	No			
11.	Course objectives (competences) and learning outcomes:	The students are introduced to the fundamentals of dental photography with a special aspect of the use and significance of photography in dental practice. The students acquire technical, practical, and ethical skills, which will enable them to use dental photography for better communication, diagnostics, and treatment of patients.			
12.	Detailed course content by chapters and units with learning outcomes for each chapter	Chapter 1 - Introduction to Dental Photography, Equipment, and Technical Settings -Introduction ..... 1 class -History of Dental Photography ..... 1 class -Dental Photography – Specifics and Significance (Confidentiality and Ethics in Dental Photography) ..... 1 class -Dental Photography Equipment (Digital Camera, Light Source (Flash), Lip Retractors, Occlusal and Facial Mirrors, Contrast) ..... 1 class -Digital Camera Settings ..... 1 class -Photographic Environment (Ambient Light, Background, Patient Position) ..... 1 class Outcomes from chapter 1: The student will learn of the basics of dental photography, including its history, specifics, and ethical aspects of its use in dentristy; will learn of the equipment, technical settings, and optimal conditions for producing high-quality dental photography. Chapter 2 - Types and Applications of Dental Photographs -Types of Dental Photographs ..... 1 class -Extraoral Dental Photographs (Full Face Photograph, Lip Photograph, Lateral Photograph, Color Selection Photograph, Before and After Photographs) ..... 1 class -Intraoral Dental Photographs (Frontal Central Photograph, Lateral Left and Right Photograph, Maxillary Occlusal Photograph, Mandibular Occlusal			

		Photograph, Directed Photographs) ..... 1 class -Laboratory Model Photography ..... 1 class -Smile Photography and Analysis ..... 1 class Outcomes from chapter 2: The student will learn about the different types of dental photographs, including extraoral and intraoral techniques, laboratory model photography, and smile analysis, as well as their application in dental practice. Chapter 3 - Safety, processing, and storage of dental photographs - Infection control in dental photography ..... 1 class -Storage of dental photographs ..... 1 class -Editing dental photographs ..... 1 class -Clinical and educational use of dental photographs ..... 1 class Outcomes from chapter 3: The student is introduced to the ways to safely photograph, process, store, and use dental photographs, respecting hygiene protocols and ethical standards. Total: ..... 15 classes Seminars - From the second chapter - introduction to photography equipment, extraoral and intraoral photographs, smile analysis, use of photography in PowerPoint, and editing Total ..... 15 classes			
13	Interrelation of subjects	No			
14.	Detailed description of the teaching and working methods for the subject	Interactive teaching, practical working in small groups, presentation and demonstration of equipment used, teamwork			
15.	Total available time	60 classes			
16.	Forms of teaching activities	16.1.	Lectures - theoretical teaching classes	15 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	30 classes	
18	Signature requirements	In order to receive a signature and take the final exam, the student must attend the theoretical classes.			
19	Grading method				
	19.1.	Tests: points			
	19.2.	Seminar paper/project, written and oral presentation: points		40 points	
	19.3.	Final exam: points		60 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.	Wolfgang Bengel	Mastering dental photography	Quintessence Publishing Co, Ltd. London	2006
		2.	Irfan Ahmad	Essentials of Dental Photography	Wiley Blackwell	2020
		3.	Course professors	Authorized lectures	Faculty of Dentistry - Skopje	2019
	22.2.	Additional literature				
		1.				