

Ord. No.	Author	Title	Publisher	Year
1.	Silvana Georgieva and Iliana Muratovska	Dental pharmacology	Faculty of Dentistry - Skopje	2014
Additional literature				
Ord. No.	Author	Title	Publisher	Year
1.	Ileana Linchir et al.	Pharmacology for dentists	Medcinska naklada - Zagreb	2011

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 dentistry; 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.				

Attachment No. 3		Course program for the first cycle of studies			
1.	Course title	Clinical fixed prosthodontics			
2.	Code	DMMCF5			
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			
5.	Degree (first, second, third cycle)	Integrated First and Second Cycle Studies			
6.	Academic year/semester	Year	5	semester	9 и 10
7	Course workload expressed in ECTS credits	9			
8.	Teacher (in case of multiple teachers, designated teacher in charge)	Teacher in charge – Prof. Dr. Vesna Korunoska – Stevkovska Professors from the Department of Prosthodontic Dentistry			
9.	Language in which the curriculum is conducted	English			
10.	Necessary prerequisites for taking and passing the course	All compulsory subjects from the fourth year were completed, and all compulsory subjects from the third year were passed			
11.	Course objectives (competences) and learning outcomes:	Students will be enabled to independently establish a diagnosis, prepare a treatment plan for patients who have an indication for the manufacture of fixed prosthodontic restorations, including solving complicated clinical cases where prosthodontic therapy will be carried out with fixed and removable prosthodontic constructions.			
12.	Detailed course content by chapters and units with learning outcomes for	I. Chapter: Fixed prosthodontic restorations made on individual teeth - Introduction, diagnosis, and treatment plan for making fixed prosthodontic restorations on a single tooth.- 1 class - Planning and assessment of teeth as potential crown carriers - 1 class - Types of crowns and abutments, indications and contraindications.- 1 class - Means for tooth preparation, principles of tooth preparation 1 class			