Attachment No. 3		Course program for the first cycle of studies
1.	Course title	Geriatric dentistry
2.	Code	DMIGS5
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	Integrated First and Second Cycle Studies

	cycle)				
6.	Academic year/semester	Year	5	Semester	9
7	Course workload expressed in ECTS credits	2			
8.	Teacher (in case of multiple teachers, designated teacher in charge)	Teacher in charge: Prof. Dr. Sasho Elenchevski Prof. Dr. Kristina Mitikj			
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 acquire broader knowledge about the aging process and changes in the stomatognathic system that occur in geriatric patients; knowledge about the indications and planning of dental treatment in the elderly, and familiarization with certain specifics of prosthodontic treatment. At the same time, the students are introduced to the interdisciplinary approach in the therapy of geriatric patients and are trained to provide instructions for proper maintenance of oral hygiene and advice on appropriate nutrition in order to improve the quality of life of these patients.			
12.	Detailed course content by chapters and units, with learning outcomes for each chapter	Theoretical instruction - lectures 1. Chapter - Introduction to GERIATRIC DENTISTRY - 1 class - Physiology of aging - 1 class - Masticatory function and nutrition in the elderly; quality of life and indices for determining quality of life in the elderly - 1 class - Interdisciplinary approach to therapy of geriatric patients; maintenance of oral hygiene in the elderly - 1 class - Oral diseases and oral manifestations of general diseases; cardiological, neurological, and psychiatric disorders in the elderly - 1 class Medical and dental assessment of health in the elderly, drug therapy, and side effects; local anesthesia - 1 class Outcomes from chapter 1: the students will focus on the aging process and its effect on mastication, oral diseases, drug therapy, local anesthesia, and the application of an interdisciplinary approach to therapy of geriatric patients. 2. Chapter Diseases of hard dental tissues and endodontic therapy in the elderly - 1 class Therapy of periodontal diseases in geriatric patients – 1 class Fixed prosthodontic treatment in the elderly - 1 class Effects of aging in prosthesis wearers; removable partial prosthesis in geriatric patients – 1 class Total prosthesis and overprosthesis in the elderly – 1 class Oral rehabilitation and specifics of planning dental and prosthodontic treatment in the elderly dependent on other people's care – 1 class Implants and prosthodontic replacements over implants in the elderly – 1 class - Oral and maxillofacial surgery in the elderly – 1 class Outcomes from chapter 2: The students will focus on education and obtaining in-depth knowledge of endodontic, periodontal, and prosthodontic-implant therapy, as well as performing interventions in the field of oral and maxillofacial surgery in geriatric patients. Total: .....15 classes Practical teaching - exercises - From the first chapter -7 classes - From the second chapter -8 classes Total .....15 classes			
13	Interrelation of subjects	Interrelation with Dental Prosthodontics, Clinical Periodontology, Oral Medicine and Pathology, Endodontics, Oral Surgery			
14.	Detailed description of the	Interactive teaching (theoretical), working in small groups (exercises), and			

	teaching and working methods for the subject	other forms set by the joint ECTS criteria			
15.	Total available time	60 classes			
16.	Forms of teaching activities	16.1.	Предавања- теоретска настава часови		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				
19	Grading method				
	19.1.	Tests:		30 points	
	19.2.	Seminar paper/project, written and oral presentation: points		10 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.	Lj. Tihachek, I. Stanchikj	Dental gerontoprosthodontics	Koraci, Kragujevac	2009
		2.	D.Đukanović, V.Todorović	Gerontostomatologija	Novi Sad, Stomatoloski fakultet - Panĉevo	2012
		3.	Ćatović A. i sur.	Gerontostomatologija	Zagreb: Medicinska naklada	2010
	22.2.	Additional literature				
		Ord. No.	Author	Title	Publisher	Year
		1.	Budtz-JorgensenE.	Prosthodontics for the elderly: Diagnosis and Thretment	Quintessence Publication Co, Inc.	1999
		2.	Jones D John, Garcia TLily.	Removable Partial Prosthesis, A Clinician's Guide	Wiley-Blackwell	2009