Attachment No. 3		Course program for the first cycle of studies			
1.	Course title	Physiology 2			
2.	Code	DMMPH2			
3.	Study program	Dentistry - integrated first and second cycle of studies			
4.	Organizer of the study program (unit, i.e., institute, department, division)	University "Ss. Cyril and Methodius" in Skopje. Faculty of Medicine - Skopje, Department of Physiology			
5.	Degree (first, second, third cycle)	Integrated first and second cycle studies			
6.	Academic year/semester	Year	2	Semester	3
7	Course workload expressed in ECTS credits	7			
8.	Teacher	Prof. Dr. Beti Dejanova			
9.	Language in which the curriculum is conducted	English			
10.	Necessary prerequisites for listening and taking the class	Prerequisite for listening are physiology 1 and anatomy 1 and 2, and the prerequisite for taking physiology 2 is passing physiology 1			
11.	Course objectives (competences) and learning outcomes:	The student should understand the physiological processes and control mechanisms of the organic systems in the human organism. The student acquires knowledge about the function of organs and tissues in the organ systems of the human organism as a whole.			
12.	Detailed course content by chapter and units, with the learning outcomes for each chapter	Theoretical teaching - lectures Chapter Two - Physiology of Individual Organ Systems - Physiology of body fluids..... 2 classes - Physiology of the urinary system..... 5 classes - Physiology of electrolyte regulation..... 2 classes - Physiology of acid-base balance regulation... 2 classes - Physiology of the peripheral nervous system..... 5 classes - Physiology of the central nervous system..... 5 classes - Physiology of the autonomous system..... 2 classes Results of the first chapter: The student will understand the basic characteristics of the functioning of the physiological processes and the regulatory mechanisms of the individual organ systems. Second chapter - physiology of the senses and of the endocrine system - Physiology of senses .....10 classes			

		- Physiology of the endocrine system..... 12 classes Results of the second chapter: The student will understand the basic characteristics of the functioning of the physiological processes of the senses and of the endocrine regulatory mechanisms of the organic systems as a whole. Total: .....45 classes Practical teaching - exercises - From the first chapter: 23 classes - From the second chapter: 22 classes Total: .....45 classes			
13	Interrelation of subjects	Connection to physiology 1			
14.	Detailed description of the teaching and working methods for the subject	Interactive teaching from the theoretical part, laboratory exercises, work in small groups, presenting and performing laboratory procedures, demonstrating methods used to determine experimental and clinically important parameters for the physiological function of organs, tissues, and organ systems through teamwork			
15.	Total Available Time	210 classes			
16.	Forms of teaching activities	16.1.	Lectures - theoretical teaching. Classes	45	
		16.2.	Exercises (laboratory, auditorium), seminars, teamwork: classes	45	
		16.3.	Practice: classes		
17.	Other forms of activities	17.1.	Project assignments: classes		
		17.2.	Independent assignments: classes	30	
		17.3.	Home study - assignments: classes	90	
18	Signature requirements	Attendance at exercises (15 points) and 50% of lectures (5 points)			
19	Method of grading				
	19.1.	Tests: points		2 tests (30 + 30 points)	
	19.2.	Seminar work/project, written and oral presentation: points		/	
	19.3.	Final exam: points		20	
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, assistant control during the practical teaching and assessment of the achieved student success, as well as the pass rate of students who have passed the subject			

22.	Literature					
	22.1.	Required literature				
		Ord. number	Author	Title	Publisher	Year
		1.	B. Dejanova et al.	Physiology Practicum	Faculty of Medicine Skopje	2013
		2.	Guyton AK and Hal JE	Medical physiology	Academic Press, Skopje	2012
		3.	Department of Physiology	Physiology 2	Faculty of Medicine Skopje	2012
	22.2.	Additional literature				
		Ord. number	Author	Title	Publisher	Year
		1.	Prabhaker E., Ali K.	Essential Physiology for Dental Students	Wiley-Blackwell	2018