

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.	Gordana Kovachevska, Aneta Mijoska	Dental materials - dental and clinical		2019
		2.	Stamenkovikj D. et al.	Dental construction materials	Kukja Shtampe, Zemun	2007
		3.	Teachers from after Department of Orthodontics	Presentation slides	Faculty of Dentistry Ss. Cyril and Methodius University Skopje	
	22.2.	For further reading				
		Serial number	Author	Title	Publisher	Year
		1.	Jerolimov V et al.	Osnove Stomatoloskih materijala	Zagreb	2005

Serial number: 14

Annex no. 3		First cycle study program			
1.	Title of courses	Medical Ethics and Psychology			
2.	Code	PDTEEP1			
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	2
7.	Course load expressed in ECTS credits	3			
8.	Teacher (in case of multiple teachers, a responsible teacher is appointed)	Prof. Dr. Julijana Nikolovska			
9.	Course language	English			
10.	Necessary prerequisites for listening to and passing the course	/			
11.	Course objectives (competencies) and learning outcomes:	Within the theoretical lectures of the course, students will have the opportunity to gain broader knowledge about medical and dental ethics, about the application of basic ethical principles in clinical practice such as: respecting patients' rights to trust, informed consent and autonomy, applying the rule primum non nocere and advocating the attitude of empathy, the doctor-patient relationship, getting to know dentistry as a profession, its specific characteristics and the application of professional ethics, as well as broader knowledge			

		about medical psychology.
12.	Detailed content of the course by chapters and units with learning outcomes for each chapter	Theoretical teaching: - Meaning of ethics and morality, history of medical ethics 1 class <i>Learning outcomes: The student will understand the fundamentals of ethics and morality as a basis for ethical thinking in medicine. Will gain a historical perspective on how medical ethics has developed over the centuries.</i> - Medical ethics and bioethics 1 class <i>Outcomes of the study: The student will be introduced to the concepts of medical ethics and bioethics and their importance in contemporary clinical practice. Will learn how these disciplines contribute to ethical decision-making in healthcare.</i> - Ethical theories and their application 1 class <i>Learning outcomes: The student will gain knowledge about various ethical theories such as utilitarianism, deontology, and virtue ethics. Will learn how theories are used to analyze and solve ethical problems in practice.</i> - Code of Conduct and Deontology of Health Professionals 1 class <i>Learning outcomes: The student will understand the professional and moral obligations of healthcare professionals. He will learn to respect the principles of deontology in everyday work with patients.</i> - Ethical principles 1 class <i>Learning outcomes: The student will be introduced to basic ethical principles such as autonomy, justice, beneficence, and non-maleficence. He will learn how to apply these principles in decision-making.</i> - Doctor-patient relationship (essential elements, bioethical models) 1 class <i>Learning outcomes: The student will learn about the importance of trust, respect and empathy in the relationship with patients. Will be able to distinguish between different communication models.</i> - Professional ethics 1 class <i>Learning outcomes: The student will understand what it means to behave professionally in a healthcare institution. Will learn how to balance personal values with professional standards.</i> - Communication skills, principles of professional communication in clinical practice 1 class <i>Learning outcomes: The student will develop skills for effective and ethical communication with patients and colleagues. Will learn to recognize the importance of listening, clarity, and emotional intelligence.</i> - Ethical dilemmas in dental practice 1 class <i>Learning outcomes: The student will learn how to recognize situations of ethical conflict in dentistry. Will be able to think critically and propose appropriate solutions.</i> - Ethics towards the human body 1 class <i>Learning outcomes: The student will become familiar with the moral aspects of interventions on the human body. Will develop a responsible and respectful approach to patients.</i> - Clinical Ethics 2 classes <i>Learning outcomes: The student will learn how ethical principles are applied in real clinical situations. Will develop skills for ethical decision-making under pressure.</i> - Ethics in scientific research, informed consent 1 class <i>Learning outcomes: The student will understand why ethical</i>

	<i>approval of research is important. They will learn about the process and meaning of informed consent among respondents.</i> - Ethical responsibility of student and professor 1 class <i>Learning outcomes: The student will become aware of personal and academic ethical responsibility. Will learn how ethics affects credibility and integrity in the educational process.</i> - Law, Ethics and Medicine / Dentistry 1 class <i>Learning outcomes: The student will become familiar with the legal aspects related to ethical issues in medicine. Will understand how to navigate situations where law and ethics are in conflict.</i> - Basic concepts of medical psychology and neuroscience 1 class <i>Learning outcomes: The student will acquire basic knowledge about the connection between the psyche and the body. He will learn about the influence of neuroscience on the understanding of human behavior.</i> - Basic needs of the human organism, growth and development 1 class <i>Learning outcomes: The student will become familiar with the basic biological and psychological needs of people. He will understand how they change through different stages of life.</i> - Basic models in clinical psychology 2 classes <i>Learning outcomes: The student will learn about various psychological models used in clinical diagnosis and treatment. Will gain a foundation for further understanding of mental disorders.</i> - Methods in clinical psychology 1 class <i>Learning outcomes: The student will become familiar with the assessment and intervention methods used by clinical psychologists. He will learn to distinguish between qualitative and quantitative approaches.</i> - Psychological functions: attention, emotions, motivation, memory 2 classes <i>Learning outcomes: The student will understand how these functions affect daily functioning and clinical assessment. Will gain foundation for recognizing their disorders.</i> - Psychological functions: cognition, perception, thinking, intelligence and abilities 2 classes <i>Learning outcomes: The student will learn about the mechanisms of thought processes and how they are assessed. Will understand how these functions affect the patient's performance and adaptation.</i> - Temperament and personality 1 class <i>Learning outcomes: The student will learn how different personality types and temperaments influence behavior. Will understand how this knowledge helps in adapting a therapeutic approach.</i> - Pain and the biopsychosocial approach to pain 2 classes <i>Learning outcomes: The student will be introduced to the multidimensional approach to understanding pain. He will learn how psychological and social factors influence pain and its treatment.</i> - Stress - concept, manifestation and coping 1 class <i>Learning outcomes: The student will understand how stress affects the body and mind. Will learn strategies to effectively deal with stressful situations.</i> - Burnout syndrome 1 class <i>Learning outcomes: The student will learn to recognize the signs of professional burnout. Will understand the importance of mental hygiene and balance in work.</i> - Temporomandibular problems /psychological aspect/1 class <i>Learning outcomes: The student will learn how psychological</i>
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		<i>conditions can affect oral health. Will be introduced to the psychosomatic approach in dental practice.</i> Total:30 classes				
13.	Interrelationship of courses					
14.	Detailed description of the teaching and working methods for the subject		Interactive teaching (theoretical), small groups work and other forms foreseen by the common ECTS criteria			
15.	Total available classes fund		90 classes			
16.	Forms of teaching activities	16.1.	Lectures - theoretical teaching, classes	30		
16.2.		Exercises (laboratory, classroom), seminars, teamwork: classes				
16.3.		Practice: classes				
17.	Other forms of activities	17.1.	Project work: classes	30		
17.2.		Individual work: classes				
17.3.		Homework - tasks	30			
18.	Signature requirements		To get a signature, the student must have attended at least 60% of the classes.			
19.	Method of the evaluation					
	19.1.	Tests: points		40		
	19.2.	Seminar work/project, written and oral presentation: points		20		
	19.3.	Final exam: points		40		
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)		
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	22.1.	Compulsory literature				
		Serial number	Author	Title	Publisher	Year
		1.	Nikolovska J.	Ethical Aspects in Dentistry	RI-Grafika, Skopje	2019
		2.	Pop-Jordanova Nada	Medical Ethics	Kultura, Skopje	2009
		3.	Pop-Jordanova Nada	Medical Psychology	Kultura, Skopje	2009
	22.2.	For further reading				
		Serial number	Author	Title	Publisher	Year
		1.	Havelka M.	Zdravstvena psihologija	Naklada Slap, Jastrebarsko	2002
		2.				
3.						