

№	Title of the training module, disciplines	Exams	Credit tests	Number of academic hours		Distribution by years and semesters																				Competency code													
				Total hours	Class hours	Including			I year			II year			III year			IV year			V year																		
						Lectures	Laboratory practicals	Skills building sessions	Workshops	semester #1, 20 weeks	semester #2, 18 weeks	semester #3, 18 weeks	semester #4, 19 weeks	semester #5, 18 weeks	semester #6, 18 weeks	semester #7, 20 weeks	semester #8, 17 weeks	semester #9, 16 weeks	semester #10, 20 weeks																				
2.10.2	Philosophy and methodology of science ³	/10		/124	/72	/40																									/64	/40	/60	/32	/3	UC-1			
2.10.3	Foreign language ³	/10		/142	/96			/96																							/62	/40	/80	/56	/4	UC-3			
2.10.4	Fundamentals of information technology ³		/8d	/72	/50	/26		/24															/36	/26	/36	/24	/2									UC-2			
	Amount of session training hours			10700	6409	897	654	4780	78	1114	700	30	974	619	28	1078	621	26	1094	680	29	1168	652	27	1114	630	30	1134	694	30	1032	584	24	884	554	25	1108	675	34
	Amount of session training hours per week										35		34			35		36			36		35		35		34		35		34		35		34				
	Amount of exams	27										1		3		4		3		4		4		4		2		4		2									
	Amount of credits		56									8		6		3		5		5		5		5		6		4		5		9							

IV. Practical sessions

Name of practical sessions	Semester	Week	Credits
1.Dental Prosthetic Practice	2	2	3

V. Work experience practical training

Name of the practical course	Semester	Week	Credits
1. Nursing Practice	4	2	3
2. Medical Outpatient Practice (Preventive Dentistry)	4	2	3
3. Medical Outpatient Practice (Therapeutic Pediatric Dentistry)	6	2	3
4. Medical Outpatient Practice (Therapeutic Dentistry)	6	2	3
5. Medical Outpatient Practice (Prosthodontics)	8	2	3
6. Medical Inpatient Practice (Oral and Maxillofacial Surgery)	8	2	3
7. Medical Inpatient Practice (Oral and Maxillofacial Pediatric Surgery)	10	1	1

VI. Final academic assessment

State exam:
1. Therapeutic Dentistry
2. Prosthodontics
3. Oral and Maxillofacial Surgery

VII. Competence matrix

Competency code	Name of competence	Module code, discipline code
UC-1	Apply the methods of scientific cognition in research, generate and implement innovative ideas	2.10.2
UC-2	Solve professional, scientific and innovative tasks based on the use of information and communication technologies	1.3.1, 2.10.4
UC-3	Carry out communications in a foreign language in an academic, scientific and professional environment for the implementation of research and innovative activities	2.10.3
UC-4	Provide communications, demonstrate leadership skills, be capable of team organization and development of strategic goals and objectives, be tolerant to social, ethnic, religious, cultural and other differences	1.3.3, 2.9.2
UC-5	Be capable of self-development and improvement in professional activity, develop innovative competence and ability to innovative activity	1.3
UC-6	Take the initiative and adapt to changes in professional activity, be able to predict the conditions for the implementation of professional activity and solve professional tasks in conditions of uncertainty	1.3
UC-7	Possess the ability to formulate personal ideological principles based on the feat of the Belarusian people and the historical lessons of the Great Patriotic War, preserve and multiply the historical memory of the role of the Soviet Union and its peoples in the Victory over German Nazism, pass to new generations the historical truth and norms of behavior, values and traditions developed by the Belarusian people during the period of overcoming the tragic events of the Great Patriotic War	2.9.2
UC-8	Possess modern culture of thinking, a humanistic worldview, an analytical, innovative and critical style of cognitive, socio-practical and communicative activity, use the fundamentals of philosophical knowledge in direct professional activity, independently assimilate philosophical knowledge and build a personal worldview position on this basis	1.1.2
UC-9	Have the ability to analyze the processes of state-building in different historical periods, identify the factors and mechanisms of historical changes, determine the socio-political significance of historical events (personalities, artifacts and symbols) for modern Belarusian statehood, perfectly use the established patterns in the process of forming civic identity	1.1.1
UC-10	Have the ability to analyze the economic system of the society in its dynamics, the laws of its functioning and development to understand the factors of emergence and directions of development of modern socio-economic systems, their ability to meet the needs of people, identify factors and mechanisms of political and socio-economic processes, use economic analysis tools to assess the political process of economic decision-making and the effectiveness of economic policy	2.9.2
UC-11	Carry out communications in a foreign language in professional activity, use the knowledge of word formation, pronunciation when using Greek-Latin medical terminology	1.2, 2.10.1
UC-14	Use the means of physical culture and sports for maintaining and promoting health, as well as preventing diseases	2.9.3
UC-15	Have the ability to competently use the fundamentals of legal knowledge in various spheres of life, possess the skills of searching for normative legal acts, analyzing their content and applying them in professional activity	2.9.2
BPC-1	Work with optical devices, compile a human(patient) lineage, solve problems in molecular biology, general and medical genetics	1.4.1
BPC-2	Apply the basic biophysical patterns and knowledge concerning the general principles of medical equipment functioning to solve the problems of professional activity	1.4.2
BPC-3	While providing medical care use knowledge about the patterns of the human body development and anatomical structure, its systems and organs, taking into account age, gender and individual characteristics	1.5.1
BPC-4	While providing medical care use knowledge about the structure of the human body at tissue, cellular and subcellular levels, human embryogenesis and its pathology	1.5.2
BPC-5	Use the knowledge about the chemical bases of the processes of tooth enamel demineralization and remineralization, modern chemical and physicochemical methods of analysis of biological fluids, solutions of medicinal substances and biopolymers to make calculations based on the conducted research	1.6.1
BPC-6	Assess the properties of natural and synthetic organic compounds, potentially dangerous substances for the human body, predict their behavior in different biological environment	1.6.2
BPC-7	Assess the indicators of a healthy and sick person physiological state on the basis of knowledge about the patterns of functioning and regulation of the human body vital activity, its organs and systems	1.7.2

Competency code	Name of competence	Module code, discipline code
BPC-8	Use the knowledge about the laws of the environmental factors impact on human health, apply methods of hygienic assessment of the human environment to develop basic preventive health-preserving measures	1.9
BPC-9	Use the knowledge about the pharmacological properties of medicines, to possess the principles of choosing rational pharmacotherapy for dental diseases and for preventive purposes	1.10.3
BPC-10	Apply regulatory legal acts to regulate legal relations in the field of healthcare, pre-trial settlement of disputes, analysis of corruption risks, prevention of corruption violations	1.3, 2.9.2
BPC-11	Use psychological and pedagogical knowledge about the goals and types of communications, the organization of the communicative process in healthcare, apply effective communication methods in resolving conflict situations in medicine, principles of biomedical ethics in professional activity	1.3, 2.9.2
BPC-12	Use the knowledge about the main characteristics of microorganisms that cause human infectious diseases, the laws of the immune system functioning, the mechanisms of disease development during microbiological diagnostics, use knowledge about the basics of oral infections etiopathogenesis during prevention, rational antiseptics and chemotherapy in dentistry	1.9.4
BPC-13	Use knowledge about the risks of radiation and environmentally caused pathology, apply methods to reduce radiation and environmental loads on the population	1.9
BPC-14	Use the knowledge about the laws of the epidemic process, methods of its study, prevention and immunoprophylaxis of infectious diseases, to apply methods of organizing and carrying out disinfection and sterilization of medical equipment	1.9.3
BPC-15	Use the knowledge about the etiology, pathogenesis, morphological features of general pathological processes and diseases at different stages of development (morphogenesis), apply morphological research methods	1.10.1
BPC-16	Use the knowledge about the etiology and pathogenesis of general pathological processes, typical forms of the human body organs and systems pathology while conducting pathophysiological assessment of the laboratory investigation data	1.10.2
BPC-17	Provide first aid in accidents, injuries, bleeding, poisoning and other conditions threatening human life and health	1.3
BPC-18	Identify the main anatomical structures (vessels, nerves, muscles and bones) in the head and neck; use general surgical instruments when putting various types of surgical sutures	1.5.3
BPC-19	Use the knowledge about the molecular basis of vital activity processes in the human body in normal and pathological conditions, apply the principles of biochemical methods for diagnosing diseases, the main methods of biochemical research	1.7.1
BPC-20	Organize and provide medical assistance in emergency situations	1.11.2
BPC-21	Use the knowledge about the etiology and pathogenesis, clinical manifestations, complications, methods of diagnosis and differential diagnosis, apply the principles of treatment and prevention in diseases and injuries in adults and children, provide medical care in emergency conditions	1.11.3, 1.11.4, 1.12.1, 1.12.3, 1.13
BPC-22	Conduct forensic medical examination of corpses and living persons, examine the corpse at the site of its discovery (accident)	1.12.4
BPC-23	Recognize common mental disorders (diseases) and apply methods of their prevention	1.12.5
BPC-25	Use the knowledge about the composition and properties of structural and auxiliary dental materials, technological processes used at the clinical and laboratory stages of manufacturing orthopedic structures	1.8.1
BPC-26	Work with filling and structural materials, apply methods of restoration of teeth hard tissues, dissect hard tissues of teeth during therapeutic interventions and the manufacture of orthopedic structures	1.8.2
EPC-1	Examine patients' condition applying radiation diagnostic methods, identify the main radiation symptoms and syndromes of human diseases applying the combined radiation imaging techniques and radiation therapy	1.11.1
EPC-2	Use the knowledge about the etiology, pathogenesis, clinical manifestations, complications of the most common otorhinolaryngological diseases to provide medical care, including urgent and life-threatening conditions	1.13.5
EPC-3	Conduct a neurological examination, apply modern diagnostic technologies, methods of differential diagnosis in neurostomatological diseases	1.12.2
EPC-4	Apply the methods of taking a pharmacological and allergological history, choose effective and safe medicines for the treatment and prevention of dental diseases	1.12.6
SC-1	Apply the methods of prevention of the dental system diseases, organs and tissues of the oral cavity in children and adults, to conduct sanitary and hygienic education of the population	2.1.1
SC-2	Conduct examination, apply diagnostic methods, differential diagnostics, formulate a clinical diagnosis, apply modern technologies for the treatment and prevention of caries and its complications (pulpitis, periodontitis), other diseases of the hard tissues of the teeth, the oral mucosa in adults; define a comprehensive plan of dental treatment	2.2
SC-3	Apply basic and additional methods of diagnosis, prognosis, treatment and prevention of periodontal diseases based on knowledge about the mechanism of development, classification of periodontal diseases; define the final comprehensive plan of dental treatment and prevention of periodontal diseases in adults in cooperation with specialists from different dental and medical fields	2.3
SC-4	Conduct examination, apply diagnostic methods, modern technologies of treatment and rehabilitation of patients with defects of teeth hard tissues and partial secondary adentia, patients with complete loss of teeth and the basics of temporary and permanent splinting of teeth with the use of fixed and removable orthopedic structures for periodontal tissue diseases, patients with complex maxillofacial pathology at the in-patient department	2.4
SC-5	Conduct examination of patients with pathology of the maxillofacial region, apply methods of anesthesia in maxillofacial surgery and dentistry, apply methods of dental surgery, methods of diagnosis and treatment of patients with odontogenic and non-odontogenic inflammatory processes of the maxillofacial region at the outpatient department, diagnostics of odontogenic diseases of the maxillary sinuses	2.5.1
SC-6	Apply modern methods of clinical, additional, special diagnostics of surgical diseases of the maxillofacial region, modern principles of surgical treatment in maxillofacial surgery and surgical dentistry	2.5.2
SC-7	Conduct examination, apply methods of diagnosis, prevention and treatment of major dental and surgical diseases of the maxillofacial region in children	2.6
SC-8	Apply diagnostic methods of dental anomalies, instrument, orthopedic and functional methods of treatment in orthodontics, plan the design of orthodontic devices depending on the pathology of the dental system	2.7
SC-9	Apply the methods of analysis and prognosis of population health indicators, use the knowledge of the principles, types, forms and conditions of providing medical care to the population, develop and implement managerial decisions	2.8.1
SC-10	Apply the methods of epidemiological examination of the population, caries prognosis, develop programs of communal prevention of dental diseases for various age groups; evaluate the quality of dental care at the individual and communal level using national and international criteria	2.8.2
SC-11	Apply additional diagnostic methods and to provide medical care for dental diseases in adults and children within the framework of in-depth academic disciplines study of the specialty educational modules	2.9.1

Developed on the basis of the standard Curriculum for the specialty 7-07-0911-03 Stomatology. Registration № 7-07-09-003/np.

¹ It is allowed to combine practical sessions with theoretical training.

² The list of additional courses are approved by the Order of Higher Educational Institution.

³ General educational disciplines "Philosophy and methodology of science", "Foreign language", "Fundamentals of information technology" are studied at the choice of the student

Abbreviations: d - differentiated credit tests; UC - universal competence; BPC - basic professional competence; SC - specialized competence

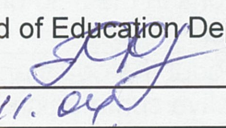
EPC - extended professional competence

First Vice-Rector


Irina Moroz

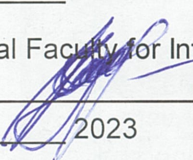
11.04. 2023

Head of Education Department


Natallia Fomchenko

11.04. 2023

Dean of the Medical Faculty for International Students


Oleg Ishutin

11.04. 2023

Recommended for approval by the University Council.

Protocol № 4 dated 11.04.2023