

MINISTRY OF EDUCATION AND SCIENCE OF THE RUSSIAN FEDERATION

Federal state Autonomic Educational Institution of Higher Education
«National Research Lobachevsky State University of Nizhny Novgorod»

Approved at the meeting
of Academic Council of UNN
02.12.2024, Protocol № 10

Professional educational programme of higher education

Level of education

Specialist's

Field of studies / Speciality

31.05.01 General medicine

Profile/Specialisation

General

Medicine

Mode of study

Full - time

Start of educational

programme

2024

The update sheet of the educational program for the academic year in the following types:

1. Work programs of disciplines and practices have been updated (professional databases and information reference systems, references have been updated).
2. The wording of the PC has been changed Extract from the minutes of the UNN Academic Council on the approval of the educational program dated March 02.12.2024, No. 10.

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1. General provisions

1.1. Purpose of the basic educational program (PLO) The basic educational program is intended for the implementation of the educational process in the field of specialty training and is a set of basic educational characteristics (volume, content, planned results), organizational and pedagogical conditions, forms of certification, which is presented in the form of a general characteristic of the educational program, curriculum and calendar schedule, work programs of academic disciplines (modules) and practical training programs, assessment materials (assessment funds), and methodological materials.

1.2. Regulatory documents for the development of PLO

- Federal Law No. 273-FZ of December 29, 2012 "On Education in the Russian Federation";
- Federal State Educational Standard of Higher Education – specialty 05/31/01 Medical Practice, approved by Order of the Ministry of Education and Science of the Russian Federation dated August 12, 2020 No. 988 (hereinafter referred to as the Federal State Educational Standard for Higher Education)
- The procedure for organizing and implementing educational activities in higher education educational programs – bachelor's degree programs, master's degree programs, specialty programs, approved by Order No. 245 of the Ministry of Education and Science of the Russian Federation dated April 6, 2021 (hereinafter referred to as the Procedure for Organizing Educational Activities);
- The procedure for conducting the state final certification of higher education educational programs – bachelor's degree programs, specialty programs and master's degree programs, approved by the Order of the Ministry of Education and Science of the Russian Federation dated June 29, 2015 No. 636; • Regulations on practical training of students, approved by Order No. 885/390 of the Ministry of Science and Higher Education of the Russian Federation and the Ministry of Education of the Russian Federation dated August 5, 2020.

1.3. List of abbreviations FIRST, higher education; CU – a credit unit equal to 36 academic hours; GIC – general professional competencies; PLO – basic educational program; PC – professional competencies; PS – professional standard; PD - professional activity; RPD – work program of the discipline; Network form – a network form of educational program implementation; CC – universal competencies.

2. Characteristics of professional activities of graduates

2.1. Description of professional activities of graduates

The area of professional activity of graduates who have completed the residency program includes protecting the health of citizens by ensuring the provision of highly qualified medical care in accordance with established requirements and standards in the field of healthcare.

Areas of professional activity and (or) spheres of professional activity in which graduates who have completed the specialist program can carry out professional activities:

01 Education and science (in the field of scientific research);

02 Healthcare (in the field of providing primary health care to the population in medical organizations: clinics, outpatient clinics, inpatient and outpatient institutions of the municipal health care system and medical and preventive institutions providing primary health care to the population);

07 Administrative and office activities (in the field of activities of healthcare organizations).

Graduates may carry out professional activities in other fields and/or areas of professional activity, provided that the level of their education and acquired competencies meet the requirements for employee qualifications.

Types of tasks of professional activity of graduates: medical; scientific research; organizational and managerial.

2.2. List of professional standards corresponding to the professional activities of graduates

The list of professional standards (if any), correlated with the federal state educational standard of higher education in the field of study, is given in Appendix 1.

The list of generalized work functions and work functions related to the professional activities of a graduate of a specialist program in the field of training (specialty)

31.05.01 General Medicine is presented in Appendix 2

2.3 Tasks lists of graduate's professional activities or areas of knowledge

Таблица 2.3

Field of professional activity (according to the Register of the Ministry of Labor)	Types of tasks of professional activity	Tasks of professional activity
01 Education and Science	Medical	Improving theoretical knowledge and practical skills through continuous professional education: studying modern medical literature, participating in educational events (forums, congresses, conferences, master classes, simulation cycles)
	Research	

		Analysis of scientific literature and official statistical reviews, participation in statistical analysis and public presentation of the results obtained; participation in solving individual research and scientific problems in the field of healthcare in diagnostics, treatment, medical rehabilitation and prevention.
02 Healthcare	Medical	Prevention of diseases among the population by carrying out preventive and anti-epidemic measures; conducting preventive medical examinations, medical examinations, dispensary observation; diagnosis of diseases and pathological conditions; diagnosis of emergency situations; diagnosis of pregnancy
		conducting examinations of temporary disability and participation in other types of medical examinations; providing primary medical and sanitary care in outpatient settings and day hospital settings; providing primary medical and sanitary care in case of sudden acute diseases, conditions, exacerbation of chronic diseases, not accompanied by a threat to the patient's life and not requiring emergency medical care; participation in providing emergency medical care in conditions requiring urgent medical intervention; providing medical care in emergency situations, provision of medical assistance in emergency situations, including participation in medical evacuation; participation in medical rehabilitation and spa treatment; teaching patients basic hygienic health measures with that helps prevent the occurrence of diseases and improve health; the formation of motivation among the population, patients and their family members aimed at maintaining and improving their health and the health of those around them;
	Research and development	Conducting collection and medical-statistical analysis of information on health indicators of the population of various age and sex groups, characterizing their state of health

07 Administrative, management and office activities	Organizational	Application of the basic principles of organizing the provision of medical care in medical organizations and their structural divisions; creation of favorable conditions in medical organizations for the stay of patients and the work of medical personnel; maintenance of medical records in medical organizations; organization of medical examination; participation in the organization of the assessment of the quality of medical care provided to patients; compliance with the basic requirements of information security compliance with the basic requirements of information security

General characteristics of the basic educational program

1.

The Mission of the University is in the high-quality training of competitive medical personnel (healthcare specialists) based on the latest achievements in behavioral and biomedical sciences, in the direction of Medical care of those who possess a system of universal and professional competencies, are capable and ready for professional activity, and are also capable of continuing education throughout life in the conditions of dynamically developing modern medicine and performing their professional activity on the basis of modern innovative intellectual technologies in combination with solving socially important problems practical health care, as well as those with an active civic position, meeting the needs and expectations of the state.

The mission of the educational program is aimed at developing in students the skills necessary for managing a team, tolerant perception of national, social and cultural differences, the ability to think abstractly, analyze and synthesize information, and implement measures to protect and improve public health.

The implementation of the EP at UNN is based on a basic understanding of universal and professional competencies, as well as the integration of clinical practice, scientific and educational processes, which is consistent with the mission.

The procedure for developing and adopting the Mission:

1. Survey of the region's population, healthcare representatives, and students about the mission
2. Creation of a working group consisting of UNN vice-rectors, heads of the ICM, department heads, associate professors of clinical departments, residents, students, and employer representatives.
3. Development of a draft document by the working group taking into account the survey results
4. Discussion of the draft mission at the departments, at the Academic Council of the ICM
5. Receipt of proposals and additions from the structural and functional divisions of UNN
6. Approval of the OP Mission at the Academic Council

Education and teaching at UNN are based on the formation of a basic understanding of a wide range of disciplines, followed by the opportunity for in-depth study with a projection onto continuous individual professional education. The mission of the OP is developed taking into account the needs of practical healthcare, teachers, students, residents, society and the state.

The basis for preparing a new version of the Mission is the change in the conditions of the external and internal environment of UNN activities, the requirements of consumers and other interested parties. Changes and additions to the Mission are made as necessary.

The Educational Program is aimed at the creation and practical application of the acquired theoretical knowledge and practical skills in accordance with national and international requirements and needs of the healthcare sector.

2.1. Focus (profile) of the educational program: General Medicine

Qualification awarded to graduates: General practitioner

Program volume: 360 credit units regardless of the educational technologies used, implementation of the specialist program using a network format, implementation of the specialist program according to an individual curriculum

3.1. Forms of study: full-time

3.2. Duration of education:

- full-time - 6 years;

- when studying according to an individual curriculum for disabled people and people with limited abilities and health, the period of obtaining higher education may be extended upon their application by no more than 1 year compared to the period of education established for full-time education.

4. Planned results of mastering the educational program (PEP)

4.1. Requirements for the planned results of mastering the educational program, provided by disciplines (modules) and practices

4.1.1. Universal competencies of graduates and indicators of their achievement

Table 4.1.1

Category (group) of universal Competencies	Code and name of universal competence (UC)	Code and name of the indicator of achievement of universal competence
Systemic and critical thinking	YK-1 YK-1. Capable of carrying out a critical analysis of problematic situations based on a systems approach and developing an action strategy	YK-1.1 Analyzes the task, identifying its basic components.
		YK-1.2 Finds and critically analyzes necessary information and critically considers possible solutions
		YK-1.3 Forms his own judgments and assessments competently, logically, and reasonably.
		YK-1.4 Identifies and evaluates the consequences of possible solutions to a problem.
	YK-2	YK-2.

Development and implementation of projects	Capable of managing a project at all stages of its life cycle	<p>Formulizes, within the framework of the stated goal of the project, a set of interrelated tasks that ensure its achievement</p> <p>Defines the expected results of solving the selected tasks.</p> <p>YK-2.2 Designs a solution to a specific project task, choosing the optimal way to solve it, based on current legal norms, available resources and constraints.</p> <p>YK-2.3 Solves specific project tasks of the declared quality and within the specified time.</p> <p>YK-2.4 Publicly presents the results of solving a specific project task</p>
Teamwork and leadership	<p>YK-3</p> <p>Able to organize and manage the work of a team, developing a team strategy to achieve the set goal</p>	<p>YK-3.1 Understands the effectiveness of using a collaboration strategy to achieve a set goal, determines his role in the team.</p> <p>YK-3.2 Understands the behavioral characteristics of selected groups of people with whom he/she works/interacts, takes them into account in his/her activities (the selection of categories of groups of people is carried out by the educational organization depending on the goals of training, age characteristics, ethnic or religious characteristics, socially vulnerable groups of the population, etc.).</p> <p>YK-3.3. Foresees the results (consequences) of personal actions and plans a sequence of steps to achieve a given result and effectively interacts with other team members, including participating in the exchange of information, knowledge and experience, and the presentation of the results of the team's work.</p>
Communication	<p>YK-4</p> <p>Able to apply modern communication technologies, including in foreign language(s), for academic and professional interaction</p>	<p>YK-4.1 Selects communicatively acceptable style of business communication in the state and foreign languages, verbal and non-verbal means of interaction with partners.</p> <p>YK-4.2 Uses information and communication technologies when searching for the necessary information in the process of solving standard communication problems in the state and foreign languages.</p> <p>YK-4.3 Demonstrates the ability to translate professional texts from foreign(s) into the state language back.</p>
Intercultural Interaction	<p>YK-5</p> <p>Able to analyze and take into account cultural diversity in the process of intercultural interaction</p>	<p>YK-5.1. Demonstrates a tolerant perception of social and cultural differences, a respectful and careful attitude towards historical heritage and cultural traditions</p> <p>UK-5.2 Finds and uses information about cultural characteristics and traditions necessary for self-development and interaction with other people</p> <p>YK-5.3 Demonstrates in his behavior a respectful attitude toward the historical heritage and socio-cultural traditions of</p>

<p>Self-organization and self-development (including health preservation)</p>	<p>YK-6 Able to identify and implement priorities of own activity and ways to improve it based on self-assessment and lifelong education</p>	<p>YK-6.1 Applies knowledge of his/her resources and their limits (personal, situational, time, etc.) to successfully complete assigned work and understands the importance of planning long-term goals for his/her own activities, taking into account conditions, resources, personal capabilities, stages of career growth, time perspectives for development of activities and requirements of the labor market.</p> <p>YK-6.2 Implements the planned goals of the activity taking into account the conditions, means of personal capabilities, stages of career growth, time perspective of activity development and requirements of the labor market and critically evaluates the efficiency of using time and other resources in solving the tasks set, as well as in relation to the result obtained.</p> <p>YK-6.3 Demonstrates interest in learning and takes advantage of opportunities to acquire new knowledge and skills.</p>
	<p>YK-7 Able to maintain an adequate level of physical fitness to ensure full social and professional activity</p>	<p>YK-7.1 Maintains the proper level of physical fitness to ensure full social and professional activity and adheres to healthy lifestyle standards.</p> <p>YK-7.2 Uses the basics of physical education to make an informed choice of health-saving technologies, taking into account the internal and external conditions for the implementation of specific professional activities.</p>

Life safety	<p>YK-8 Capable of creating and maintaining safe living conditions in everyday life and professional activities to preserve the natural environment, ensure sustainable development of society, including in the event of a threat or emergency situations of military conflicts</p>	<p>YK-8.1 Provides safe and/or comfortable working conditions in the workplace, including with the help of protective equipment, and identifies and eliminates problems associated with safety violations in the workplace. UK-8.2 Carries out actions to prevent the occurrence of emergency situations (natural and man-made) in the workplace, including with the help of protective equipment. YK-8.3 Participates in rescue and emergency recovery operations in the event of emergency situations.</p>
Inclusive Competence	<p>YK-9. Able to use basic defectological knowledge in social and professional spheres</p>	<p>YK-9.1. Has an understanding of the principles of non-discriminatory interaction in communication in various spheres of life, taking into account the socio-psychological characteristics of persons with disabilities. UK-9.2. Plans and carries out professional activities with persons with disabilities or limited health capabilities. YK 9.3. Interacts with individuals with disabilities or limited health capabilities in social and professional spheres.</p>
Economic culture, including financial	<p>YK-10. Able to make informed economic decisions in various areas of life</p>	<p>YK-10.1. Understands the basic principles of the functioning of the economy and economic development, the goals of the form of state participation in the economy UK-10.2. Applies methods of economic and financial planning to achieve current and long-term financial goals in various areas of life.</p>
Civil Position	<p>YK-11. Capable of forming an intolerant attitude towards manifestations of extremism, terrorism, corrupt behavior and counteracting them in professional activities</p>	<p>UK-11.1. Analyzes current legal norms, methods of prevention that ensure the fight against corruption and counteracting manifestations of extremism terrorism in various areas of life UK-11.2. Complies with the rules of interaction based on an intolerant attitude towards manifestations of extremism terrorism, corrupt behavior in professional activities</p>

4.1.1. General professional competencies of graduates and indicators of their achievement

Table 4.1.2

Category (group) of general professional competencies (if any)	Code and name of general professional competence	Code and name of the indicator of achievement of general professional competence
Ethical and legal foundations of professional activity	OPIK-1. Capable of implementing moral and legal norms, ethical and deontological principles in professional activities	<p>OPIK-1.1 Knows the rules of medical ethics, the rights and responsibilities of the patient and medical workers;</p> <p>OPK-1.2 Can: apply laws and regulations governing work in the professional sphere</p> <p>OPK-1.3 Knows the norms of ethics and deontology in communication with the population and the team and observes moral and legal standards in professional activities</p>
Healthy Lifestyle	OPIK-2. Capable of conducting and monitoring the effectiveness of measures to prevent, promote a healthy lifestyle and educate the population about health and hygiene	<p>OPIK-2.1 Analyzes the population's awareness of a healthy lifestyle and medical literacy and, on this basis, develops a plan of organizational and methodological measures aimed at increasing the population's awareness of a healthy lifestyle and its literacy in matters of disease prevention;</p> <p>OPIK-2.2 Carries out medical examination of adults and children for the purpose of early detection of chronic non-communicable diseases and the main risk factors for their development in accordance with current regulatory legal acts and other documents</p> <p>OPIK-2.3 - Determines medical indications for the introduction of restrictive measures (quarantine) and indications for referral to a specialist doctor in the event of infectious (parasitic) diseases. Conducts anti-epidemic measures in the event of an outbreak of infection, including quarantine measures when identifying particularly dangerous quarantine infectious diseases</p>

	ОПК-3. is able to counteract the use of doping	ОПК-3. Informed about the pharmacological properties of the drugs used
		ОПК-3.2 - Informed about the pharmacological properties of the friends used
Diagnostic instrumental examination methods	ОПК-4. Capable of using medical devices provided for by the procedure for providing medical care, as well as conducting patient examinations to establish a diagnosis	ОПК-4.1 – Ready to apply the algorithm of medical technologies, specialized equipment and medical products in solving professional problems. ОПК-4.2 –. Ready to apply medical products, drugs, including immunobiological ones, and other substances and their combinations in solving professional problems ОПК-4.3 Evaluates the results of using medical technologies, specialized equipment and medical products in solving professional problems.
Etiology and pathogenesis	ОПК-5. Capable of assessing morphofunctional, physiological states and pathological processes in the human body to solve professional problems	ОПК-5.1 – Ready to apply the algorithm of clinical, laboratory, instrumental and functional diagnostics in solving professional problems ОПК-5.2 Assesses morphofunctional, Physiological states and pathological processes in the human body to interpret the results of clinical, laboratory, instrumental and functional diagnostics in solving professional problems ОПК-5.3 - Knows the principles of functioning of organ systems.
Primary health care	ОПК-6. apable of organizing patient care, providing primary health care, ensuring the organization of work and making professional decisions in emergency situations at the pre-hospital stage, in emergency situations, epidemics and in areas of mass destruction	ОПК-6.1 Ready to apply the algorithm for providing primary health care in emergency situations, including in extreme conditions and areas of mass destruction. ОПК-6.2 – Identifies conditions that require emergency medical care, including clinical signs of sudden cessation of blood circulation and breathing ОПК-6.3 Provides emergency medical care to patients in conditions that pose a threat to the patients' lives, including clinical death (cessation of vital functions of the human body (circulation and (or) respiration).
Disease treatment	ОПК-7. He is able to prescribe treatment and monitor its effectiveness and safety.	ОПК-7.1 develops a general treatment plan for the patient taking into account the etiology, pathogenesis and characteristics of the course of the disease ОПК-7.2 prescribes drug and non-drug treatment for diseases and conditions ОПК-7.3 - Assesses the effectiveness and safety of drug and non-drug therapy in adults

Medical rehabilitation	ОПК-8. He is able to implement and monitor the effectiveness of the patient's medical rehabilitation, including in the implementation of individual rehabilitation and rehabilitation programs for the disabled, to assess the patient's ability to work.	ОПК-8.1 - Develops a program of rehabilitation measures aimed at restoring the patient's health ОПК-8.2 monitors the implementation of rehabilitation programs at all stages of ОПК-8.3 conducts an examination of the patient's ability to work
Quality Management	ОПК-9. Able to implement the principles of quality management in professional activities	ОПК 9.1 implements quality control of medical services ОПК -9.2. implements the principles of quality management in professional activities
Information literacy	ОПК-10 He is able to understand the principles of modern information technologies and use them to solve professional tasks.	ОПК-10.1 compiles and plans the solution of standard professional tasks of ОПК- 10.2 uses information, bibliographic resources, medical and biological terminology information and communication technologies ОПК-10.3 Knows and takes into account the basic requirements of information security
Scientific and organizational activities	ОПК-11. He is able to prepare and apply scientific, scientific and production, design, organizational, managerial and regulatory documentation in the healthcare system.	ОПК-11.1 Prepares scientific, scientific production, design, organizational, managerial and regulatory documentation in accordance with the direction of professional activity and current requirements for their design.

4.1.1. 4.1.1. Professional competencies of graduates and indicators of their achievement

The PD task	Code and name of professional competence	The code and the name of the indicator of achievement of professional competence	The base (PS, experience analysis 1)
task type			
Medical type of tasks			
<p>Improving theoretical knowledge and practical skills through continuous professional education: studying modern domestic and foreign medical literature, participating in educational events (forums, congresses, conferences, master classes, simulation cycles), conducting an examination of temporary disability and participating in other types of medical expertise; providing primary medical care in outpatient settings and day hospital conditions; provision of primary medical and sanitary care in case of sudden acute diseases, conditions, exacerbation of chronic diseases</p>	<p>ПК-1 Readiness to carry out anti-epidemic measures, organization of protection of the population in foci of especially dangerous infections, in case of deterioration of the radiation situation, natural disasters and other emergency situations</p>	<p>ПК-1.1 To know the classification, definition and sources of emergency situations, medical and tactical characteristics of disaster areas of various types, modern methods and means of protecting the population from the damaging factors of disasters, sources of chemical danger and a brief description of toxic and highly toxic substances, the basics of assessing the chemical and radiation situation, the organization of protection population in hotbeds of emergency situations, in case of deterioration of the radiation situation and natural disasters, modern personal protective equipment, the basics of organizing and conducting sanitary and anti-epidemic measures in hotbeds of natural and man-made emergencies</p> <p>ПК-1.2 Be able to apply modern methods and means of protecting the population, patients, medical personnel and medical property from the damaging factors of emergency situations, use means, methods of control and monitoring of dangerous and negative factors of natural and anthropogenic origin, select methods of protection from the damaging factors of natural and anthropogenic disasters, assess chemical, radiation and bacteriological to use the capabilities of modern personal protective equipment, to apply methods of assessing and conducting radiation and chemical reconnaissance, radiometric and dosimetric control, to use the methodology of basic sanitary and hygienic and anti-epidemic measures as part of formations and institutions of the All-Russian Disaster Medicine service</p>	<p>Experience analysis ПК: 02.009</p>

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¹ Experience analysis refers to the analysis of domestic and foreign experience, international norms and standards, foresight sessions, focus groups, etc.

<p>Accompanied by a threat to the patient's life and not requiring emergency medical care; participation in the provision of emergency medical care in conditions requiring urgent medical intervention; provision of medical assistance in emergency situations, including participation in medical evacuation; participation in medical rehabilitation and sanatorium treatment; training basic hygiene measures of a health-improving nature that contribute to the prevention of diseases and health promotion; formation of motivation among the population, patients and their family members aimed at preserving and strengthening their own health and the health of others</p>		<p>ПК-1.3 Possess methods of assessing the medical and tactical situation in the centers of emergency situations and centers of mass destruction, methods of conducting basic measures to protect the population from the damaging factors of emergency situations, skills of organization and carrying out basic measures for sanitary and special treatment, the ability to assess the effectiveness of measures to protect the population from the effects of damaging factors of emergency situations, the algorithm of interaction during sanitary and hygienic and anti-epidemic measures in areas of mass destruction in peacetime and wartime as part of formations and institutions of the disaster medicine service with other emergency services</p>	
	<p>ПК-2 Willingness to recognize conditions that occur with sudden acute illnesses, exacerbation of chronic diseases that require urgent or emergency care, and to participate in providing emergency medical care for these conditions that require urgent medical intervention, including in emergency situations, and to participate in medical evacuation</p>	<p>ПК-2.1. To know the methods of emergency measures and indications for hospitalization of patients; clinical manifestations of the main syndromes requiring urgent medical intervention; principles and methods of first aid and emergency conditions. ПК-2.2. To be able to identify life-threatening disorders and provide first aid to victims in emergency conditions in the affected areas in emergency situations ПК-2.3. Master the algorithm for performing basic medical diagnostic and therapeutic measures to provide first aid in urgent and life-threatening conditions</p>	<p>Experience analysis ПК: 02.009</p>

	<p>ПК-3 Willingness to collect and analyze patient complaints, medical history data, examination results, laboratory, instrumental, pathological, anatomical and other studies in order to recognize the condition or establish the presence or absence of the disease, differential diagnosis</p>	<p>ПК-3.1. To know the methods of collecting anamnesis, complaints, examination of a patient with therapeutic pathology for disease recognition, etiology, pathogenesis, and clinic of the most common diseases of internal organs; modern classification, principles, and features of the main methods of clinical, laboratory, and instrumental examination methods, their diagnostic significance.</p> <p>ПК-3.2. Be able to obtain information about the disease, interpret complaints, anamnesis of the disease and life, data, apply objective examination methods, identify common and specific signs of the disease; build a patient examination plan based on standards and</p>	<p>Experience analysis ПК: 02.009</p>
		<p>interpret additional examination methods (laboratory and instrumental) taking into account the</p> <p>ПК-3 norm.3. Master the methods of collecting anamnesis, complaints of a patient with therapeutic pathology; the skill of drawing up a plan for additional examination of the patient; interpretation of the results of laboratory and instrumental studies and differential diagnosis</p>	

	<p>ПК-4 Willingness to identify the patient's main pathological conditions, symptoms, disease syndromes, and nosological forms in accordance with the International Statistical Classification of Diseases and Health-Related Problems, X revision</p>	<p>ИПК-4.1. Know the etiology and pathogenesis of diseases in accordance with the International Statistical Classification of Diseases and Health-related Problems X revision ИПК-4.2. Be able to identify the main symptoms, syndromes of nosological forms of diseases in accordance with the International Statistical Classification of Diseases and Health-related Problems X revision of the ИПК-4.3. Possess the skills of making a diagnosis based on the symptoms, syndromes of nosological forms of diseases in accordance with the International Statistical Classification of Diseases and Health-related Problems X revision</p>	<p>Experience analysis ПК : 02.009</p>
	<p>ПК-5 Willingness to determine age-appropriate management tactics for patients with various nosological forms (development of a treatment plan, prescribing medications and non-medications according to clinical recommendations), including palliative care</p>	<p>ИПК-5.1 Know the algorithms of diagnosis and treatment and the tactics of managing patients with various nosological forms and ИПК-5.2 Be able to determine the necessary management tactics for patients with various nosological forms and ИПК-5.3 Master the algorithms of diagnosis and treatment and the skill of determining the tactics of managing patients with various nosological forms</p>	

	<p>ПК-6 Readiness to conduct a physiological pregnancy, delivery</p>	<p>ПК-6.1. Know the principles and methods of conducting physiological pregnancy and delivery of ПК-6.2 Be able to identify the signs of pregnancy on the phantom, determine the duration of pregnancy, childbirth and maternity leave, prescribe an examination of the pregnant woman when registering at the antenatal clinic, draw up a plan and carry out a sanitary examination (psychoprophylaxis), conduct a vaginal examination on the phantom during pregnancy and childbirth, assess the degree of "maturity" of the cervix, take swabs from the vagina for the degree of purity, flora and cytology, for amniotic fluid and evaluate the results., to deliver a baby on a phantom in the fetal head position (monitoring during childbirth, obstetric care). To prevent bleeding in the third period of labor on the phantom. Evaluate the signs of placental separation, placental integrity , and blood loss during childbirth on the phantom.</p>	<p>Experience analysis ПК: 02.009</p>
		<p>Evaluate the condition of the newborn on the Apgar and Downes scale on the phantom. To carry out primary resuscitation of newborns on the phantom, to carry out the primary toilet of the newborn on the phantom, to carry out an examination on the phantom using mirrors of the cervix, vagina, perineum after childbirth, suturing on the phantom rupture of the cervix, vagina and perineum. Removal of stitches on the phantom from the perineum after childbirth, to carry out the management of the postpartum period. ПК-6.3 To master the methods of conducting physiological pregnancy; the algorithm of assistance during childbirth.</p>	

	<p>ПК-7 Willingness to determine the need for the use of natural healing factors, medicinal, non-medicinal therapy and other methods in patients in need of medical rehabilitation and sanatorium treatment</p>	<p>иПК-7.1 Know the main natural healing factors, medicinal, drug therapy and other methods in patients in need of medical rehabilitation and spa treatment. иПК-7.2 Determine the need for the use of natural therapeutic factors, medicinal, non-medicinal therapy and other methods in patients in need of medical rehabilitation and sanatorium treatment and иПК-7.3 Possess the skills to select an algorithm for determining the need for the use of natural therapeutic factors, medicinal, non-medicinal therapy</p>	<p>Experience analysis, ПК:02.009</p>
	<p>ПК-8 Willingness to conduct an examination of temporary disability, participate in conducting a medical and social examination, and establish the biological death of a person</p>	<p>иПК-8.1 To know the patterns of conducting an examination of temporary disability; patterns of participation in conducting a medical and social examination; patterns of ascertaining the biological death of a person. иПК-8.2 Should be able to conduct an examination of temporary disability; participate in conducting a medical and social examination; and determine the biological death of a person. иПК-8.3 Possess methods of conducting an examination of temporary disability; participation in conducting a medical and social examination; ascertaining the biological death of a person</p>	<p>Experience analysis ПК: 02.009</p>

	<p>ПК-9 Readiness to implement a set of measures aimed at preserving and strengthening health and including the formation of a healthy lifestyle, prevention of the occurrence and (or) spread of diseases, including education for patients and their relatives, early diagnosis, medical examinations, medical examinations , identification of the causes and conditions of diseases and elimination of harmful effects on health</p>	<p>нПК-9.1 Know the principles of early diagnosis of diseases, conducting нПК-9 screenings. 2 Be able to carry out measures for the early diagnosis of diseases нПК-9.3 Possess methods of early diagnosis of diseases, including the organization and conduct of screenings</p>	<p>Experience analysis ПС: 02.009</p>
Organizational type of tasks			
<p>Application of the basic principles of the organization of medical care in medical organizations and their structural divisions; creation of favorable conditions in medical organizations for the stay of patients and the work of medical personnel; maintenance of medical records in medical organizations; organization of medical expertise; participation in the organization of evaluation of the quality of medical care to</p>	<p>ПК-10 Willingness to maintain medical records, apply social and hygienic methods for collecting and medico-statistical analysis of information on public health indicators and assessing the quality of medical care using basic medical and statistical indicators</p>	<p>нПК-10.1 Know the socio-hygienic methods of collecting and medico-statistical analysis of information on public health indicators and нПК-10.2 Be able to collect and analyze information on public health indicators and нПК-10.3 Have the skills to collect and medico-statistically analyze information on public health indicators</p>	<p>Experience analysis ПС: 02.009</p>

<p>patients; compliance with basic information security requirements compliance with basic requirements information security</p>	<p>ПК-11 Willingness to apply the basic principles of organization and management in the field of public health, in medical organizations and their structural divisions, including the organization of medical care in emergency situations, including medical evacuation, management in the field of public health, in medical organizations and their structural divisions, including the organization of medical care in emergency situations, including medical evacuation</p>	<p>ПК-11.1 Know the Constitution of the Russian Federation; laws and other regulatory legal acts of the Russian Federation in the field of healthcare, consumer protection and sanitary and epidemiological welfare of the population; regulatory legal acts regulating issues health care; theoretical foundations of social hygiene and healthcare organization, medical statistics; theoretical and organizational foundations of state sanitary and epidemiological surveillance and its provision; management systems and labor organization in healthcare; statistics on the health status of the population; organization of emergency, primary health care: specialized, including high-tech medical care; organization of outpatient- polyclinic care</p>	<p>Experience analysis ПК: 02.009</p>
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		<p>ИПК-11.2 Be able to perform functional duties when working as part of special health care units, formations and institutions of the disaster medicine service; participate in the organization and conduct of sanitary and hygienic measures in emergency situations, participate in the organization and conduct of anti-epidemic measures in emergency situations, carry out basic measures to protect the population, patients, medical personnel and medical property from the damaging factors of emergency situations; participate in surveillance and quarantine activities.</p> <p>ИПК-11.3 Possess methods of planning the activities of medical organizations; methods of economic analysis of the state of a medical organization; the use of legislative and regulatory documents regulating the functioning of the healthcare system of the Russian Federation; skills in maintaining official documentation in healthcare; skills in forming and analyzing accounting records of a medical organization, annual reports</p>	
Scientific research type of tasks			

<p>Analysis of scientific literature and official statistical reviews, participation in statistical analysis and public presentation of the results; participation in solving individual research and scientific-applied tasks in the field of healthcare for diagnosis, treatment, medical rehabilitation and prevention</p>	<p>ПК-12 Willingness to participate in scientific research, to analyze and publicly present medical information based on evidence-based medicine, and to introduce new methods and techniques aimed at protecting the health of citizens</p>	<p>ПК 12 Know modern ways of conducting scientific research; moral and ethical norms, rules and principles of professional medical behavior, the rights of the patient and the doctor. Know the principles of evidence-based medicine; basic principles of information presentation ПК-12.2 Be able to use scientific literature, information library and Internet resources; critically evaluate modern theoretical concepts and trends in medicine. Be able to analyze objective, clinical, laboratory, experimental, and other data and formulate conclusions based on them about the most likely causes and mechanisms of the development of pathological processes, principles and methods of their diagnosis, treatment, and prevention; analyze and critically evaluate modern theoretical concepts and trends in medicine; plan and participate in conducting (in compliance with the relevant rules) clinical experiments; process and analyze experimental data; interpret the results of the most common diagnostic methods; carry out their activities taking into account the moral and legal norms accepted in society; comply with the rules of medical ethics.</p>	<p>Experience analysis ПК: 02.009</p>
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		<p>иПК-12.3 Possess a systematic approach to the analysis of medical information; skills in using the principles of evidence-based medicine; skills in analyzing the functioning of individual organs and systems in norm and pathology; basic methods for assessing the functional state of the human body; skills in analyzing and interpreting the results of modern diagnostic technologies; skills in analyzing clinical syndromes; principles of medical deontology; skills in informing patients and their relatives in accordance with the requirements of the "informed consent" rules. Possess the skills of scientific analysis of medical information; the skills of presenting medical information to an audience; the willingness to answer questions; the ability to formulate information in an academic medical style</p>	
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5. The structure and content of the educational program

5.1 The scope of the compulsory part of the educational program

The program includes a mandatory part and a part formed by participants in educational relations. The volume of the compulsory part of the educational program (excluding the volume of the GIA) is at least 80% of the total volume of the specialty program (which meets the requirements of the Federal State Educational Standard for Higher Education).

In accordance with the Federal State Educational Standard for Higher Education, the structure of the specialty program includes the following blocks: Block 1 "Disciplines (modules)"; Block 2 "Practice"; Block 3 "State final certification".

The specialist's program provides the implementation of disciplines (modules) in philosophy, history (history of Russia, universal history), a foreign language, and life safety within the framework of Block 1 "Disciplines (modules)". The specialty program provides the implementation of disciplines (modules) in physical culture and sports: - within the framework of Block 1 "Disciplines (modules)" in the amount of at least 2 cu.; - within the framework of elective disciplines (modules) in full-time education in the amount of at least 328 academic hours, which are mandatory for mastering, are not transferred to the curriculum and are not included in the scope of the specialty program. Within the framework of the disciplines (modules) that form the military-industrial complex and the PC, practical classes (seminars / laboratory work) are organized, including in the form of practical training, which involves the participation of students in the performance of certain elements of work related to future professional activities.

5.2.1 Types of practice Block 2

"Practice" includes educational and industrial practice. In the specialty program in the field of training 05/31/01 Medical practice, the following types of practices are established within the framework of educational and industrial practice: Types of educational practice: - introductory practice; - scientific and research work (obtaining primary skills of scientific and research work).

Types of practice: - practice in obtaining professional skills and professional experience in positions of secondary medical personnel;

practice of the diagnostic profile;

- therapeutic practice; -
- surgical practice;
- obstetric and gynecological practice;
- practice in emergency medical procedures;
- general medical practice.

Practices are implemented in a discrete form: – by allocating a continuous period of study time for practical training in the summer. The practices are organized in the form of practical training. Practical training is organized through the direct performance by students of certain types of work related to future professional activities to the extent specified in the programs of the relevant practices.

5.4 State final certification

Block 3 "State final certification" includes: - preparation for passing and passing the state exam; The state final certification (GIA) is carried out after the students have mastered the basic educational program in full. The GIA includes: preparation for passing and passing the state exam. The set of competencies established by the specialty program provides the graduate with the ability to carry out professional activities in at least one field and the field of professional activity established in accordance with paragraph 1.12. of the State Educational Standard and to solve the tasks of professional activity of at least one type established in accordance with paragraph 1.13 of the Federal State Educational Standard. The program of the state final attestation is presented in Appendix 6.

5.5 Curriculum and academic calendar

The curriculum, developed in accordance with the Federal State Educational Standard for Higher Education, consists of a mandatory part and a part formed by participants in educational relations. The mandatory part of the educational program ensures the formation of students' general professional competencies and universal competencies established by the educational standard, and includes the following blocks: The mandatory part of the specialty program includes disciplines (modules) and practices that ensure the formation of general professional competencies defined by the Federal State Educational Standard for Higher Education.

The mandatory part of the specialty program includes, among others: - disciplines (modules) in philosophy, history (history of Russia, universal history), foreign language, life safety within the framework of Block 1 "Disciplines (modules)". - disciplines (modules) on physical culture and sports (discipline (module) "Physical training"), implemented within the framework of Block 1 "Disciplines (modules)". Disciplines (modules) and practices that ensure the formation of universal competencies defined by the Federal State Educational Standard for Higher Education, as well as professional competencies established by the university, may be included in the mandatory part.

Specialty programs and (or) the part formed by participants in educational relations. The content of the variable part is formed in accordance with the orientation of the educational program. During the implementation of the OOP, students are provided with the opportunity to master elective (mandatory) disciplines (modules) and optional (optional for study during the development of the educational program) in accordance with the procedure established by the local regulatory act of the university.

Elective subjects (modules) chosen by the student are mandatory for mastering. The curriculum includes a state final certification in the amount of 3 points.

The curriculum is presented in Appendix 3. a) full-time education; The academic calendar is an integral part of the curriculum. The academic calendar schedule indicates the sequence of implementation of the educational program, including periods of implementation of educational activities and vacation periods. The academic calendar is presented for each form of study in Appendix 3.

5.6. Programs of disciplines (modules) and practice programs

Programs of disciplines and practice programs (PD) are developed in separate documents in accordance with the approved template (Appendices 4 and 5).

5.7 The work program of education and the calendar plan of educational work

The educational program defines a set of basic characteristics of educational activities carried out at UNN. The calendar plan of educational work specifies the list of educational events and activities that are organized and conducted by UNN. The work program of education and the calendar plan of educational work are presented in Appendix 7.

6. Conditions of educational activity

6.1. Financial conditions for the implementation of educational activities

Financing of the implementation of specialty programs should be carried out in an amount not lower than the established state standard costs for the provision of public services in the field of education for a given level of education and training area, taking into account correction coefficients that take into account the specifics of educational programs in accordance with the Methodology for determining the standard costs for the provision of public services for the implementation of state-accredited educational programs of higher education in specialties and areas of training, approved by the Ministry of Science and Higher Education of the Russian Federation

6.2. Material and technical support of the educational process

When compiling this section, the general requirements for the material and technical conditions for the implementation of the educational process, formulated in clause 4.3. of the Federal State Educational Standard for Higher Education "Requirements for the material,

technical and educational support of the specialty program", are taken into account.

The material and technical conditions for the implementation of the educational process for the preparation of bachelors (specialists/undergraduates) comply with current sanitary and fire safety standards. The premises are classrooms for conducting training sessions provided for in the specialty program, equipped with equipment and technical training facilities, the composition of which is defined in the work programs of disciplines (modules). The premises for independent work of students are equipped with computer equipment with the ability to connect to the Internet and provide access to the electronic information and educational environment of UNN.

6.3. Staff for the educational process

The implementation of the specialty program is provided by the teaching staff of the educational organization, as well as by persons involved in the implementation of the specialty program on other terms. The staffing conditions for the implementation of the educational program meet the requirements of the program.4.4 FGOS IN:

1. The implementation of the specialty program is provided by the teaching staff of the University, as well as by persons involved in the implementation of the specialty program on other terms.
2. The qualifications of the University's teaching staff meet the qualification requirements specified in the qualification reference books and (or) professional standards (if any).
3. At least 70 percent of the number of University teaching staff involved in the implementation of the specialty program, and persons involved in the implementation of the specialty program on other terms (based on the number of replacement rates reduced to integer values), conduct scientific, educational, methodological and (or) practical work corresponding to the profile of the taught discipline (module).
4. At least 10 percent of the number of University teaching staff involved in the implementation of the specialty program and persons involved in the implementation of the specialty program on other terms (based on the number of replacement rates reduced to integer values) are managers and (or) employees of other organizations engaged in professional activities in the relevant professional field. the activity that graduates are preparing for (have at least 3 years of work experience in this professional field).
5. At least 65 percent of the number of University teaching staff and persons involved in educational activities on other terms (based on the number of replacement rates reduced to integer values) have an academic degree (including an academic degree obtained in a foreign country and recognized in the Russian Federation) and (or) an academic title (including an academic title obtained in a foreign country and recognized in the Russian Federation). Teachers of military professional disciplines (modules), specially professional disciplines (modules) with a PhD degree, who have either state awards, or state (branch) honorary titles, or state awards may be considered among teaching staff with a doctorate degree and/or the academic title of professor .

6.4. Requirements for the applied mechanisms for assessing the quality of educational activities and training of students in the educational program

The quality of educational activities and training of students in the specialty program is determined within the framework of the internal assessment system, as well as the external assessment system, in which UNN participates on a voluntary basis. In order to improve the specialty program, when conducting a regular internal assessment of the quality of educational activities and training of students in the specialty program, UNN involves employers, other legal entities and (or) individuals, including UNN teaching staff.

Within the framework of the internal system for assessing the quality of educational activities The specialty program provides students with the opportunity to evaluate the conditions, content, organization and quality of the educational process as a whole and individual disciplines (modules) and practices.

An external assessment of the quality of educational activities under the specialty program within the framework of the state accreditation procedure is carried out in order to confirm the compliance of educational activities under the specialty program with the requirements of the Federal State Educational Standard for Higher Education.

Developers:

- Belyaeva N.G., PhD, Associate Professor of the Department of Internal Diseases –
- representatives of employers: Nizhny Novgorod region State Medical Institution "City Clinical Hospital No. 5 of the Nizhny Novgorod region of Nizhny Novgorod", Sukhacheva Nadezhda Nikolaevna

The list of professional standards corresponding to the professional activity of graduates who have mastered the specialty program

/II	Professional Standard Code	The name of the field of professional activity. Name of the professional standard
02 Healthcare		
	02.009	The professional standard "Medical doctor (district therapist)", approved by Order No. 293n of the Ministry of Labor and Social Protection of the Russian Federation dated March 21, 2017 (registered by the Ministry of Justice of the Russian Federation on April 6, 2017, registration No. 46293)

List of generalized work functions and work functions related to the professional activity of a graduate of the educational program

Code and name of the professional standard	Generalized labor functions			labor functions		
	Код	name	qualific ation level	Наименование	код	qualificati on level (sublevel)
02.09 Professional standard "Health care physician (district physician- therapist)	A	Provision of primary health care to the adult population in outpatient settings that do not provide for round-the- clock medical supervision and treatment, including at home when a medical worker is called	7	Providing medical care to a patient in urgent or emergency forms	A/01.7	7
				Conducting an examination of a patient to establish a diagnosis	A/02.7	7
				Prescribing treatment and monitoring its effectiveness and safety	A/03.7	7
				Implementation and monitoring of the effectiveness of medical rehabilitation of the patient, including the implementation of individual rehabilitation or habilitation programs for disabled people, assessment of the patient's ability to perform work activities	A/04.7	7

				Conducting and monitoring the effectiveness of measures to prevent and promote a healthy lifestyle and sanitary and hygienic education of the population	A/05.7	7
				Maintaining medical records and organizing the activities of the nursing staff	A/06.7	7