



MINISTRY OF SCIENCE AND HIGHER EDUCATION AND OF THE RUSSIAN FEDERATION  
Federal state autonomous educational institution  
of higher education  
«**Far Eastern Federal University**»  
(FEFU)  
School of Medicine  
  
Department of Clinical Medicine

APPROVED  
FEFU Academic Council  
Extract from the protocol  
dated 27.01.2022 г. № 01-22

**GENERAL CHARACTERISTICS  
OF THE BASIC PROFESSIONAL EDUCATIONAL  
PROGRAM**

**Specialty  
31.05.01 General Medicine**

Qualification – specialist: 31.05.01 General practitioner

Form of study: *full time*  
Standard term of study  
(Full time study) *6 years*

VLADIVOSTOK  
2022



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## ШКОЛА МЕДИЦИНЫ

Approved by decision  
Academic Council of the School of  
Medicine  
Protocol No. 4 dated December 13,  
2021

**APPROVED**

Director of the School of Medicine

\_\_\_\_\_ K.V. Stegney



## GENERAL CHARACTERISTICS OF THE BASIC PROFESSIONAL EDUCATIONAL PROGRAM

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**APPROVAL SHEET**  
Basic professional educational program

The main educational program of higher education (BPEP HE) is compiled in accordance with the requirements of the Federal State Educational Standard for the direction of training 31.05.01 General Medicine, approved by order of the Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020 No. 988.

Developer(s):



V.V. Usov,  
Professor of the Department  
of Clinical Medicine

Head of BPEP



V.V. Usov,  
Professor of the Department  
of Clinical Medicine







Director of School



K.V. Stegney, professor

## Checklist of changes of

### Basic professional educational program 31.05.01 General Medicine

1	Record No. 13-22 dated 19.12.2022	Academic plan, Work program of academic subject (WPAS)	The discipline "Foreign Language" was removed from the 3rd and 4th semesters.	Head of EP 31.05.01 General Medicine Usov V.V. 
2	Record No. 13-22 dated 19.12.2022	Academic plan, Work program of academic subject (WPAS)	Added the discipline "Medical foreign language" in the 3rd and 4th semesters.	Head of EP 31.05.01 General Medicine Usov V.V. 
3	Record No. 13-22 dated 19.12.2022	Academic plan, Work program of academic subject (WPAS)	Reduced amount of credits. in the discipline "Hospital surgery, pediatric surgery" from 10 to 9.	Head of EP 31.05.01 General Medicine Usov V.V. 
4	Record No. 13-22 dated 19.12.2022	Academic plan, Work program of academic subject (WPAS)	A new discipline "Military field surgery" has been added.	Head of EP 31.05.01 General Medicine Usov V.V. 
5	Record No. 13-22 dated 19.12.2022	Academic plan, Work program of academic subject (WPAS)	Reduced the amount of credits. in the discipline "Transfusiology" from 4 credits. to 3 credits	Head of EP 31.05.01 General Medicine Usov V.V. 
6	Record No. 13-22 dated 19.12.2022	Academic plan, Work program of academic subject (WPAS)	The discipline "Medical Genetics" has been moved from the 9th semester to the 7th semester	Head of EP 31.05.01 General Medicine Usov V.V. 

## **Content**

### General characteristics of the BPEP

1. Documents regulating the organization and content of the educational process
    - 1.1 Curriculum
    - 1.2 Calendar of the educational process
    - 1.3 Collection of annotations of the work programs of disciplines (WPAD)
    - 1.4 Work programs of disciplines (WPAD)
    - 1.5 Practice programs
    - 1.6 The program of the state final certification
  2. Actual resource support for the implementation of the Basic Professional Educational Program (BPEP)
    - 2.1 Information about the staffing of the BPEP
    - 2.2 Information on the availability of printed and electronic educational and information resources on BPEP
    - 2.3 Information about the logistics of the BPEP
    - 2.4 Information about the results of scientific activities of teachers
    - 2.5 Financial conditions for the implementation of the educational program
    - 2.6 Conditions for the application of the mechanism for assessing the quality of educational activities and training of students in the educational program
- Applications

## **Annotation**

Main educational program of higher education in 31.05.01 «General Medicine»  
Qualification – specialist, Physician  
Standard term of study – 6 years

### **1. General principles**

Basic professional educational program (BPEP) of a specialist, implemented by the Federal State Autonomous Educational Institution of Higher Education "Far Eastern Federal University" in the specialty 31.05.01 General Medicine is a system of documents developed and approved by a higher educational institution, taking into account the requirements of the labor market on the basis of the Federal State Educational of higher education standard (FSES of HE 3++).

The focus of BPEP is focused on: the formation of a specialist in medical practice in the field of medicine.

**The purpose of professional activity:** the preservation and strengthening of the health of the adult population.

**Tasks of professional activity:**

- Provision of primary health care to the adult population on an outpatient basis that does not provide for round-the-clock medical supervision and treatment, including at home when a medical worker is called
  - Provision of medical care to the patient in urgent or emergency forms
  - Examination of the patient in order to establish a diagnosis
  - Prescribing treatment and monitoring its effectiveness and safety
  - Implementation and control of the effectiveness of the patient's medical rehabilitation, including the implementation of individual programs for the rehabilitation or habilitation of the disabled, assessment of the patient's ability to work
  - Carrying out and monitoring the effectiveness of measures to prevent and promote a healthy lifestyle and sanitary and hygienic education of the population

– Maintaining medical records and organizing the activities of the nursing staff at the disposal

The orientation of the program determines the subject-thematic content, the prevailing types of educational activities of the student and the requirements for the results of mastering the BEP. Qualification assigned to graduates of the educational program: General practitioner (district general practitioner).

BPEP is a complex of the main characteristics of education (volume, content, planned results), organizational and pedagogical conditions, certification forms, which is presented in the form of an annotation (general characteristic) of the educational program, curriculum, calendar curriculum, work programs of disciplines (modules), practice programs, including assessment tools and methodological materials, research programs and state final certification, as well as information about the actual resource support of the educational process.

In accordance with the selected types of activities and the requirements for the results of mastering the educational program, this BPEP is a specialist's program.

### **Regulatory framework for the development of BPEP**

The regulatory legal framework for the development of the BRI consists of:

- Federal Law of December 29, 2012 No. 273-FZ “On Education in the Russian Federation”;

- federal state educational standard of higher education in the specialty 31.05.01 "General Medicine" (specialist level), approved by order of the Ministry of Education and Science of the Russian Federation dated 12.08.2020 No. 988;

- Order of the Ministry of Science and Higher Education of the Russian Federation dated March 14, 2020 No. No. 397 "On the organization of educational activities in organizations implementing educational programs of higher education and relevant additional professional programs, in the context of preventing the spread of a new coronavirus infection in the Russian Federation"

- Order of the Ministry of Health of the Russian Federation, Ministry of Science and Higher Education of the Russian Federation No. 378/619 dated April

27, 2020 "On the organization of practical training for students in educational programs of higher medical education in the context of combating the spread of a new coronavirus infection in the territory of the Russian Federation"

- Order of the Ministry of Education and Science of the Russian Federation of August 23, 2017 No. No. 816 "On approval of the procedure for the use of organizations engaged in educational activities, e-learning, distance learning technologies in the implementation of educational programs"

- Professional standard "General practitioner (district physician)", approved by order of the Ministry of Labor and Social Protection of the Russian Federation dated March 21, 2017 No. 293 n

- Order of the Ministry of Science and Higher Education of the Russian Federation dated April 6, 2021 No. 245 "On Approval of the Procedure for Organization and Implementation of Educational Activities in Educational Programs of Higher Education - Bachelor's Programs, Specialist's Programs, Master's Programs";

- Order of the Ministry of Education and Science of the Russian Federation dated November 27, 2015 No. 1383 "On Approval of the Regulations on the Practice of Students Mastering the Basic Professional Educational Programs of Higher Education";

- Order of the Ministry of Education and Science of the Russian Federation dated June 29, 2015 No. 636 "On Approval of the Procedure for Conducting State Final Attestation for Educational Programs of Higher Education - Bachelor's Programs, Specialist's Programs and Master's Programs";

- Order of the Ministry of Education and Science of the Russian Federation dated November 9, 2015 No. 1309 "On Approval of the Procedure for Ensuring Accessibility for Disabled Persons of Objects and Services Provided in the Sphere of Education, as well as Providing Them with the Necessary Assistance";

- Order of the Ministry of Education and Science of the Russian Federation dated December 2, 2015 N 1399 "On Approval of the Action Plan ("Roadmap") of the Ministry of Education and Science of the Russian Federation to Increase the



Values of the Accessibility Indicators for the Disabled to Objects and the Educational Services Provided to Them”;

- Order of the Ministry of Health of Russia dated October 08, 2015 N 707n (as amended on June 15, 2017) "On approval of qualification requirements for medical and pharmaceutical workers with higher education in the direction of training "Health care and medical sciences";

- Order of the Ministry of Health of the Russian Federation dated August 22, 2013 No. 585n “On approval of the Procedure for the participation of students in basic professional educational programs and additional professional programs in providing medical care to citizens and in pharmaceutical activities”

- FEFU charter, approved by order of the Ministry of Education and Science of the Russian Federation dated May 06, 2016 No. 522;

- FEFU internal regulations and documents.

### **Terms, definitions, designations, abbreviations**

GLF - generalized labor function;

PC - professional competencies;

WPD - the work program of the discipline.

UK - universal competencies;

BPEP – basic professional educational program

FSES HE 3++ is the federal state educational standard of higher education.

### **Goals and objectives of the main professional educational program**

The purpose of the BPEP is to develop students' personal qualities, the formation of general cultural, general professional and professional competencies in accordance with the federal state educational standard of higher education in the direction of training 31.05.01 "General Medicine" (specialist level), which determine the graduate's ability to active social and professional activities or continuing education.

The main goal is achieved through the formation of skills in independent solution of such professional tasks as: conducting preventive medical examinations, medical examination and dispensary observation of patients; determination in patients of the main pathological conditions, symptoms, disease syndromes, nosological forms in accordance with the International Statistical Classification of Diseases and Related Health Problems, X view; conducting an examination, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the fact of the presence or absence of a disease; determination of management tactics for patients with various diseases; maintenance of accounting and reporting medical documentation; carrying out a set of measures aimed at maintaining and strengthening health and including the formation of a healthy lifestyle, prevention of the occurrence and (or) spread of diseases, their early diagnosis, identification of the causes and conditions for their occurrence and development, as well as aimed at eliminating harmful effects on health human environmental factors; application of the basic principles of organization and management in the field of protecting the health of citizens, in medical organizations and their structural divisions; participation in scientific research.

### **The labor intensity of the BPEP in the direction of training**

#### **31.05.01 General medicine**

The term for obtaining education under the specialist's program (regardless of the educational technologies used):

- including holidays provided after passing the state final certification, is 6 years;
- when studying according to an individual curriculum for disabled people and people with disabilities, it can be increased at their request by no more than 1 year.

The volume of the specialist's program is 360 credit units (hereinafter referred to as credits), regardless of the educational technologies used, the implementation of the specialist's program using the network form, the implementation of the specialist's program according to the individual curriculum.

The volume of the specialist's program implemented in one academic year is no more than 70 CU. regardless of the educational technologies used, the implementation of the specialist's program using the network form, the implementation of the specialist's program according to an individual curriculum (with the exception of accelerated learning), and in case of accelerated learning - no more than 80 CU.

### **Area of professional activity**

Graduates who have mastered the specialty program 05/31/01 General Medicine can carry out professional activities in the following areas and areas of professional activity:

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

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

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

Graduates can carry out professional activities in other areas of professional activity and (or) areas of professional activity, provided that their level of education and acquired competencies meet the requirements for the qualification of an employee.

**Types of professional activities** for which graduates who have mastered the specialist's program are preparing:

- medical;
- organizational and managerial;
- research.

When developing and implementing a specialist's program, the FEFU School of Medicine focuses on a specific type of professional activity for which a specialist is preparing, based on the needs of the labor market, research and material and

technical resources of the organization.

**A graduate who has mastered the specialty program** is ready to solve the following professional tasks in accordance with the type of professional activity that the specialty program is focused on:

**medical activity:**

Providing medical care to the patient in urgent or emergency forms.

Examination of the patient in order to establish a diagnosis.

Prescribing treatment and monitoring its effectiveness and safety.

Implementation and control of the effectiveness of the patient's medical rehabilitation, including the implementation of individual programs for the rehabilitation or habilitation of the disabled, assessment of the patient's ability to work.

Carrying out and monitoring the effectiveness of measures to prevent and promote a healthy lifestyle and sanitary and hygienic education of the population.

**organizational and managerial activities:**

Maintaining medical records and organizing the activities of the nursing staff at the disposal.

**research activities:**

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 health care for diagnosis, treatment, medical rehabilitation and prevention.

When developing and implementing a specialist's program, the FEFU School of Medicine focuses on a specific type (types) of professional activity for which a specialist is preparing, based on the needs of the labor market, research and material and technical resources of the organization.

<i>Area of professional activity (according to the Register of the Ministry of Labor)</i>	<i>Types of tasks of professional activity</i>	<i>Tasks of professional activity</i>	<i>Objects of professional activity (or areas of knowledge)</i>
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01 Education and science (in the field of scientific research);	Research activities	Analysis of morbidity, disability and mortality rates to characterize the health of the adult population and adolescents	Analysis of scientific literature and official statistical reviews, participation in statistical analysis and public presentation of the results;
02 Health	Medical	Providing primary health care to the adult population on an outpatient basis that does not provide for round-the-clock medical supervision and treatment, including at home when a medical worker is called	Providing medical care to a patient in urgent or emergency forms
			Examination of the patient in order to establish a diagnosis
			Prescribing treatment and monitoring its effectiveness and safety
			Implementation and control of the effectiveness of the patient's medical rehabilitation, including the implementation of individual programs for the rehabilitation or habilitation of the disabled, assessment of the patient's ability to work
Carrying out and monitoring the effectiveness of measures to prevent and promote a healthy lifestyle and sanitary and hygienic education of the population			
07 Administrative, managerial and office activities (in the field of healthcare organizations).	Organizational and managerial activities:	Maintaining medical records and organizing the activities of the nursing staff at the disposal	Drawing up a work plan and a report on their work, issuing a passport for a medical (therapeutic) site
			Analysis of morbidity, disability and mortality rates to characterize the health of the attached population
			Maintaining medical records, including in electronic form
			Monitoring the performance of duties by a district nurse and other medical workers at their disposal
			Ensuring internal quality control and safety of medical activities within the scope of official duties

The list of professional standards corresponding to the professional activities of graduates who have mastered the program of a specialist in the specialty 31.05.01 General Medicine in accordance with the Federal State Educational Standard of Higher Education - a specialist in the specialty 31.05.01 General Medicine, approved by order of the Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020 No. 988 .

№ п/п	Occupational Standard Code	Name of the area of professional activity. Name of professional standard
02 Health		
1.	02.009	Professional standard "General practitioner (district physician)", approved by order of the Ministry of Labor and Social Protection of the Russian Federation of March 21, 2017 No. 293n (registered by the Ministry of Justice of the Russian Federation on April 6, 2017, registration No. 46293)

Education under the specialist's program at the FEFU School of Medicine is carried out on a full-time basis. When implementing the specialist's program at the FEFU School of Medicine, e-learning and distance learning technologies are used. Implementation of the specialist's program using exclusively e-learning, distance learning technologies in accordance with the Federal State Educational Standard of Higher Education 31.05.01 General medicine is not allowed.

### **Requirements for the results of the development of the BPEP**

As a result of mastering the main professional educational program, the graduate should form universal, general professional and professional competencies.

#### Universal competencies of graduates and indicators of their achievement

Name of the category (group) of universal competencies	Code and name of universal competence	Code and name of the indicator of achievement of competence	Learning outcomes by disciplines (modules), practices
Systems and critical thinking	UC-1. Is able to form an intolerant attitude towards corrupt behavior	UC-1.1 To be able to identify problem situations and search for the necessary information	Knows how to set a goal and how to achieve it

		to solve problems in the professional field.	Able to determine the essence of the problem situation and the stages of its resolution, taking into account variable contexts
			Possesses the skills to independently collect, systematize and critically analyze the information necessary to develop an action strategy to resolve a problem situation
		UC-1.2 Be able to form value judgments in the professional field	Knows the principles, criteria, rules for making judgments and assessments in the professional field
			Able to form his own judgments and assessments, competently and logically arguing his point of view in the professional field.
			Possesses the skills to apply theoretical knowledge to solving practical problems in the professional field
		UC-1.3 Be able to conduct a critical analysis of information using the historical method	Knows the algorithm for assessing the adequacy and reliability of information about a problem situation, knows how to work with conflicting information from different sources
		Able to search for solutions to a problem situation based on actions, experiment and experience	
		Possesses the skills of independently critically evaluate possible solutions to a problem situation based on an analysis of cause-and-effect relationships	
Development and implementation of projects	UC-2. Able to manage a project at all stages of its life cycle	UC-2.1 Be able to formulate the goal, objectives of the project and draw up a schedule for its implementation	Knows the principles of forming the concept of the project in the specified problem;
			Able to develop the concept of the project within the framework of the designated problem, formulating the goal,

			<p>objectives, relevance, significance (scientific, practical, methodological and other depending on the type of project), expected results and possible areas of their application;</p> <p>Possesses the skills of drawing up a schedule for the implementation of the project as a whole and a control plan for its implementation;</p>
		<p>UC-2.2 Be able to organize a professional discussion of the project, justify the practical and theoretical significance of the expected results, distribute tasks and encourage others to achieve their goals.</p>	<p>Knows the methods of presenting and describing the results of project activities; methods, criteria and parameters for evaluating the results of the project;</p> <p>Able to substantiate the practical and theoretical significance of the results obtained.</p> <p>Possesses the skills to organize a professional discussion of the project..</p>
Teamwork and leadership	UC-3. Able to organize and manage the work of a team, developing a team strategy to achieve a set goal	<p>UC-3.1 To be able to form a team to perform practical tasks, develop a team strategy and work in a team.</p>	<p>Knows existing cooperation strategies when organizing teamwork</p> <p>Able to determine his role in the team in solving tasks</p> <p>Possesses team building skills</p>
		<p>UC-3.2 Be able to implement basic control functions.</p>	<p>Knows how to establish contacts and build relationships with team members based on trust and mutual assistance</p> <p>Able to establish contacts and build relationships with team members based on trust and mutual assistance</p> <p>Possesses the skills to establish contacts and build relationships with team members based on trust and mutual assistance</p>



Communication	UC-4. Able to apply communication technologies, in a foreign language (s), for and professional interaction	UK-4.1 The ability to use the studied lexical units in situations of everyday, social, cultural and business communication in a foreign language	Knows the grammatical system and the lexical minimum of one of the foreign languages
			Able to use the state and foreign languages in professional activities
			Possesses the skills to extract the necessary information from the original text in a foreign language on professional issues.
		UK-4.2 Understands the peculiarities of the behavior of selected groups of people with whom he works/interacts, takes them into account in his professional activities	Knows the behavior of selected groups of people in the process of communication in professional activities
			Able to use techniques for building integration links of communication interaction in professional activities
			Able maintain the integration interaction of selected groups of people in the process of communication in professional activities
		UK-4.3 The ability to build statements using the studied lexical and grammatical units in accordance with the rules of a foreign language	Knows the terminology and rules of a foreign language in professional communication
			Able to optimally apply knowledge of a foreign language in professional communication
			Possesses the skill of oral and written communication to solve professional problems.
		UK-4.4 The ability to compose and present in writing in accordance with the requirements for formalization of official business and academic texts in Russian: abstract,	Knows the principles and rules of business communication, features of oral and written forms of speech
			Able to carry out competent and effective verbal interaction in a professional environment

		<p>annotation, essay, resume, statement, business letter.</p>	<p>Possesses the culture of business speech, the skills of creating business texts</p>
		<p>UK-4.5 The ability, based on the acquired knowledge and skills, to participate in discussions, create and present public oral presentations of various genres to the audience</p>	<p>Knows the specifics of preparing and presenting public oral presentations in professional activities.</p> <p>Able to conduct a conversation, including a discussion, prepare and present a public oral presentation in professional activities.</p> <p>Possesses the skills and presentation of the necessary information, reasoned presentation</p>
		<p>UK-4.6 Able to use modern information and communication tools and technologies</p>	<p>Knows modern information and communication means and technologies.</p> <p>Able to use modern information and communication tools and technologies to solve standard communication and professional tasks</p> <p>Possesses the skill of conducting business correspondence, receiving and processing information, using modern information and communication tools and technologies to solve standard communication and professional tasks</p>
<p>Intercultural interaction</p>	<p>UC-5. Able to analyze and take into account the diversity of cultures in the process of intercultural interaction</p>	<p>UK-5.1 Perceives the intercultural diversity of society and the peculiarities of interaction in it in the socio-historical, ethical and philosophical contexts</p>	<p>Knows the philosophical foundations and the history of the formation of systemic reflective thinking, which allows one to perceive the intercultural diversity of society</p> <p>Able to use the techniques of systemic reflective thinking to perceive and describe the intercultural diversity of society</p> <p>Possesses the skills to perceive the socio-historical, ethical and philosophical context of the</p>

			situation of intercultural interaction
		<p>UK-5.2</p> <p>Explains the features of the cultural diversity of society in accordance with scientific historical knowledge</p>	Knows the influence of the historical process on the development of the diversity of cultures and ethnic groups.
			Able to use the scientific conceptual apparatus to explain the emergence of a variety of ethnic groups and cultures in accordance with scientific historical knowledge
			Possesses the skills to explain the features of the cultural diversity of ethnic groups and cultures using the scientific conceptual apparatus and in accordance with scientific historical knowledge
		<p>UK-5.3</p> <p>Notes and analyzes the peculiarities of intercultural interaction in a historical context</p>	Knows the latest achievements of domestic and foreign historical science, debatable problems of history.
			Able to work with historical sources; critically comprehend historical facts and events, overcome subjectivity and tendentiousness in their presentation, draw a conclusion and argue their own position based on the analysis of available information, treat historical heritage and cultural traditions with respect and care.
			Owens a culture of thinking, the ability to generalize, analyze, perceive information, methods of conducting discussions and polemics.

		<p>UK-5.4 Perceives the intercultural diversity of society and the peculiarities of interaction in it in the socio-historical, ethical and philosophical contexts</p>	<p>Knows the content of the process of intercultural interaction in a multicultural environment</p>
			<p>Able to take into account the diversity of cultures in the process of intercultural interaction</p>
			<p>Possesses the skills of empirical analysis of manifestations of cultural diversity in the process of intercultural interaction</p>
		<p>UK-5.5 Carries out intercultural interaction with the help of general and special philosophical methods of building intercultural communication, taking into account the goals of the activity</p>	<p>Knows the presence of intercultural differences among representatives of various groups of society.</p>
			<p>Able to interact with representatives of various groups of society to achieve social and professional goals.</p>
			<p>Possesses the skill of overcoming intercultural differences among representatives of various groups of society in order to achieve the set social and professional goals.</p>
<p>UK-5.6 Forms and maintains ways of integrating participants in intercultural interaction, taking into account the grounds for their differences and commonality, ethical and philosophical context</p>	<p>Knows ways to determine the conditions for the integration of participants in intercultural interaction in order to achieve the goal, taking into account the grounds for their differences and commonality, ethical and philosophical contexts</p>		
	<p>Possesses the skills to determine the conditions for the integration of participants in intercultural interaction to achieve the goal, taking into account the grounds for their differences and commonality, ethical and philosophical contexts</p>		

			Has the skills to determine the conditions for the integration of participants in intercultural interaction to achieve the goal, taking into account the grounds for their differences and commonality, ethical and philosophical contexts
		UK-5.7 Able to comply with ethical and legal standards in the process of intercultural interaction	Know ethical and legal norms in the process of intercultural and professional communication
			Able to comply with ethical and legal standards in the process of intercultural interaction
			Possesses the skills of intercultural interaction based on accepted ethical and legal norms and values
		UK-5.8 Able to analyze the features of social interaction, taking into account historical, national, cultural and religious characteristics	Knows the problems of social and professional interaction arising from historical, national, cultural and religious characteristics
			Able to identify and analyze conflict situations in social and professional interaction arising from historical, national, cultural and religious characteristics
			Possesses the skill of preventing and resolving conflict situations in social and professional interaction arising from historical, national, cultural and religious characteristics
		UK-5.9 Able to competently and clearly present professional information in the process of intercultural interaction	Knows possible problems of perception of professional information by representatives of different cultures
			Able to competently and clearly present professional information, taking into account possible problems of perception by representatives of different cultures.

			Possesses the skill of accessible, competent presentation of professional information when communicating with representatives of different cultures to solve professional problems
Self-organization and self-development (including health preservation)	UC-6. Able to identify and implement the priorities of their own activities and ways to improve them based on self-assessment and lifelong learning	UK-6.1 Able to prioritize and plan their own professional activities, monitor and analyze its results..	Knows and understands the principles of self-organization and time management
			Able to organize his time based on the principles of self-organization
			Owens the principles of self-organization and applies them in practice to manage his time
		UK-6.2 Knows how to choose the most effective ways and means of improving their own professional activities based on self-assessment.а основе самооценки.	Knows and understands the principles of planning and implementing self-development tasks at various stages of personal and professional self-determination
		Able to plan and implement the trajectory of self-development at various stages of professional self-determination	
		Owens methods of self-development and implementation of the trajectory of self-development	
	UC-7. Able to maintain the proper level of physical fitness to ensure full social and professional activity	UK-7.1 Understands the role of physical culture and sports in modern society, in human life, preparing him for social and professional activities, the importance of physical culture and sports activity in the structure of a healthy lifestyle and the features	Knows the importance of the role of physical culture and sports in modern society, in human life, preparing him for social and professional activities, the importance
			Able to organize independent physical education classes

		of planning an optimal motor regimen, taking into account the conditions of future professional activity	Possesses the skills of planning the motor mode, taking into account professional activities
		UK-7.2 Uses self-control methodology to determine the level of health and physical fitness in accordance with the regulatory requirements and conditions of future professional activity	Knows the means and methods of self-control to determine the level of health and physical fitness
			Able to apply the basic methods of self-control in the process of physical education and sports
			Has the ability to determine the state of health, the level of development of physical qualities and motor skills
		UK-7.3 Maintains the proper level of physical fitness to ensure full-fledged social and professional activities, regularly engaging in physical exercises	Knows the main provisions of the theory and methodology of physical culture and sports
			Able to ensure the preservation and strengthening of individual health with the help of basic motor actions and basic sports
			Owens the technologies of planning physical improvement and methods of practicing various types of motor activity
Life safety	UC-8. Able to create and maintain safe living conditions in everyday life and in professional activity to preserve the natural environment, ensure sustainable development of society, including in the event of the threat and occurrence of	UK-8.1 Identifies dangerous and harmful factors, predicting the possible consequences of their impact in everyday life, in production activities, in emergency situations	Knows the characteristics and signs of dangerous and harmful factors, the possible consequences of their interaction
			Able to establish cause-and-effect relationships between danger and the possible consequences of exposure, assess the potential risk

	emergency situations and military conflicts		Owns methods for identifying dangerous and harmful factors, predicting the possible consequences of their impact in various fields of activity, including in emergency situations
		UK-8.2 Offers means and methods for preventing hazards and maintaining safe living conditions to preserve the natural environment and ensure the sustainable development of society	Knows methods for identifying dangerous and harmful factors, predicting the possible consequences of their impact in various fields of activity, including in emergency situations
			Able to select and apply specific means and methods of protection to ensure security in various given situations
			Owns tools and methods to prevent exposure to hazards and maintain safe living conditions.
		UK-8.3 Develops measures to protect the population and personnel in the conditions of realization of dangers, including in the event of emergencies and military conflicts	Knows the main measures necessary to protect a person from dangerous and harmful production factors, as well as in the event of natural, man-made emergencies and military conflicts
			Able to develop measures necessary to ensure the safety of the object of protection in the conditions of the implementation of hazards
Has the ability to independently develop and justify measures to protect a person in specific conditions of the implementation of dangers, including in the event of emergencies and military conflicts			



		<p>UK-8.4 Able to recognize and evaluate dangerous and emergency situations, determine ways to protect against them, provide self- and mutual assistance in case of dangers</p>	<p>Knows the signs of dangerous and emergency situations, ways to protect against them, methods of providing self- and mutual assistance in case of dangers</p>
			<p>Able to identify signs of dangerous and emergency situations, determine the necessary ways to protect against them.</p>
			<p>Possesses the skill of determining the necessary methods of protection in case of emergencies, providing self- and mutual assistance in case of dangers.</p>
		<p>UK-8.5 Knows how to use personal and collective protective equipment and first aid</p>	<p>Knows the classification and principle of the protective action of individual and collective protective equipment, standard first aid equipment</p>
			<p>Knows how to use personal and collective protective equipment, personal first aid equipment in case of threat and emergency situations and military conflicts</p>
			<p>Possesses the ability to use personal and collective protective equipment, first aid, both in everyday life and in the event of a threat and the occurrence of emergencies and military conflicts</p>
		<p>UK-8.6 Able to provide first aid to the injured</p>	<p>Knows the basics of providing first aid and medical care to victims: pathology, clinic and treatment of lesions with toxic chemicals and ionizing radiation</p>
			<p>Able to provide first aid in the lesions and at the stages of medical evacuation</p>
			<p>Owens first aid techniques for life-threatening</p>

			conditions for victims in emergencies and military conflicts
Inclusive competence	UC-9. Able to use basic defectological knowledge in social and professional spheres	UK-9.1 Know the principles of non-discriminatory interaction with persons with disabilities and people with disabilities in the professional and social spheres.	Knows the principles of non-discriminatory interaction in communication within various spheres of life, taking into account the socio-psychological characteristics of persons with disabilities.
			Able to use the principles of non-discriminatory interaction in communication within various spheres of life, taking into account the socio-psychological characteristics of persons with disabilities.
			Owens the principles of non-discriminatory interaction in communication in the framework of volunteer activities, taking into account the socio-psychological characteristics of persons with disabilities.
		UK-9.2 Be able to plan and carry out professional activities with persons with disabilities and people with disabilities	Knows the features of planning and carrying out professional activities with persons with disabilities and people with disabilities
			Able to plan and carry out professional activities with persons with disabilities and people with disabilities
			Possesses the skills to plan and implement professional activities with people with disabilities and people with disabilities
		UK 9.3 To possess the skills of interaction in the social and professional spheres with persons with disabilities and people with disabilities	Knows the general rules of interaction with persons with disabilities or disabilities in the social and professional spheres
			Knows how to take into account the peculiarities of interaction with people with disabilities or disabilities of

			various groups in the social and professional spheres
			Possesses the skills of interaction with persons with disabilities or disabilities of various groups in the social and professional spheres
Economic culture, including financial literacy	UC-10. Able to make reasonable economic decisions in various areas of life	UK-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	Knows the main patterns underlying the activities of economic entities and their role in the functioning of the economy
			Able to generalize and analyze the necessary economic information to solve specific theoretical and practical problems
			Owens the basic methods and theoretical tools for studying economic phenomena and processes for solving problems in various areas of life
		UK-10.2 Knows the principles of making economic decisions using methods of economic planning to achieve the set goals	Knows the methods and tools for planning and predicting the results of their actions in the professional field
			Able to plan professional activities to achieve results in the professional field
			Possesses the skills to predict the results of professional activity
Civil position	UC-11. Is able to form an intolerant attitude towards corrupt behavior	UK-11.1 Analyzes the current legal norms that ensure the fight against corruption in various areas of life, as well as ways to prevent corruption and form an intolerant attitude towards it	Knows the essence of corrupt behavior and its relationship with social, economic, political and other conditions
			Able to analyze the current legal norms that ensure the fight against corruption in various areas of life, as well as ways to prevent corruption and form an intolerant attitude towards it

			Possesses the skills to work with legislative and other regulatory legal acts that regulate the fight against corruption in various areas of life.
		UK-11.2 Plans, organizes and conducts events that ensure the formation of a civic position and the prevention of legal nihilism, including in terms of combating corruption, extremism, terrorism, etc..	Knows the methods, methods and means of influencing the participants in public relations to form an intolerant attitude towards manifestations of legal nihilism, including manifestations of extremism, terrorism, corruption, etc.
			Able to implement measures that ensure the formation of a civil position and measures for legal education and prevention of legal nihilism, including in terms of combating corruption, extremism, terrorism, etc.
			Possesses the skills of forming a civic position and legal awareness, ensuring the prevention of legal nihilism, countering corruption, extremism and terrorism, etc.
		UK-11.3 Complies with the rules of social interaction based on an intolerant attitude towards corruption	Knows the current legislation and norms governing social interaction based on an intolerant attitude towards corruption
			Able to participate in public relations on the basis of an intolerant attitude towards corruption
			Possesses social interaction skills based on an intolerant attitude towards corruption

General professional competencies of graduates and indicators of their achievement.

Name of the category (group) of universal competencies	Code and name of universal competence	Code and name of the indicator of achievement of competence	Learning outcomes by disciplines (modules), practices
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Ethical and legal foundations of professional activity	GPC-1. Able to implement moral and legal norms, ethical and deontological principles in professional activities	GPC-1.1. Be able to observe the moral and legal foundations in professional activities.	Knows moral and legal norms in professional activity.
			Able to comply with ethical standards and human rights in professional activities.
			Possesses the skill of professional interaction with patients, employees, relatives of patients, observing moral and legal standards.
		GPC -1.2 Knows the legislation of the Russian Federation in the field of health care, regulatory legal acts and other documents that determine the activities of medical organizations and medical workers, general issues of organizing medical care for the population	Knows the basics of the legislation of the Russian Federation in the field of health care, the main regulatory legal acts and other documents that determine the activities of medical organizations and medical workers, general issues of organizing medical care for the population
Knows how to use the main legal regulations and other documents that determine the activities of medical organizations and medical workers.			
Possesses the skill of applying orders, regulations, standards, recommendations, other legal documents regulating the professional activities of a doctor in the provision of medical care to the population			
Healthy lifestyle	GPC 2. Able to conduct and monitor the effectiveness of preventive measures, the formation of a healthy lifestyle and sanitary and hygienic education of the population	GPC-2.1. Knows how to plan and apply the most effective methods and means of informing the population about a healthy lifestyle,	Knows the basics of planning and applying effective methods and means of informing the population about a healthy lifestyle, increasing its literacy in matters of disease prevention

		increasing its literacy in matters of disease prevention	Able to plan and apply the most effective methods and means of informing the population about a healthy lifestyle, increasing its literacy in matters of disease prevention
			Possesses the skills of planning work to inform the population about a healthy lifestyle, increase its literacy in matters of disease prevention
		GPC -2.2. Possesses the skills to prepare an oral presentation or printed text that promotes a healthy lifestyle, increases the literacy of the population in matters of sanitary culture and prevention	Knows the methodology for preparing an oral presentation or printed text in order to promote a healthy lifestyle, increase the literacy of the population in matters of sanitary culture and prevention
			Able to draw up a plan for the preparation of an oral presentation or printed text in order to promote a healthy lifestyle, increase the literacy of the population in matters of sanitary culture and prevention
			Possesses the skills to prepare oral presentations or printed texts that promote a healthy lifestyle, increase the literacy of the population in matters of sanitary culture and prevention.
		GPC-3. Capable of countering and combating doping in sport	GPC-3.1 Knows the concept of doping, the general principles of the fight against doping, the risk to health from the use of doping.
Able to identify signs of doping.			

			Possesses the skills of planning preventive measures for the use of doping		
		GPC-3.2 Able to conduct explanatory work on the medical and legal consequences of doping	Knows information resources for planning anti-doping preventive work		
			Knows how to use information resources to plan preventive anti-doping work		
			Has the skill of using information resources for planning preventive work on the fight against doping		
		GPC-3.3 Possesses: the skills of explanatory and preventive work to prevent the use of doping in sports	Knows the methods of conducting explanatory and preventive work to prevent the use of doping in sports		
			Knows how to plan explanatory and preventive work to prevent the use of doping in sports		
			Possesses the skills of planning and conducting explanatory and preventive work to prevent the use of doping in sports.		
		Diagnostic instrumental examination methods	GPC-4. Able to use medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a diagnosis	GPC-4.1 Able to use medical devices provided for by the order of medical care	Knows the basic medical devices, specialized equipment, technologies provided for by the procedure for providing medical care
					Able to use the procedures for the provision of medical care for the use of medical devices, specialized equipment and medical technologies.
					Possesses the skills to use of medical devices, specialized equipment and medical technologies in accordance with the procedures for providing medical care.
		GPC-4.2. Able to use medical devices in accordance with the current procedures for the provision of	Knows the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care,		

		<p>medical, clinical recommendations (treatment protocols) on the provision of medical care, care, taking into account the standards of medical care in order to establish a diagnosis</p>	<p>standards of medical care that determine the use of medical devices, equipment, technologies in order to establish a diagnosis</p> <p>Able to use the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care that determine the use of medical devices, equipment, technologies in order to establish a diagnosis</p> <p>Possesses the skill of choosing the medical devices used in order to establish a diagnosis in accordance with the current procedures for the provision of medical, clinical recommendations (treatment protocols) on the provision of medical care, care, taking into account the standards of medical care</p>
<p>Etiology and pathogenesis</p>	<p>GPC-5. Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems</p>	<p>GPC-5.1 Knows the patterns of functioning of a healthy human body and the mechanisms for ensuring health from the standpoint of the theory of functional systems; features of the regulation of the functional systems of the human body in pathological processes</p> <p>GPC-5.2. Able to determine and evaluate morphofunctional,</p>	<p>Knows the regularities of the structure and functioning of organs and systems of the human body in normal and pathological conditions</p> <p>Able to assess the state of the human body based on knowledge of the patterns of functioning of organs and systems of the human body in normal and pathological conditions</p> <p>Possesses the skill of analyzing the obtained data on the function of human organs and systems in normal and pathological conditions</p> <p>Knows the physiological norms that characterize the state of human organs and systems.</p>



		physiological states and pathological processes of the human body	<p>Able to assess the state of human organs and systems in accordance with physiological norms that characterize the state of human organs and systems.</p> <p>Owns an algorithm for assessing the state of human organs and systems in accordance with physiological norms,</p>
		<p>GPC-5.3. Owns the algorithm of physical examination, clinical laboratory, instrumental diagnostics in solving professional problems</p>	<p>Knows the algorithm and methodology for studying the function of human organs and systems in normal and pathological conditions</p> <p>Able to plan the application of methods for studying the function of human organs and systems in normal and pathological conditions</p> <p>Owns the algorithm of physical examination, clinical laboratory, instrumental diagnostics in solving professional problems</p>
		<p>GPC-5.4. Able to analyze and interpret the data obtained during the physical, laboratory, instrumental examination of the patient, during consultations of the patient by specialist doctors to solve professional problems.</p>	<p>Knows the methods of physical, laboratory, instrumental examination of the patient to solve professional problems.</p> <p>Able to analyze the data obtained during the physical, laboratory, instrumental examination of the patient, during consultations of the patient by specialist doctors to solve professional problems.</p> <p>Possesses the skill of interpreting data on the state of the human body obtained during the study of the function of human organs and systems in normal and pathological conditions</p>
Primary Health Care	GPC-6. Able to organize patient care, provide primary health care, ensure the organization of work and the adoption of professional decisions in	<p>GPC-6.1. Owns an algorithm for the timely detection of life-threatening disorders and is able to assess the patient's</p>	<p>Knows the clinical manifestations of life-threatening disorders of the patient's condition, requiring first aid at the prehospital stage</p>

	emergency conditions at the prehospital stage, in emergency situations, epidemics and in centers of mass destruction	condition to make a decision on the need for first aid at the prehospital stage	Able to identify life-threatening violations of the patient's condition that require first aid at the prehospital stage
			Possesses the skill to identify life-threatening violations of the patient's condition that require first aid at the prehospital stage
		GPC-6.2. Owns the algorithm for providing first aid at the prehospital stage in case of emergency, including the skills of basic cardiopulmonary resuscitation	Knows the algorithm for providing first aid at the prehospital stage in case of emergency, including basic cardiopulmonary resuscitation
			Able to perform basic cardiopulmonary resuscitation.
			Possesses the skill of providing first aid at the prehospital stage in case of emergency, including the skills of basic cardiopulmonary resuscitation
		GPC - 6.3. Owns the algorithm for providing first aid to those affected in the foci of especially dangerous infections, in case of deterioration of the radiation situation and natural disasters (isolation, emergency specific and non-specific prevention, etc.)	Knows the basics of providing first aid to those affected in the foci of especially dangerous infections, with a deterioration in the radiation situation and natural disasters.
Able to provide first aid to those affected in the foci of especially dangerous infections, in case of deterioration of the radiation situation and natural disasters.			
Able, under the guidance of the algorithm, to provide first aid to those affected in the foci of especially dangerous infections, in case of deterioration of the radiation situation and natural disasters.			

		<p>GPC-6.4. Knows how to use medicines and medical products in the provision of medical care in an emergency form at the prehospital stage</p>	<p>Knows medicines and medical devices for providing medical care in an emergency form at the prehospital stage</p>
			<p>Able to use medicines and medical products in the provision of medical care in an emergency form at the prehospital stage</p>
			<p>Possesses the skill to independently use medicines and medical devices in the provision of medical care in an emergency form at the prehospital stage</p>
Treatment of diseases and conditions	GPC-7. Able to prescribe treatment and monitor its effectiveness and safety	<p>GPC-7.1. Able to prescribe treatment based on knowledge of morphofunctional characteristics, physiological conditions and pathological processes in the human body, based on the pharmacodynamics of drugs and the mechanism of action of other therapeutic agents and methods.</p>	<p>Knows the features of the pharmacodynamics of drugs, the mechanism of therapeutic agents and methods in physiological and pathological conditions of a person.</p>
			<p>Able to draw up a treatment plan based on knowledge of morphofunctional characteristics, physiological conditions and pathological processes in the human body, based on the pharmacodynamics of drugs and the mechanism of action of other therapeutic agents and methods.</p>
		<p>GPC-7.2. Able to evaluate and control the therapeutic effect and side effects in prescribing drugs, as well as other therapeutic</p>	<p>Possesses the skill to independently prescribe treatment based on knowledge of morphofunctional characteristics, physiological conditions and pathological processes in the human body, based on the pharmacodynamics of drugs and the mechanism of action of other therapeutic agents and methods.</p>
			<p>Knows the therapeutic effects and side effects of prescribed drugs, as well as other therapeutic agents and methods</p>

		agents and methods, based on clinical, laboratory and instrumental data.	Able to evaluate the therapeutic effects and side effects of prescribed drugs, as well as other therapeutic agents and methods
			Possesses the skill to correct medical prescriptions based on the evaluation of therapeutic effects and side effects of prescribed drugs, as well as other therapeutic agents and methods
Medical rehabilitation	GPC-8. Able to implement and monitor the effectiveness of the patient's medical rehabilitation, including the implementation of individual rehabilitation and habilitation programs for the disabled, to assess the patient's ability to work	GPC-8.1 Knows how to prescribe, implement and monitor the effectiveness of the patient's medical rehabilitation, including the implementation of individual rehabilitation and habilitation programs for the disabled	<p>Knows the measures for the medical rehabilitation of the patient, medical indications and contraindications for their implementation, taking into account the diagnosis and in accordance with current procedures for the provision of medical care clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p> <p>Able to determine medical indications for medical rehabilitation measures, including the implementation of an individual rehabilitation and habilitation program for disabled people, in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p> <p>Possesses the skill of referring a patient in need of medical rehabilitation to a specialist doctor for prescribing and carrying out medical rehabilitation measures, including when implementing an individual rehabilitation program or habilitation for people with disabilities, in accordance with the current procedures for providing</p>

			<p>medical care, clinical recommendations (treatment protocols) according to issues of medical care, taking into account the standards of medical care</p>
		<p>GPC-8.2 Able to assess the patient's ability to work</p>	<p>Knows the procedure for the examination of temporary disability and the signs of a patient's temporary disability.</p>
			<p>Able to identify signs of temporary incapacity for work and signs of permanent dysfunction due to diseases, consequences of injuries or defects.</p>
			<p>Possesses the skill of paperwork and examination of temporary disability</p>
Quality management	GPC-9. Able to implement the principles of quality management in professional activities	<p>GPC-9.1. Owns the principles of the quality management system and marketing in professional activities</p>	<p>Knows the regulatory documents for assessing the quality of medical care.</p>
			<p>Able to use normative documents for assessing the quality of medical care.</p>
			<p>Possesses the skill of organizing medical activities in accordance with regulatory documents for assessing the quality of medical care.</p>
		<p>GPC-9.2. Able to analyze and critically evaluate the quality of professional activity according to specified indicators</p>	<p>Knows the main normative indicators for assessing the quality of professional medical activity of a general practitioner</p>
<p>Able to use normative indicators for assessing the quality of professional medical activity of a general practitioner to organize work</p>			
<p>Possesses the skill of organizing the professional medical activities of a general practitioner in accordance with the standard indicators of quality assessment.</p>			
information literacy	GPC-10. Able to solve standard tasks of professional activity using information, bibliographic resources, biomedical	GPC-10.1. Able to use modern information and communication tools and technologies in	<p>Knows modern information and communication tools and technologies used in professional medical activities</p>

	terminology, information and communication technologies, taking into account the basic requirements of information security	professional activities	Able to use modern information and communication tools and technologies in professional medical activities
			Possesses the skill of using modern information and communication tools and technologies in professional medical activities
		GPC K-10.2. Able to follow the rules of information security in professional activities	Knows modern threats and rules for compliance with information security in professional activities
			Able to work in a virtual information space in compliance with information security rules
			Possesses the skill of safe work in the virtual information space
Scientific and organizational activities	GPC-11. Able to prepare and apply scientific, research and production, design, organizational, managerial and regulatory documentation in the healthcare system	GPC-11.1. Able to search and select scientific, legal and organizational-administrative documentation in accordance with the set goals, their analysis and application to solve professional problems	Knows the sources, methods of search and selection of scientific, legal and organizational-administrative documentation in accordance with the set goals.
			Able to search and select scientific, legal, organizational and administrative documentation in accordance with the set goals.
			Possesses the skill of analyzing and applying scientific, regulatory, legal and organizational-administrative documentation in accordance with the solution of professional problems
		GPC-11.2. Able to use the methods of evidence-based medicine in solving the professional tas	Knows the methods of evidence-based medicine in solving the delivered professional doctor
			Able to: use the methods of evidence-based medicine in solving the set professional doctor
			Possesses the skill of using evidence-based medicine methods to solve professional problems.
		GPC-11.3.	Knows the basics of the methodology for preparing

		Knows how to prepare information and analytical materials and references, including for the public presentation of the results of scientific work (report, theses, article)	publications, abstracts, reports for public presentation.
			Knows how to plan a scientific report, theses, articles.
			Possession of the skill of compiling a scientific report, theses, articles for public presentation and publication.

Professional competencies of graduates and indicators of their achievement:

Tasks of professional activity (PA)	Object or area of knowledge (if necessary)	Code and name of professional competence	Code and name of the indicator of achievement of professional competence
Type of tasks of professional activity: medical			
Labor function			
Providing medical care to a patient in urgent or emergency forms	02 Health	PC-1 is ready to participate in the provision of medical care in urgent or emergency forms	PC-1.1 Has the ability to assess the condition of a patient requiring emergency or emergency medical care
			PC-1.2 Knows the list of laboratory and instrumental research methods for assessing the patient's condition, the main medical indications for conducting research and interpreting the results
			PC-1.3 Knows the etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs
			PC-1.4 Knows the methodology for collecting complaints and anamnesis

		from patients (their legal representatives)
		PC-1.5 Knows the methods of physical examination of patients (examination, palpation, percussion, auscultation)
	PC-2 is ready to provide emergency medical care to patients with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life	PC-2.1 Able to identify clinical signs of conditions requiring emergency medical care in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life
		PC-2.2 Able to perform measures to provide emergency medical care in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life
		PC-2.3 Able to use medicines and medical devices in the provision of medical care in emergency or urgent forms for sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life
	PC-3 is ready to provide emergency medical care to patients in conditions that pose a threat to the	PC-3.1 Able to identify conditions requiring emergency medical care, including clinical signs of



		<p>patient's life, including clinical death (stopping the vital functions of the human body (blood circulation and/or respiration))</p>	<p>sudden cessation of blood circulation and breathing</p> <p>PC-3.2 Able to perform basic cardiopulmonary resuscitation in combination with electrical impulse therapy (defibrillation)</p> <p>PC-3.3 Knows the clinical signs of a sudden cessation of blood circulation and / or respiration</p> <p>PC-3.4 Knows the rules for basic cardiopulmonary resuscitation</p> <p>PC-3.5 Knows the principles of operation of devices for external electrical impulse therapy (defibrillation)</p> <p>PC-3.6 Knows the rules for performing external electrical impulse therapy (defibrillation) in case of a sudden cessation of blood circulation and / or respiration</p>
<p>Examination of the patient in order to establish a diagnosis</p>	<p>02 Health</p>	<p>PC-4 is ready to collect and analyze the patient's complaints, his medical history, the results of a physical examination, laboratory, instrumental, post-mortem and other studies in order to recognize the condition or establish the presence or absence of a disease in accordance with the</p>	<p>PC-4.1 Able to collect complaints, anamnesis of life and illness of the patient and analyze the information received</p> <p>PC-4.2 Able to conduct a complete physical examination of the patient (examination, palpation, percussion, auscultation) and interpret its results</p>

	<p>current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care.</p>	<p>PC-4.3 Knows how to justify the need and scope of laboratory and instrumental examination of the patient, the need to refer the patient for consultations with specialist doctors</p>
		<p>PC-4.4 Knows how to prioritize the volume, content and sequence of diagnostic measures, taking into account the standards of medical care</p>
		<p>PC-4.5 Knows the methods of laboratory and instrumental research to assess the state of health, medical indications for conducting research, the rules for interpreting their results</p>
		<p>PC-4.6 Knows the procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care</p>
	<p>PC-5 is capable of making a diagnosis based on the current International Statistical Classification of Diseases and Related Health Problems (ICD).</p>	<p>PC-5.1 Knows etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, peculiarities of course, complications and outcomes of diseases of internal organs</p>
		<p>PC-5.2 Can conduct early diagnosis of diseases of internal organs</p>
		<p>PC-5.3 Can make differential diagnostics of</p>

			diseases of internal organs from other diseases
			PC-5.4 Can use the International Statistical Classification (ICD) of Diseases and Related Health Problems to make a diagnosis
Prescribing treatment and monitoring its effectiveness and safety	02 Health	PC-6 is capable of developing a treatment plan for a disease or condition, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care	<p>PC-6.1 Knows modern methods of using medicines, medical devices and medical nutrition for diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p> <p>PC-6.2 Knows the procedure for providing palliative care</p> <p>PC-6.3 Able to draw up a treatment plan for the disease and the patient's condition, taking into account the diagnosis, the age of the patient, the clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p>

<p>PC-7 is ready to prescribe medicines, medical devices and medical nutrition, taking into account the diagnosis, age and clinical picture of the disease and in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p>	<p>PC-7.1 Knows the mechanism of action of drugs, medical devices and medical nutrition, medical indications and contraindications for their use; complications associated with their use.</p>
	<p>PC-7.2 Knows how to prescribe medicines, medical devices and medical nutrition, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p>
<p>PC-8 is ready to prescribe non-drug treatment, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p>	<p>PC-8.1 Knows modern methods of non-drug treatment of diseases and conditions in a patient in accordance with the current procedures for providing</p>
	<p>PC-8.2 Able to prescribe non-drug treatment, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p>
<p>PC-9 is capable of assessing the</p>	<p>PC-9.1 Knows the mechanism of action of non-</p>

		<p>effectiveness and safety of the use of drugs, medical devices, clinical nutrition and other methods of treatment</p>	<p>drug treatment; medical indications and contraindications to its appointment; side effects, complications caused by its use</p> <p>PC-9.2 Able to evaluate the effectiveness and safety of the use of medicines, medical devices and clinical nutrition</p>
		<p>PC-10 is ready to organize personalized treatment of the patient, including pregnant women, elderly and senile patients, evaluation of the effectiveness and safety of treatment</p>	<p>PPC-10.1 Knows the physiological characteristics of patients depending on the constitutional type, age, comorbidities and changes associated with pregnancy</p> <p>PC-10.2 Able to prescribe personalized treatment of patients depending on the constitutional type, age, comorbidities and changes associated with pregnancy, taking into account the standards of medical care</p>
<p>Implementation and control of the effectiveness of the patient's medical rehabilitation, including the implementation of individual programs for the rehabilitation or habilitation of the disabled, assessment of the patient's ability to work</p>	<p>02 Health</p>	<p>PC-11 is ready to conduct an examination of temporary disability, participate in a medical and social examination, ascertain the biological death of a person</p>	<p>PC-11.1 Knows the procedure for the examination of temporary disability and signs of temporary disability of the patient</p> <p>PC-11.2 Knows signs of persistent impairment of body functions due to diseases, consequences of injuries or defects</p> <p>PC-11.3 Able to identify signs of temporary disability and signs of permanent impairment of body functions due to diseases,</p>

		consequences of injuries or defects
		PC-11.4 Knows the signs of biological death, the procedure for fixing the fact of biological death and the procedure for registering biological death
	PC-12 is ready to determine the need for the use of natural healing factors, medicinal, non-drug therapy and other methods in patients in need of medical rehabilitation and sanatorium treatment in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care	PC-12.1 Knows the measures for the medical rehabilitation of the patient, medical indications and contraindications for their implementation, taking into account the diagnosis in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care
		PC-12.2 Knows the medical indications and contraindications for the appointment of sanatorium-resort treatment as a stage of the patient's medical rehabilitation
		PC-12.3 Knows the features of medical rehabilitation of elderly and senile patients
		PC-12.4 Knows how to determine medical indications for medical rehabilitation measures, including the implementation of an individual rehabilitation or habilitation program for disabled people, in

			<p>accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p> <p>PC-12.5 Knows how to prescribe sanatorium-and-spa treatment to a patient in need of medical rehabilitation, including when implementing an individual rehabilitation or habilitation program for disabled people, in accordance with current clinical recommendations (treatment protocols) on the provision of medical care, procedures for the provision of medical care and with taking into account the standards of medical care</p>
Carrying out and monitoring the effectiveness of measures to prevent and promote a healthy lifestyle and sanitary and hygienic education of the population	02 Health	PC-13 is capable and ready to conduct preventive medical examinations, medical examinations and dispensary observation of healthy and chronic patients	PC-13.1 Knows the regulatory legal acts and other documents regulating the procedures for conducting medical examinations, medical examinations and dispensary observation
			PC-13.2 Knows the principles of dispensary observation of patients with non-communicable diseases and risk factors in accordance with regulatory legal acts and other documents

			<p>PC-13.3 Knows the forms and methods of sanitary and educational work on the formation of elements of a healthy lifestyle, including programs to reduce alcohol and tobacco consumption, prevent and combat the non-medical use of narcotic drugs and psychotropic substances</p>
			<p>PC-13.4 Able to conduct medical examinations taking into account age, health status, profession in accordance with current regulatory legal acts and other documents</p>
			<p>PC-13.5 Knows how to conduct medical examinations of the adult population in order to early identify chronic non-communicable diseases, the main risk factors for their development</p>
			<p>PC-13.6 Able to conduct dispensary observation of patients with identified chronic non-communicable diseases, including patients with high and very high cardiovascular risk</p>
			<p>PC-13.7 Knows how to prescribe preventive measures to patients, taking into account risk factors for the prevention and early detection of diseases, including socially significant diseases</p>



	<p>PC-14 is ready to organize and control the immunoprophylaxis of infectious diseases in the adult population in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p>	<p>PC-14.1 Knows preventive measures taking into account the diagnosis in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p>
<p>PC-15 is capable and ready to carry out anti-epidemic measures, organize the protection of the population in foci of especially dangerous infections, in case of deterioration of the radiation situation,</p>	<p>PC-14.2 Knows the principles of application of specific and non-specific prevention of infectious diseases, the national calendar of preventive vaccinations and the calendar of preventive vaccinations according to epidemic indications</p>	<p>PC-14.3 Able to draw up a plan for the immunoprophylaxis of infectious diseases in the adult population in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p>
	<p>PC-15.1 Knows the rules for conducting sanitary and anti-epidemic measures</p>	<p>PC-15.2 Knows how to determine medical indications for the introduction of restrictive measures (quarantine) and indications for referral to a specialist doctor</p>

		natural disasters and other emergencies	PC-15.3 Able to draw up a plan for conducting sanitary and anti-epidemic measures in the event of a focus of infection
Maintaining medical records and organizing the activities of the nursing staff at the disposal	Type of tasks of professional activity: research		
	01 Education and science	SC-16 is capable and ready to analyze morbidity, disability and mortality rates to characterize the health of adults and adolescents	PC-16.1 Knows the medical and statistical indicators of morbidity, disability and mortality that characterize the health of the attached population, the procedure for their calculation and evaluation
			PC-16.2 Able to analyze data from official statistical reporting, including forms of federal and sectoral statistical observation
	Type of tasks of professional activity: organizational and manageria		
	07 Administrati on and office activities	PC-17 is ready to participate in the assessment of the quality of medical care using the main medical and statistical indicators	PC-17.1 Knows the organization of medical care in medical organizations that provide medical care on an outpatient basis, including at home when a medical worker is called
			PC-17.2 Able to analyze medical and statistical indicators of morbidity, disability and mortality to assess the health of the attached population
PC-18 is able to monitor the performance of duties by a nurse and other medical workers at their disposal		PC-18.1 Knows the duties of a district nurse and other medical workers at the disposal	
		PC-18.2 Knows how to control the performance of duties by a district nurse and	

			other medical workers at their disposal
		PC-19 is ready to maintain medical records, including in electronic form	PC-19.1 Knows the rules for issuing medical records in medical organizations that provide medical care on an outpatient basis, including at home when a medical worker is called
			PC-19.2 Knows the rules of work in information systems and information and telecommunications network "Internet"
			PC-19.3 Able to fill out medical documentation, including in electronic form
			PC-19.4 Knows how to use information systems and the information and telecommunications

### **Specific features of the basic vocational educational program**

Applicants with secondary general education in accordance with the order of the Ministry of Education and Science of the Russian Federation from 14.10.2015 № 1147 "On approval of the admission to training in educational programs of higher education - bachelor programs, specialist programs, master programs" (with amendments and additions) are accepted for training on the main professional educational program on specialty 31.05.01 General Medicine.

The relevance of the main professional educational program is conditioned by the state strategy of public health prevention in the Russian Federation, implementation of state programs and innovative projects in healthcare system, development of medical science and consists in preparation of highly qualified professionals,

competitive, demanded in the labor market, able to adapt to the rapidly changing social and economic conditions of the new generation specialists.

A graduate by specialty 31.05.01 General medicine receives a diploma of higher education and after passing the primary accreditation has the right to conduct independent therapeutic and preventive activities as a general practitioner in accordance with the professional standard. The doctor's training allows him to continue his education in residency, postgraduate training programs of higher qualification.

Characteristics of active/interactive methods and forms of organizing classes, electronic educational technologies used in the implementation of the educational program

The study process of the specialty 31.05.01 General medicine includes the use of active and interactive methods and forms of classes. According to the curriculum of the educational program with the use of active and interactive methods and forms, 17.7% of classroom lessons are held.

**Characteristics of active/interactive methods and forms of class organization, electronic educational technologies used in the implementation of the educational program**

The educational process of the specialty 31.05.01 General Medicine provides for the use of active and interactive methods and forms of classes. According to the curriculum of the educational program with the use of active and interactive methods and forms, 17.7% of classroom lessons are held.

**Structure and contents of the educational program**

The structure of the degree program includes the following blocks:

Block 1 "Disciplines (modules)";

Block 2 "Practice";

Block 3 "State Final Attestation".

The structure and scope of the specialty program 31.05.01 General medicine:

The structure of the program of specialty		Scope of the specialist degree program and its blocks in credit units
Block 1	Disciplines (modules)	No less 288
	Obligatory part	281
	Part of the educational program, formed by participants of educational relations	31
Block 2	Practice	No less 45
	Obligatory part	45
Block 3	State final certification	3
Scope of the specialist program		360

The formation of general professional competencies, professional competencies and universal competencies is provided by the disciplines (modules) and practices included in the mandatory part of the program and in the part formed by the participants of educational relations.

The volume of the compulsory part excluding the state final attestation is 91.3%.

The program provides the implementation of disciplines (modules) on philosophy, history (history of Russia, general history), foreign language, life safety in the Block 1 "Disciplines (modules)".

The Master's degree program provides for the implementation of disciplines (modules) in physical education and sports:

no less than 2 semester hours in Block 1 "Disciplines (modules)";

At least 328 academic hours that are mandatory for study, are not converted to credit units. and are not included in the volume of the degree program, within the framework of elective disciplines (modules).

Disciplines (modules) on physical education and sports are implemented in the order established by FEFU. FEFU establishes a special procedure for the development of disciplines (modules) in physical education and sport for persons with disabilities and persons with disabilities, taking into account their health status.

**Peculiarities of the organization of the educational process under the educational program for persons with disabilities and persons with disabilities**

FEFU implements an organizational model of inclusive education - ensuring equal access to education for all students, taking into account various special

educational needs and individual capabilities of students. The model allows people with disabilities to use education as the most effective mechanism for personal development and improvement of their social status. In order to create conditions to ensure inclusive education of persons with disabilities and persons with disabilities, the structural units of the University perform the following tasks:

- Department for work with applicants organizes career guidance work among potential applicants, including those with disabilities and persons with disabilities: open days, career guidance testing, webinars for graduates of schools, educational institutions of vocational education, consultations for this category of students and their parents on admission and training, prepares advertising and informational materials, organizes interaction with educational organizations;

- The Department of Youth Policy provides support for inclusive education of people with disabilities, addresses the development and maintenance of the information and technology base for inclusive education, elements of distance learning for people with disabilities, creating a barrier-free environment, collecting information about people with disabilities and people with disabilities, ensuring their systematic registration at the stages of their admission, training and employment;

- FEFU Department of Extracurricular Activities ensures the adaptation of disabled people and persons with disabilities to the conditions and mode of educational activities, takes measures to create a socio-cultural tolerant environment necessary to form a civil, legal and professional position of participation, readiness of all members of the team to communicate and cooperate, the ability to tolerate social, personal and cultural differences;

- Department of career guidance and interaction with employers assists in employment of graduates with disabilities and persons with disabilities in the form of: presentations and meetings of employers with senior students, individual consultations on employment issues, master classes and trainings.

The content of higher education in educational programs and the conditions for organizing education for persons with disabilities are determined by an adapted educational program, and for people with disabilities also in accordance with the

individual rehabilitation program, which is developed by the Federal Medical and Social Expert Assessment Agency. An adapted educational program is developed in the presence of an application from the student (parents, legal representatives) and medical indications. Training under the educational programs of disabled people and students with disabilities is carried out by the organization taking into account the peculiarities of psychophysical development, individual capabilities and state of health. The choice of teaching methods in each case is conditioned by the objectives of training, the content of training, the level of professional training of teachers, methodological and material and technical support, the availability of time for training, taking into account the features of the psychophysical development, individual capabilities and health status of students.

Persons with disabilities and persons with hearing and speech impairments, with visual impairments and locomotor disabilities can receive education at the University on this basic educational program in full-time form of study using elements of distance learning technologies.

The University provides students with disabilities and persons with disabilities the opportunity to learn specialized adaptive disciplines that are included in the variable part of the basic educational program. Teachers, whose courses require the performance of certain specific actions and present a problem or action that is not feasible for students with mobility or speech difficulties, must take into account these features and offer disabled persons and persons with disabilities alternative methods of consolidation of the studied material. Timely informing of teachers about people with disabilities and persons with disabilities in a particular group is carried out by the person in charge, established by order of the school principal.

In the FEFU Scientific Library reading rooms, workplaces for people with disabilities are equipped with displays and Braille printers; equipped with: portable devices for reading flat text, scanning and reading machines video magnifier with color spectrum control; magnifying electronic magnifiers and ultrasonic markers.

If necessary, individual training plans and individual training schedules can be developed for persons with disabilities and persons with disabilities. The period of

higher education when studying on an individual curriculum for persons with disabilities and persons with disabilities, if desired, may be increased, but not more than one year.

When a disabled person and student with a disability is sent to an organization or enterprise to undergo an internship stipulated by the curriculum, the University agrees with the organization (enterprise) on the conditions and types of work, taking into account the recommendations of the Federal Medical and Social Expert Assessment Office and the individual disabled person rehabilitation program. If necessary, special workplaces may be created for internships, in accordance with the nature of the impairment, as well as taking into account the professional type of activity and the nature of the work performed by the disabled student.

To implement measures of current monitoring of progress, interim and final certification of persons with disabilities and persons with disabilities, assessment tools adapted for such students and allowing to assess their achievement of learning outcomes and the level of development of all competencies, declared in the educational program. The form of interim and state final certification for students with disabilities and persons with disabilities is established taking into account individual psychophysical features (oral, written on paper, written on a computer, in the form of testing, etc.).

Head of the Educational program of General Medicine  
Doctor of Medicine, Professor

V.V. Usov

Deputy Director of the School of Medicine  
for teaching and educational work  
Candidate of Medical Sciences, Associate Professor

E.R. Dvoynikova



## **1. Documents regulating the organization and content of the educational process**

### **1.1 Calendar of the educational process**

The schedule of the educational process in the specialty 31.05.01 Medicine establishes the sequence and duration of theoretical training, exam sessions, internships, state final certification, and vacations. The schedule is developed in accordance with the requirements of FSES HE 3++ (Order of the Ministry of Science and Higher Education of August 12, 2020 № 988) and is made in the form determined by the Department of the organization of educational activities of FEFU, agreed and approved together with the curriculum. The schedule of the educational process is presented in Appendix 1.

### **1.2 Curriculum**

The curriculum for the educational program for the specialty 31.05.01 Medicine is compiled in accordance with the requirements to the structure of the educational program, formulated in Section IV of FSES 3++, as defined by the Department of Educational Activities of FEFU and the form developed by the Information and Methodological Analysis Center (Shakhty), approved by the FEFU Academic Council, agreed with the Directorate of School of Medicine, Department of Educational Activities of FEFU and approved by the Vice Rector for Education and Instructional Work. The curriculum contains a list of disciplines (modules), practices, certification tests of the state final certification of students, other types of learning activities with an indication of their volume in credits, sequence and distribution by periods of study. The curriculum allocates the amount of work of students in interaction with the teacher (by type of classes) and independent work of students. For each discipline (module) and practice indicated form of interim certification of students. The content of the curriculum is determined by the educational standard, on the basis of which the program is implemented.

The curriculum is presented in Appendix 2.

### **1.3 Collection of abstracts of working programs of disciplines**

The collection of abstracts of working programs of disciplines (modules) is presented in Appendix 3.

### **1.4 Working programs of disciplines**

Work programs are developed for all disciplines (modules) of the curriculum.

The structure of the work programs includes the following sections:

- title page;
- abstract;
- structure and content of the theoretical and practical part of the course;
- Educational-methodical support of students' independent work;
- control of achieving the goals of the course (fund of estimation tools for intermediate certification of students on the discipline; description of estimation tools for current control);
- the list of educational literature and information support of the discipline (list of basic and additional educational literature, resources of information and telecommunication network "Internet");
- methodological guidelines for mastering the discipline;
- List of information technologies and software;
- material and technical support of the discipline.

LPD on the specialty 31.05.01 General Medicine is made taking into account the latest achievements in the field of medicine and biology and reflects the modern level of development of science and practice.

Funds of assessment tools for intermediate certification of students on the discipline (module) are an integral part of LPD, which include:

- description of indicators of achievement of competencies at various stages of their formation, description of evaluation scales;
- the list of control tasks or other materials necessary to assess the knowledge, skills and (or) activity experience, characterizing the stages of competence formation in the process of mastering the educational program;
- description of the evaluation procedure of knowledge, abilities, skills and (or) experience, characterizing the stages of formation of competencies.

The work programs also include a description of the forms of current control on disciplines.

Work programs of disciplines (modules) are presented in Appendix 4.  
Appendix 4.

### **1.5 Practicum programs**

The curriculum of the FEFU educational program in the specialty 31.05.01 Medicine provides for educational and industrial types of practices.

Educational practices:

- Introductory practice
- Care of surgical and therapeutic patients
- Research work (obtaining the initial skills of research work)

Industrial practices:

- Practice for obtaining professional skills and experience in the positions of nursing staff (Ward Nurse's Assistant)
- Practice for acquiring professional skills and work experience as nursing staff (Assistant Procedural Nurse)
- Assistant physician in therapeutic, surgical, obstetric and gynecological hospital
- Practice as a general practitioner

Practicum programs have been developed in accordance with the Regulations on the practice of students studying the educational programs of higher education - Bachelor's, Specialist's and Master's programs in FEFU schools, approved by the order of the rector from 14.05.2018 № 12-13-870 and includes:

- indication of the type, type of practice, method and form(s) of its conduct;
- list of planned learning outcomes of the internship, correlated with the planned results of the educational program;
- indication of the place of practice in the structure of the educational program;
- indication of the scope of practice in credit units and its duration in weeks or in academic or astronomical hours;
- contents of the internship;
- indication of the forms of reporting on practice;

- fund of assessment tools for interim certification of students on practice;
- list of educational literature and Internet resources necessary for the practice;
- list of information technologies used during the practice, including a list of software
- and information reference systems (if necessary);
- description of material and technical base necessary for carrying out the practice.
- Internship programs and related documents (agreements
- accompanying documents (agreements with employers, a detailed description of the internship base, etc.) are presented in Appendix 5.

### **1.6 Program of the state final certification**

The state final certification of a graduate of FEFU in the specialty 31.05.01 General Medicine is compulsory and takes place after mastering the basic professional educational program in its entirety.

The state final certification includes three stages: a test examination, assessment of the level of mastering practical skills of a specialist and an oral interview examination, aimed at assessing the ability to solve specific professional problems.

The list of specific forms of the State Final Examination for the specialty 31.05.01 General Medicine is approved annually by the Academic Council of FEFU on the presentation of the Academic Council of the School of Medicine.

The program of the state final attestation is developed in accordance with the Regulations on the state final certification approved by the Rector's order "On enactment of the Regulations on the final state attestation on EP HE" from 24.05.2019. № 12-13-1039.

The program of the state final certification includes a fund of assessment tools for the state final certification, the requirements for the content and procedure of the state exam.

The fund of assessment tools for the state final certification includes:

- the list of competencies that students should master as a result of mastering the educational program;
- description of competence achievement indicators, evaluation scale;
- standard control tasks or other materials necessary to assess the results of mastering the educational program;
- methodological materials determining the evaluation procedures of the results of the educational program.

The program of the state final certification is presented in Appendix 6.

## **2. Actual resource support for the implementation of the Educational Program**

### **2.1 Information about the staffing support of BPEP**

Requirements for the staffing of the educational program are defined in accordance with the FSES of Higher Education 3++ for the specialty 31.05.01 Medical Business.

The proportion of full-time scientific and pedagogical staff (converted to integer rates) is 76.08% of the total number of scientific and pedagogical staff of the organization.

The implementation of the educational program is provided by scientific and pedagogical staff with basic education that corresponds to the profile of the taught discipline, the share of which in the total number of scientific and pedagogical staff is 93.26%.

The share of teaching staff with academic degrees and (or) academic titles is 77.39%; the share of scientific and pedagogical staff from among managers and employees of organizations, whose activities are related to the focus of the implemented program in the total number of employees implementing the program meets the requirements of the Federal State Educational Standard of Higher Education in the field of training 31.05.01 Medical Business (specialist level), approved by the Ministry of Science and Higher Education of Russia from 12.08.2020 № 988 - 20.59%.

General management of the content of the specialty program 31.05.01 "General Medicine" is executed by V.V. Usov, doctor of medical sciences, professor of the

Department of Clinical Medicine of the School of Medicine, surgeon of the highest medical category.

Information about the staffing of the educational program includes information about the teachers implementing the disciplines (modules) in accordance with the curriculum is presented in the form of a table in Appendix 7.

## **2.2 Information about the availability of printed and electronic educational and information resources on BPEP**

FEFU's local network of educational and methodological documentation for all disciplines, including students' independent work, is available on the FEFU website. Each student during the entire period of study has unlimited access to electronic library systems and electronic information and educational environment of FEFU, placed on the platform BlackBoard Learn. FEFU electronic information and educational environment provides: formation of an electronic portfolio of the student, including the storage of works of the student, reviews and evaluations of these works by any participants of the educational process; interaction between participants of the educational process, including synchronous and asynchronous interaction via the "Internet". The functioning of the electronic information and educational environment is provided by the appropriate means of information and communication technology and the qualifications of the employees who use and support it. The library collection is equipped with printed and electronic publications of basic and additional literature published in the last five to ten years.

Workplaces for people with disabilities are equipped with displays and Braille printers; equipped with: portable devices for reading flat texts, scanning and reading machines video magnifier with the ability to regulate the color spectrum; magnifying electronic magnifiers and ultrasonic markers.

The educational process is provided with equipped classrooms and laboratories that meet fire safety requirements, designed for lectures, laboratories and practical classes in the disciplines of the curriculum, as well as rooms for independent work of students. Through Wi-Fi network covering all academic

buildings, students have access to the Internet. All classrooms for lectures are equipped with multimedia systems, projectors, presentation screens.

All FEFU buildings are designed to be accessible to persons with disabilities. In order to provide special learning conditions for disabled people and persons with disabilities at FEFU, all buildings are equipped with ramps, elevators, elevators, specialized seats with restrooms, and information and navigation support signs.

### **2.3 Information about the material and technical support of the Educational Program**

Requirements for material and technical support of the educational program  
The requirements to the material and technical support of the educational program in the specialty 31.05.01 General Medicine are determined in accordance with the Federal State Educational Standards of Higher Education 3++.

FEFU has sufficient material and technical resources to provide lecture-type classes, seminar-type classes, group and individual consultations, current monitoring and interim certification, as well as rooms for independent work and rooms for storage and preventive maintenance of educational equipment. Special rooms are equipped with specialized furniture and technical means of instruction.

Classrooms for lectures are equipped with multimedia equipment.

The list of material and technical support, necessary for the implementation of the specialization program includes laboratories equipped with laboratory equipment, depending on the degree of complexity.

The rooms for independent work of students are equipped with computers with the ability to connect to the Internet and access to the electronic information and educational environment of the organization. Students and scientific and pedagogical staff are provided with access (remote access) to modern professional databases (including international abstract databases of scientific publications) and information reference systems.

The University is provided with the necessary set of licensed software (the list is defined in the working programs of disciplines).

All rooms correspond to the current sanitary and fire safety rules and norms.

Information about the material and technical support of the main educational program, including information on the availability of equipped classrooms, facilities for practical training with a list of basic equipment, physical education and sports facilities, are presented in the form of a table in Appendix 9.

#### **2.4 Information about the results of scientific activities of teachers**

Requirements for the organization and conduct of scientific research in the framework of the implemented educational program in the specialty 31.05.01 General Medicine is defined in accordance with the FSES of Higher Education 3++.

The description of the actual results of scientific activities of teachers, confirming compliance with the requirements of FSES VO 3++ / FSES FEFU is given.

Information about the results of scientific activities of teachers include information about published by full-time teachers for the last 3 years textbooks and manuals, monographs, scientific publications, developments and objects of intellectual property, research and development activities and are presented in the form of a table in Appendix 10.

#### **2.5 Financial conditions for implementing the educational program**

Financial support for the implementation of specialist programs is carried out in an amount not less than the established by the Ministry of Education and Science of the Russian Federation the basic standard costs of providing public services in education for a particular level of education and training with adjusting factors taking into account the specifics of educational programs in accordance with the Methodology for determining the standard costs of public services for the implementation of educational programs of higher education in specialty

#### **2.6 Conditions for the application of the quality assessment mechanism of educational activities and training, students under the educational program**

The quality of educational activities and training of students in this program is determined within the system of internal and external evaluation.

Assessment of the quality of the educational program includes current control, interim certification and state final certification of graduates. For systematic work



on the support of academic progress in the university developed a rating assessment of students' knowledge.

The procedure of current control and interim certification is regulated by the "Regulations on the current control of progress, current and interim certification of students studying in higher education programs at FEFU", approved by order № 12-13-1376 of 05. 07.07.2017; "Regulations on the rating system of evaluating the progress of students of FEFU higher education programs", approved by the order from 28.10.2014 № 12-13-17184; "Regulations on control of the educational process performance", approved by the order from 28.10.2014 № 12-13-1719.

The state final attestation is regulated by the "Regulations on the state final attestation of higher education programs - Bachelor's, Specialist's and Master's degree programs", approved by the order from 27.11.2015 № 12-13-2285. Assessment tools in the form of a fund of assessment tools for all forms of certification tests and current control are developed and presented in the electronic learning support system BlackBoard Learn. Assessment tools are developed in accordance with the "Regulations on Assessment Tools Funds of Higher Education Programs - Bachelor's, Specialist's, and Master's Degree Programs of FEFU", approved by Order No. 12-13-850 dated May 12, 2015. For each learning outcome of a discipline, practice or final attestation the indicators and criteria of assessment of competence formation at different stages of their formation, scales and procedures of assessment are defined.

In order to improve the educational program an internal assessment of the quality of educational activities and training of students with the involvement of employers and their associations is carried out. Also within the internal system of quality assessment of educational activities, students are provided with the opportunity to evaluate the conditions, content, organization and quality of the educational process.

External assessment of the quality of educational activities on the educational program is carried out within the framework of state accreditation procedures to confirm the compliance of educational activities on the educational program with the requirements of FSES HE 3++. External assessment is carried out within the framework of professional and public accreditation conducted by

employers, their associations, as well as their authorized organizations, including foreign organizations in order to recognize the quality and level of graduate training, compliance with professional standards (if any), labor market requirements for the specialists of the relevant profile.

### **1. Regulatory basis for the development of the Educational Program**

The normative legal base for the development of the basic educational program consists of:

- Federal law of 29.12.2012 № 273-FZ "On Education in the Russian Federation";
- Federal state educational standard of higher education in specialty 31.05.01 "General Medicine" (specialist level), approved by Order of the Ministry of Education and Science of the Russian Federation from 12.08.2020 № 988;
- Order of the Ministry of Science and Higher Education of the Russian Federation of March 14, 2020, No. 397 "On the organization of educational activities in organizations that implement educational programs of higher education and relevant additional professional programs, under conditions of prevention of the spread of a new coronavirus infection in the Russian Federation".
- Order of the Ministry of Health of the Russian Federation, the Ministry of Science and Higher Education of the Russian Federation № 378/619 of April 27, 2020. "On the organization of practical training of students on educational programs of higher medical education under conditions of the prevention of the spread of a new coronavirus infection in the territory of the Russian Federation".
- Order of the Ministry of Education and Science of the Russian Federation No. 816 dated August 23, 2017 "On Approval of the Use of E-Learning and Distance Learning Technologies by Organizations Implementing Educational Activities to Implement Educational Programs".

- Professional standard "Medical doctor (general practitioner of the district)", approved by the order of the Ministry of Labor and Social Protection of the Russian Federation from "21" March 2017 № 293 n
- Order of the Ministry of Science and Higher Education of the Russian Federation from 05.04.2017 N 301 "On approval of the order of organization and implementation of educational activities under educational programs of higher education - bachelor's degree programs, specialist's degree programs, master's degree programs";
- Order of the Ministry of Education and Science of the Russian Federation of 27.11.2015 N 1383 "On approval of the provision on the practice of students mastering basic professional educational programs of higher education";
- Order of the Ministry of Education and Science of the Russian Federation of 29.06.2015 № 636 "On approval of the order of the state final attestation of educational programs of higher education - bachelor's programs, specialist's programs and master's programs";
- Order of the Ministry of Education and Science of the Russian Federation of November 09, 2015, No. 1309 "On approval of the procedure for ensuring accessibility for disabled people to facilities and services provided in the field of education, as well as providing them with necessary assistance in this regard;
- Order of the Ministry of Education and Science of the Russian Federation of 02.12.2015 N 1399 "On approval of the action plan (road map) of the Ministry of Education and Science of the Russian Federation to increase the indicators of accessibility for disabled people to facilities and services in the field of education";
- Order of the Ministry of Health of the Russian Federation of 08.10.2015 N 707n (ed. from 15.06.2017) "On approval of Qualification requirements

for medical and pharmaceutical workers with higher education in the direction of training "Health and medical sciences";

- Order of the Ministry of Health of the Russian Federation of 22.08.2013 № 585n "On approval of the Procedure for participation of students in basic professional educational programs and additional professional programs in the provision of medical care to citizens and in pharmaceutical activities".
- FEFU Charter, approved by Order No. 522 of the Ministry of Education and Science of the Russian Federation dated May 06, 2016;
- internal regulations and documents of FEFU.

## **2. Goals and objectives of the basic professional educational program**

The goal of the educational program is to develop students' personal qualities, formation of general cultural, professional and professional competencies in accordance with the federal state educational standard of higher education in the direction of training 31.05.01 "General Medicine" (specialist level), determining the graduate's ability to active social and professional activity or continuation of education.

The main goal is achieved through the formation of skills in independent solution of such professional tasks as: carrying out preventive medical examinations, dispensary examination and performance of dispensary observation of patients; determination of basic pathological conditions, symptoms, disease syndromes, nosological forms in patients in accordance with the International Statistical Classification of Diseases and Related Health Problems, X review; conducting examination, laboratory, instrumental, pathological-anatomical and other examinations; medical record keeping and reporting; performance of a set of measures aimed at preservation and promotion of health, including the formation of a healthy lifestyle, prevention of the appearance and/or spread of diseases, their early diagnosis, identification of causes and conditions of their appearance and development, as well as measures aimed at elimination of the adverse effects on health and the environment. The main principles of organization and management

in the sphere of health protection of citizens, in medical organizations and their structural subdivisions; participation in carrying out scientific research.

### **3. The labor intensity of the BPEP for the training direction**

The standard period of study of the basic professional educational program of specialization is 6 years for full-time form of study.

The total workload of the basic vocational training program is 360 credit units (60 credit units per academic year).

When studying on the individual curriculum of persons with disabilities, the period of study of the main professional educational program may be increased at their request by no more than 1 year compared with the period of education for the corresponding form of study. The volume of the specialist's program for one academic year when studying on an individual curriculum may not be more than 75 credit units.

**4. Areas of professional activity and spheres of professional activity** in which graduates who have mastered the program of specialization (hereinafter - graduates) can carry out professional activity:

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

02 Public health (in the sphere of rendering the primary medical and sanitary aid to the population in medical organizations: polyclinics, outpatient clinics, stationary-polyclinic institutions of municipal public health services and medical-preventive institutions rendering primary medical and sanitary aid to the population);

07 Administrative, managerial and office activities (in the sphere of activity of health care organizations).

2. Types of professional activities for which graduates who have mastered the specialty program are prepared:

medical;

Organizational and managerial;

Scientific research.

The FEFU School of Medicine focuses on the specific type(s) of professional

activity for which a specialist is being trained, based on the needs of the labor market, research and material and technical resources of the organization when designing and implementing the specialist's program.

**5. A graduate who has mastered the specialist's** program is ready to solve the following professional problems in accordance with the type(s) of professional activity that the specialist's program is focused on:

**medical activity:**

Providing medical care to a patient in an emergency or urgent form.

Conducting an examination of the patient in order to establish a diagnosis.

Prescribing treatment and monitoring its effectiveness and safety.

Implementing and monitoring the effectiveness of medical rehabilitation of the patient, including the implementation of individual rehabilitation or habilitation programs for persons with disabilities, and assessing the patient's ability to perform labor activities.

Carrying out and monitoring the effectiveness of measures to prevent and promote healthy lifestyles and hygiene education for the population.

**organizational and managerial activities:**

Maintaining medical records and organizing the activities of the nursing staff on hand.

**research activities:**

Analysis of scientific literature and official statistical reviews, participation in statistical analysis and public presentation of findings;

Participation in solving individual research and scientific-applied tasks in the field of health care on diagnosis, treatment, medical rehabilitation and prevention.

**6. Requirements to the results of the educational program for training**

**31.05.01 General Medicine (specialist level)**

As a result of mastering the specialist's program a graduate must have developed universal, professional and professional competencies.

A graduate who has mastered the program should have the following

universal competencies:

UK-1. Ability to critically analyze problematic situations on the basis of a systematic approach, to develop a strategy of action

UK-2. Ability to manage a project at all stages of its life cycle

UK-3. Ability to organize and lead a team, developing a team strategy to achieve the set goal

UK-4. Ability to apply communicative technologies, in foreign language(s), for and professional interaction

UK-5. Ability to analyze and take into account the diversity of cultures in the process of intercultural interaction

UK-6. Ability to determine and implement priorities of own activity and ways of its improvement on the basis of self-assessment and lifelong learning

UK-7. The ability to maintain an appropriate level of physical fitness to ensure full social and professional activity

UK-8. With the ability to create and maintain safe living conditions in everyday life and professional activities to preserve the natural environment, ensure the sustainable development of society, including the threat and emergence of emergency situations and military conflicts

UK-9. Ability to use basic knowledge of defectology in social and professional spheres

UK-10. Ability to make sound economic decisions in different spheres of life

UK-11. Ability to form an intolerant attitude towards corrupt behavior

A graduate who has mastered the specialist program must have the following

**general professional competencies:**

GPC-1. Able to implement moral and legal norms, ethical and deontological principles in professional activities

GPC-2. Able to carry out and monitor the effectiveness of preventive measures, formation of healthy lifestyles and hygienic education of the population

GPC-3. Able to prevent and combat the use of doping in sports

GPC-4. Able to use medical devices stipulated by the Medical Aid Procedure,

as well as conduct patient examinations in order to establish a diagnosis

GPC-5. Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional tasks

GPC-6. Able to organize patient care, provide primary health care, organize work and make professional decisions in case of emergencies at pre-hospital stage, emergencies, epidemics and mass destruction foci

GPC-7. Able to prescribe treatment and control its efficiency and safety

GPC-8. Is able to implement and monitor the efficiency of medical rehabilitation of a patient, including the implementation of individual programs of rehabilitation and habilitation for disabled people, evaluate the patient's ability to work

GPC-9. Able to implement quality management principles in professional activity

GPC-10. Is able to solve standard tasks of professional activity with the use of information, bibliographic resources, medical and biological terminology, information and communication technologies taking into account the basic requirements of information security

GPC-11. Able to prepare and apply scientific, scientific-production, design, organizational-management and normative documentation in health care system

A graduate who has mastered the specialist's program must have **professional competencies** relevant to the type(s) of professional activity for which the specialist's program is oriented:

**medical activity:**

PC-1 readiness to participate in providing medical care in emergency or urgent forms

PC-2 readiness to provide medical aid in emergency form to patients with sudden acute diseases, conditions, exacerbation of chronic diseases with no obvious signs of threat to patient's life

PC-3 readiness to provide medical aid in case of emergency for patients with life-threatening conditions, including clinical death (stopping of vital functions of



human organism (circulation and/or respiration))

PC-4 Readiness to collect and analyze patient's complaints, data of medical history, results of physical examination, laboratory, instrumental, pathologoanatomic and other examinations in order to recognize the condition or establish the presence or absence of the disease in accordance with current procedures of medical care, clinical guidelines (treatment protocols) for the provision of medical care taking into account the standards of medical care.

PC-5 Ability to establish a diagnosis taking into account the current International Statistical Classification of Diseases and Related Health Problems (ICD).

PC-6 Ability to develop a treatment plan for a disease or condition, taking into account the diagnosis, age and clinical picture in accordance with the current procedures of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care.

PC-7 Willingness to prescribe medicines, medical devices and medical nutrition taking into account the diagnosis, age and clinical picture of the disease and in accordance with the current procedures of health care, clinical guidelines (treatment protocols) for the provision of medical care in compliance with the standards of medical care

PC-8 Willingness to prescribe non-pharmacological treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with current health care procedures, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care

PC-9 Ability to assess the efficiency and safety of application of medicines, medical devices, therapeutic nutrition and other methods of treatment

PC-10 Readiness to organize personalized treatment of patients, including pregnant women, elderly and senile patients, to assess efficiency and safety of treatment

PC-11 readiness to assess temporary disability, to participate in medical and social expertise, to establish the biological death of a person

PC-12 readiness to determine the necessity of application of natural healing factors, medicinal, non-medicinal therapy and other methods in patients in need of medical rehabilitation and sanatorium-and-spa treatment in accordance with current procedures for medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care

PC-13 ability and readiness to conduct preventive health examinations, health evaluation and follow-up of healthy and chronic patients

PC-14 readiness to organize and control immunoprophylaxis of infectious diseases in adult population according to acting rules of medical care, clinical guidelines (treatment protocols) on the provision of medical care in compliance with standards of medical care

PC-15 ability and readiness to carry out anti-epidemic measures, to organize protection of population in foci of especially dangerous infections, in worsening of radiation situation, natural disasters and other emergency situations **научно-  
research activity:**

PC-16 ability and willingness to analyze morbidity, disability, and mortality rates to characterize adult and adolescent health

**organizational and managerial activity:**

PC-17 willingness to participate in assessing the quality of medical care using basic medical and statistical indicators

PC-18 readiness to control the performance of job duties by a nurse and other available health care workers

PC-19 readiness to keep medical records, including electronic records

## **7. The structure of the BPEP**

The structure of the program includes a mandatory part (basic) and the part formed by participants in educational relations (variable). This ensures the possibility of implementing specialist programs with different specialization within the same specialty.

The degree program consists of the following blocks:

Block 1 "Disciplines (modules)", which includes disciplines (modules) related to the basic part of the program and disciplines (modules) related to its variable part.

Block 2 "Practicums, including research work", which fully relates to the basic part of the program.

Block 3 "State Final Attestation", which fully refers to the basic part of the program and culminates in the qualification specified in the list of specialties and areas of higher education approved by the Ministry of Education and Science of the Russian Federation

The structure of the program of specialty	The volume of the program in credit units
Disciplines (modules)	No less 288
Main part	No less 260
Variative part	No more 52
Practices, including research work	No less 45
Basic part	No less 45
State final certification	3
Scope of the specialist program	360

## **8. Characteristics of the FEFU educational environment that ensures the formation of general cultural competencies and the achievement of educational goals**

In accordance with the Charter of FEFU and the University Development Program, the main task of educational work with students is to create conditions for active life of students, for civil self-determination and self-realization, to meet the needs of students in the intellectual, spiritual, cultural and moral development. Educational activities at the university are carried out systematically through the educational process, practices, research work of students and extracurricular activities

in all areas. The university has created a campus environment that ensures the development of general cultural and socio-personal competencies of graduates.

Organization and content of the management system of educational and extracurricular activities in FEFU is provided by the following structures: Academic Council; Rector's Office; Vice-Rector for Academic and Educational Work; Schools; Department of Youth Policy; Creative Center; United Student Council. Young people can put their efforts and implement their own projects in the Volunteer Training Center, Parliamentary Debate Club, Students Trade Union, United Student Scientific Society, Center for Development of Student Initiatives, Youth Training Center, Student Professional Teams.

An important role in shaping the educational environment is played by the Student Council of the School of Medicine. As part of the activities of student associations there is financial support for the activities of student associations, student detachments, student self-government, volunteer movement, development of hobby clubs, support for student sports and patriotic direction.

The Student Council of SM participates in the organization of extracurricular activities of the school students, identifies factors that hinder the successful implementation of the educational process at the university, brings them to the attention of the school management, considers issues related to compliance with academic discipline, internal regulations, protects students' interests in interaction with the administration, promotes the acquisition by students of experience in organizational and executive activities.

The university's educational environment ensures that every student has the opportunity to be active, to be involved in social practice, in solving the problems of the university, city, country, while developing the appropriate general cultural and professional competencies. Thus, to support and motivate students, FEFU has established a number of state and non-state scholarships: scholarship for success in scientific activities, scholarship for success in social activities, scholarship for success in sports, scholarship for success in creative activities, scholarship of the V. Potanin Charitable Foundation. Potanin Foundation, Oxford Russian Foundation Scholarship,

Primorsky Krai Governor's Scholarship, Genzo Shimadzu Scholarship, BP Scholarship, Alfa Chance Scholarship Program, Mitsubishi Corporation International Scholarship, etc.

The University is a unique complex of buildings and facilities located on an area of about one million square meters, with a developed campus infrastructure, including dormitories and hotels, sports facilities and installations, medical center, network of dining rooms and cafes, gyms, grocery stores, pharmacies, post offices and banks, laundries, ateliers and other facilities that provide all conditions for living, eating, health, sports and recreation for students and employees.

All campus buildings are designed to be accessible to people with disabilities. In order to ensure special educational conditions for disabled people and persons with disabilities, FEFU maintains specialized records of disabled people and persons with disabilities at the stages of their enrollment, training and employment.

#### **9. The system of assessing the quality of students' learning of the educational program**

Assessment of the quality of mastering the educational program includes current control, interim certification and state final certification of graduates. For systematic work on the support of academic progress in the university developed a rating assessment of students' knowledge.

The procedure of current control and interim certification is regulated by the "Regulations on the current control of progress, current and interim certification of students studying in higher education programs at FEFU", approved by order № 12-13-1376 of 05. 07.07.2017; "Regulations on the rating system of evaluating the progress of students of FEFU higher education programs", approved by the order from 28.10.2014 № 12-13-17184; "Regulations on control of the educational process performance", approved by the order from 28.10.2014 № 12-13-1719.

The state final attestation is regulated by "Regulations on the state final attestation of educational programs of higher education - Bachelor's, Specialist's and Master's degree programs", approved by the order from 27.11.2015 № 12-13-2285. Assessment tools in the form of a fund of assessment tools for all forms of

certification tests and current control are developed and presented in the electronic learning support system BlackBoard Learn. Assessment tools are developed in accordance with the "Regulations on Assessment Tools Funds of Higher Education Programs - Bachelor's, Specialist's, and Master's Degree Programs of FEFU", approved by Order No. 12-13-850 dated May 12, 2015. For each learning outcome of a discipline, practice or final certification, the indicators and criteria of assessment of competence formation at different stages of their formation, scales and procedures of assessment are defined.

### **10. Specific features of the BPEP**

Applicants with secondary general education in accordance with the order of the Ministry of Education and Science of the Russian Federation from 14.10.2015 № 1147 "On approval of the admission to training in educational programs of higher education - bachelor programs, specialist programs, master programs" (with amendments and additions) are accepted for training on the main professional educational program (MEP) on specialty 31.05.01 General Medicine.

The relevance of the main professional educational program is conditioned by the state strategy of public health prevention in the Russian Federation, implementation of state programs and innovative projects in the healthcare system, development of medical science and consists in preparation of highly qualified professionals, competitive, demanded in the labor market, able to adapt to the rapidly changing social and economic conditions of the new generation specialists.

### **11.Characteristics of active/interactive methods and forms of class organization, electronic educational technologies used in the implementation of the educational program**

In the educational process of training 31.05.01 General medicine the use of active and interactive methods and forms of classes is provided. The implementation of the educational program provides for the use of modern educational electronic technologies in the form of e-learning courses.

## **12. Peculiarities of the organization of the educational process under the educational program for persons with disabilities and persons with disabilities**

FEFU implements an organizational model of inclusive education - ensuring equal access to education for all students, taking into account various special educational needs and individual capabilities of students. The model allows people with disabilities to use education as the most effective mechanism for personal development and improvement of their social status. In order to create conditions to ensure inclusive education of persons with disabilities and persons with disabilities, the structural units of the University perform the following tasks:

- Department for work with applicants organizes career guidance work among potential applicants, including those with disabilities and persons with disabilities: open days, career guidance testing, webinars for graduates of schools, vocational education institutions, consultations for this category of students and their parents on admission and education, prepares advertising and informational materials, organizes interaction with educational organizations;

- Department of Youth Policy shall support inclusive education of persons with disabilities, address the development and maintenance of information and technological base of inclusive education, elements of distance learning for persons with disabilities, creating a barrier-free environment, collecting information about persons with disabilities and persons with disabilities, ensuring their systematic registration at the stages of their admission, training and employment;

- FEFU Department of Extracurricular Activities ensures the adaptation of disabled people and persons with disabilities to the conditions and mode of educational activities, takes measures to create a socio-cultural tolerant environment necessary to form a civil, legal and professional position of participation, readiness of all members of the team to communicate and cooperate, the ability to tolerate social, personal and cultural differences;

- Department of career guidance and interaction with employers promotes employment of graduates with disabilities and persons with disabilities in the form

of: presentations and meetings of employers with senior students, individual consultations on employment issues, master classes and trainings.

The content of higher education in educational programs and the conditions for the organization of training of persons with disabilities are determined by an adapted educational program, and for persons with disabilities also in accordance with the individual rehabilitation program, which is developed by the Federal agency of medical and social expertise. An adapted educational program is developed in the presence of an application from the student (parents, legal representatives) and medical indications. Training under the educational programs of disabled people and students with disabilities is carried out by the organization taking into account the peculiarities of psychophysical development, individual capabilities and state of health. The choice of teaching methods in each case is conditioned by the objectives of training, the content of training, the level of professional training of teachers, methodological and material and technical support, the availability of time for training, taking into account the features of the psychophysical development, individual capabilities and health status of students.

Persons with disabilities and persons with hearing and speech impairments, with visual impairments and locomotor disabilities can receive education at the University on this basic educational program in full-time form of study using elements of distance learning technologies.

The University provides students with disabilities and persons with disabilities the opportunity to learn specialized adaptive disciplines that are included in the variable part of the basic educational program. Teachers, whose courses require the performance of certain specific actions and present a problem or action that is not feasible for students with mobility or speech difficulties, must take into account these features and offer disabled persons and persons with disabilities alternative methods of consolidation of the studied material. Timely notification of teachers about people with disabilities and persons with disabilities in a particular group is carried out by a responsible person, established by order of the school principal.



In the reading rooms of the FEFU Scientific Library, workplaces for people with disabilities are equipped with displays and Braille printers; equipped with: portable devices for reading flat-paper texts, scanning and reading machines video magnifier with the ability to regulate color spectrums; magnifying electronic magnifiers and ultrasonic markers.

If necessary, individual training plans and individual training schedules can be developed for persons with disabilities and persons with disabilities. The period of higher education when studying on an individual curriculum for persons with disabilities and persons with disabilities, if desired, may be increased, but not more than one year.

When a disabled person and student with a disability is sent to an organization or enterprise to undergo an internship stipulated by the curriculum, the University agrees with the organization (enterprise) on the conditions and types of work, taking into account the recommendations of the Federal Medical and Social Expert Assessment Office and the individual disabled person rehabilitation program. If necessary, special workplaces may be created for internships, in accordance with the nature of the impairment, as well as taking into account the professional type of activity and the nature of the work performed by the disabled student.

To implement measures of current monitoring of progress, interim and final certification of persons with disabilities and persons with disabilities, assessment tools adapted for such students and allowing to assess their achievement of learning outcomes and the level of development of all competencies, declared in the educational program. The form of interim and state final certification for students with disabilities and persons with disabilities is established taking into account individual psychophysical features (oral, written on paper, written on a computer, in the form of testing, etc.).

### **13. Documents regulating the organization and content of the educational process**

#### **13.1 Calendar of the educational process**

The schedule of the educational process of the training program for the specialty 31.05.01 General Medicine the sequence and duration of theoretical training, exam sessions, internships, state final certification, and vacations. The schedule is designed in accordance with the requirements of FSES and is made in the form determined by the Department of the organization of educational activities of FEFU.

The schedule of the educational process is presented in Appendix 1.

### **13.2 Curriculum**

The curriculum of the educational program for specialty 31.05.01 Medicine (specialist level) is made in accordance with the requirements to the structure of the educational program, formulated in Section II of the FSES of Higher Education in the field of training, in the form developed by the Information and Methodological Analysis Center (Shakhty), approved by the FEFU Academic Council, agreed with the head of the educational program Medical Business, Director of School of Medicine, Director of the Department of Educational Activities and approved by the Vice Rector for academic work.

The curriculum contains a list of disciplines (modules), practices, certification tests, other types of learning activities with an indication of their volume in credit units, sequence and distribution over periods of study. The curriculum allocates the amount of work of students in interaction with the teacher (by type of classes) and independent work of students. For each discipline (module) and practice indicated form of interim certification of students.

The curriculum for the basic part (basic) and the part formed by the participants of educational relations (variable). The basic part of the curriculum contains mandatory disciplines (modules) for the specialty 31.05.01 Medicine (specialist level).

The curriculum contains disciplines at the choice of students in the amount of 30.5% of the variable part of the MEP HE.

The curriculum is presented in Appendix 2.

### **13.3 Matrix of Competence Formation**

The matrix of formation of competencies for training 31.05.01 General Medicine (specialist level) reflects the relationship between the formed competencies and disciplines of the basic and variative parts, all types of practices, research work, the final certification, as well as forms of assessment tools for each of these types of academic work.

The matrix of competence formation is presented in Appendix 3.

### **13.4 Working programs of academic disciplines (WPUD)**

Working programs have been developed for all academic disciplines (modules) of both basic and variative parts, including elective disciplines, in accordance with the requirements of the order of the Rector of FEFU dated 08.05.2015 № 12-13-824 "On approval of the layout of the working program of academic discipline for higher education programs - Bachelor's, Specialist and Master's degree programs of FEFU".

The structure of RPUD includes the following sections:

- title page;
- abstract;
- structure and content of theoretical and practical part of the course;
- educational-methodical support of students' independent work;
- control of the course objectives achievement (fund of evaluation tools for interim certification of students on the discipline; description of evaluation tools for current control);
- list of educational literature and information support of the discipline (list of basic and additional educational literature, resources of information and telecommunication network "Internet");
- methodological guidelines for mastering the discipline;
- list of information technologies and software;
- material and technical support of the discipline.
- TPUD on the direction of training 31.05.01 Medical Business (the level of specialist) is made taking into account the latest achievements in the

field of health care and reflects the modern level of development of science and practice.

Funds of assessment tools, for the interim certification of students on the discipline (module), developed in accordance with the Regulations on the funds of assessment tools of FEFU, approved by order of the rector from 12.05.2015 № 12-13-850, included in the working programs of disciplines (modules), include:

- the list of competencies formed by this discipline, indicating the stages of their formation during the development of the educational program;
- description of indicators and assessment criteria of competences at different stages of their formation, description of assessment scales;
- the list of control tasks or other materials necessary to assess the knowledge, skills and (or) activity experience, characterizing the stages of competence formation in the process of mastering the educational program;
- description of the evaluation procedure of knowledge, abilities, skills and (or) activity experience that characterize the stages of competence formation.

The work programs also include a description of the forms of current control on disciplines.

Work programs of disciplines are presented in Appendix 4.

### **13.5 Practicum programs**

The curriculum of the FEFU educational program for training 31.05.01 Medical Business (level of specialist) provides the following types and types of practices:

#### **Educational practice:**

- familiarization practice;
- care of surgical and therapeutic patients
  - research work (gaining basic research skills).

#### **Industrial practice:**

1. practice to gain professional skills and experience in the posts of nursing staff (Ward Nurse Assistant)

2. Internship to obtain professional skills and experience as nursing staff  
(Assistant to the Procedural Nurse)

3. Assistant of therapeutic, surgical, obstetrician-gynecological hospital  
doctor

4. Practice of general medical profile

The purpose of practice - consolidation of theoretical knowledge, development of practical skills and abilities, received in the course of training and formation of professional competencies of doctor-specialist, acquisition of experience in solving real professional problems.

Practice in the content of the basic educational program of higher education by the specialty 31.05.01 Medical Business (level of specialist) makes up 12,5% of educational time.

Practicum programs are developed in accordance with the Regulations on Practicum of the Federal State Autonomous Educational Institution of Higher Professional Education "Far Eastern Federal University", approved by the order of the rector from 23.10.2015 № 12-13-2030 and includes:

- indication of the type of practice, method and form (forms) of its conduct;
- a list of the planned learning outcomes of the internship, correlated with the planned results of the educational program;
- indication of the place of practice in the structure of the educational program;
- indication of the scope of practice in credit units and its duration in weeks or in academic or astronomical hours;
- contents of the internship;
- indication of the forms of reporting on practice;
- fund of assessment tools for interim certification of students on practice;
- list of educational literature and Internet resources necessary for the practice;
- list of information technologies used during the practice, including a list of software and information reference systems (if necessary);
- description of material and technical base necessary for carrying out the practice.

Programs of practical training are presented in Appendix 5.

### **13.6 Program of the state final certification**

The state final attestation of FEFU graduates in 31.05.01 General Medicine (specialist level) is mandatory and takes place after mastering the basic professional educational program in its entirety.

State final attestation includes preparation for and passing the state exam.

The program of the state final attestation is developed in accordance with the Regulations on the state final attestation, approved by the order of the rector from 17.04.2015 № 12-13-2285.

The program of the state final certification includes a fund of assessment tools for the state final certification, requirements for the content and procedure of the state examination.

The fund of assessment tools for the state final certification developed in accordance with the Regulations on the FEFU funds of assessment tools, approved by the order of the rector from 12.05.2015 № 12-13-850, includes:

- the list of competencies to be mastered by the students as a result of mastering the educational program;
- description of indicators and evaluation criteria of competencies, as well as evaluation scales;
- typical control tasks or other materials necessary to assess the results of mastering the educational program;
- methodological materials determining the evaluation procedures of the results of the educational program.

The program of the state final certification is presented in Appendix 6.

## **14. Actual resource support for the implementation of the Educational Program**

### **14.1 Information about the staffing support of BPEP**

The requirements for the staffing of the educational program are defined in accordance with the FSES of Higher Education in the specialty 31.05.01 Medical Business (specialist's level).

The proportion of full-time scientific and pedagogical staff (converted to integer rates) is 76.08% of the total number of scientific and pedagogical staff of the organization.

The implementation of the educational program is provided by scientific and pedagogical staff with basic education, relevant to the profile of the taught discipline, the share of which in the total number of scientific and pedagogical staff is 93.26%.

The share of teaching staff with academic degrees and (or) academic titles is 77.39%; the share of scientific and pedagogical staff from among the managers and employees of organizations, whose activities are related to the focus of the implemented program in the total number of employees implementing the program meets the requirements of the Federal State Educational Standard of Higher Education in the field of training 31.05.01 "General Medicine" (level of specialist), approved by the Ministry of Education and Science of the Russian Federation from 12.08.2020 № 98

General management of the content of the specialty program 31.05.01 Medical Medicine is carried out by V.V. Usov, doctor of medical sciences, professor of the Department of Clinical Medicine of the School of Medicine, surgeon of the highest medical category.

Information about the staffing of the educational program is presented in Appendix 7.

#### **14.2 Information about the availability of printed and electronic educational and informational resources on the educational program**

The requirements for the provision of the educational and methodological documentation are determined in accordance with the FSES of Higher Education in the field of training 31.05.01 General Medicine (level of specialist).

The program is supplied with electronic editions of the main educational literature published during the last 5 years for the humanities, social and economic disciplines, and 10 years for the technical, mathematical and natural sciences disciplines. All publications of basic literature are available to students in electronic library systems (electronic libraries), formed on the basis of direct contractual relations with the right holders.

The electronic library system (electronic library) and the electronic information and educational environment provide simultaneous 100 percent access to students on the program of specialization. Students are provided with access (including remote) to modern professional databases and information reference systems, the composition of which is determined in the working programs of disciplines (modules).

Students with disabilities are provided with electronic educational resources in forms adapted to the limitations of their health.

Information about the availability of printed and electronic educational and informational resources necessary to ensure the educational process is presented in the form of a table in Appendix 8.

### **14.3 Information about the material and technical support of the Educational Program**

FEFU has sufficient facilities for lecture-type classes, seminar-type classes, group and individual consultations, current monitoring and interim certification, as well as rooms for independent work and rooms for storage and preventive maintenance of educational equipment. Special rooms are equipped with specialized furniture and technical means of instruction.

Classrooms for lectures are equipped with multimedia equipment.

The list of material and technical support, necessary for the implementation of the specialization program includes laboratories equipped with laboratory equipment, depending on the degree of complexity.

The rooms for independent work of students are equipped with computers with the ability to connect to the Internet and access to the electronic information



and educational environment of the organization. Students and scientific and pedagogical staff are provided with access (remote access) to modern professional databases (including international abstract databases of scientific publications) and information reference systems.

The University is provided with the necessary set of licensed software (the list is defined in the working programs of disciplines).

All rooms correspond to the current sanitary and fire safety rules and norms.

Information about the material and technical support of the main educational program, including information about the availability of equipped classrooms, facilities for practical training with a list of basic equipment, physical education and sports facilities, are presented in the form of a table in Appendix 9.

#### **14.4 Financial conditions for the implementation of the specialty program**

Financial support for the implementation of a specialist program is carried out in an amount not less than the basic standard costs for the provision of public services in the field of education for a given level of education and training, taking into account the adjustment factors, taking into account the specifics of educational programs in accordance with the Methodology for determining the standard costs of providing public services for the implementation of educational programs of higher education by specialties (areas of training) and groups of specialties (areas of training), approved by Order of the Ministry of Education and Science of the Russian Federation of October 30, 2015 N 1272 (registered by the Ministry of Justice of the Russian Federation November 30, 2015, registration N 39898).

Head of the EP  
Professor



V.V. Usov

Assistant Director  
for academic work  
School of Medicine



E.R. Dvoynikova