

Ministry of Education and Science of Russian Federation
Federal State Budgetary Educational Institution of Higher Education
« Pitirim Sorokin Syktyvkar State University»
(FSGFEI HE «SyktSU»)

APPROVE

by the decision of the Academic Council
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**MAJOR PROFESSIONAL DEGREE PROGRAM
OF HIGHER EDUCATION**

degree / speciality

31.05.01 "General Medicine"

professional direction

General Medicine

Qualification - Physician

(partially implemented in a foreign language)

Syktyvkar 2018

CONTENT

1. General regulation
2. Characteristics of the professional activities of the graduate
3. The results of achievement the degree program
4. The structure of the degree program
5. Conditions for the implementation of the degree program
6. Features of the educational process for people with disabilities

1. General regulation

1.1. Major professional degree program of higher education (henceforward–MPDP) formed in accordance with the legislation of the Russian Federation, including the federal state educational standard of higher education in degree / specialty 31.05.01 "General Medicine" (hereinafter - the Federal State Educational Standard for Higher Education), approved by Order of the Ministry of Education and Science of the Russian Federation dated 09.02.2016 No. 95; taking into account the professional standard "Physician", approved. Ministry of Labor of the Russian Federation of March 21, 2017 N 293H.

1.2. Education on MPDP can be carried out in full-time education

1.3. Term of apprenticeship:

– intramural –6 years;

– for studying according to an individual plan - it is established by the university, but no more than term of apprenticeship that established for the appropriate form of education;

– for studying according to the individual plan of persons with disabilities, it is established by the university.

1.4. The content of MPDP is 360 credits, regardless of the form of studies, educational technologies, the implementation of MPDP according to an individual plan.

The content of face-to-face learning is determined by the requirements of the Federal State Educational Standard of Higher Education in degree / specialty 31.05.01 General Medicine, local acts of the university, as well as the plan regarding face-to-face learning during studies sessions.

1.5. Educational activities in MPDP are conduct in the state language of the Russian Federation.

1.6. The MPDP may be partially implemented in a foreign language.

1.7. The MPDP can be partially implemented using e-learning, distance learning technologies.

2. Characteristics of the professional activities of the graduate

2.1. The professional activity of graduates who master skills MPDP includes: protecting the health of citizens by ensuring the provision of medical care in accordance with established requirements and standards in healthcare.

2.2. The objects of professional activity of graduates who master skills MPDP are:

- individuals (patients);
- population;
- a set of tools and technologies aimed at creating conditions for protecting the health of citizens.

2.3. Types of professional activity for which graduates who master skills MPDP are preparing:

- medical,
- organizational and managerial,
- scientific and research .

2.4. A graduate who has mastered the degree program should be ready to solve the following professional tasks:

medical activity:

-prevention of diseases in the population through preventive and anti-epidemic measures;

-performing routine medical examinations, medical examinations, dispensary observation;

– collection and medical and statistical analysis of information on the health indicators of the population of different age and sex groups characterizing their state of health;

– diagnosis of diseases and pathological conditions of patients;

– diagnostics of medical emergencies;

– pregnancy diagnostics;

– examination of temporary incapacity to work and participation in other types of medical examination;

– provision of primary health care in outpatient and day-care settings;

- provision of primary medical care in case of sudden acute diseases, conditions, exacerbation of chronic diseases, which are not accompanied by danger to patient 's life and do not require emergency medical care;

- participation in emergency medical care for conditions requiring urgent medical intervention;

- provision of medical assistance in emergency situations, including participation in medical evacuation;

- participation in medical rehabilitation and sanatorium treatment;

- creating motivation among the population, patients and their families aimed at preserving and improving their health and those of others;

- training of patients in basic hygiene activities of a health-improving nature that contribute to prevention.

organizational and managerial activity:

- maintenance of medical documentation in medical organizations;

- organization of medical examination;

- participation in the organization of an assessment of quality evaluation of medical care for patients;

- compliance with basic information security requirements;

scientific and research activity:

- analysis of scientific articles and official statistical surveys, participation in statistical analysis and public presentation of the results;

- participation in the solution of individual research and scientific and applied problems in the field of health in the field of diagnosis, treatment, medical rehabilitation and prevention.

2.5. According to the professional standard, the graduate must own the following generic labor functions and labor functions.

Table. Correlation between requirements of FSES HE and professional standard

Requirements FSES HE	Requirements professional standard	
<i>Professional tasks</i>	<i>The generalized labor functions</i>	<i>The labor functions</i>
Prevention of diseases in the population through preventive and anti-epidemic measures;	Provision of primary health care to adults in outpatient settings without round-the-clock medical	Providing medical care to the patient in urgent or emergency forms.

<p>performing routine medical examinations, medical examinations, dispensary observation; collection and medical and statistical analysis of information on the health indicators of the population of different age and sex groups, which characterize their state of health; diagnosis of diseases and pathological conditions of patients; diagnostics of medical emergencies; pregnancy diagnostics; examination of temporary incapacity to work and participation in other types of medical examination; pProvision of primary medical care in outpatient and day-care settings; provision of primary medical care in case of sudden acute diseases, conditions, exacerbation of chronic diseases, which are not accompanied by threat to the patient 's life and do not require emergency medical care; participation in emergency medical care for conditions requiring urgent medical intervention; provision of medical assistance in emergency situations, including participation in medical evacuation; participation in medical rehabilitation and sanatorium treatment; creating motivation among the population, patients and their families aimed at preserving and improving their health and those of others; training of patients in basic hygiene activities of a health-improving nature that contribute to the prevention of disease and the promotion of health</p>	<p>supervision and treatment, including home care and calling a doctor</p>	<p>Examination of the patient for diagnosis. Administration of treatment and control of its effectiveness and safety. Implementation and monitoring of the effectiveness of medical rehabilitation of the patient, including in the implementation of individual rehabilitation or habilitation programmes for persons with disabilities, assessment of the patient 's ability to carry out work activities. Carrying out and monitoring the effectiveness of measures to prevent and promote healthy lifestyles and sanitary and hygienic education of the population. Maintenance of medical records and organization of activities of medical personnel at the disposal.</p>
	<p>Provision of primary health care to adults in outpatient settings without round-the-clock medical supervision and treatment, including home care and calling a</p>	<p>Providing medical care to the patient in urgent or emergency forms. Implementation and monitoring of the effectiveness of medical</p>

	doctor.	<p>rehabilitation of the patient, including in the implementation of individual rehabilitation or habilitation programmes for persons with disabilities, assessment of the patient 's ability to carry out work activities.</p> <p>Carrying out and monitoring the effectiveness of measures to prevent and promote healthy lifestyles and sanitary and hygienic education of the population.</p> <p>Maintenance of medical records and organization of activities of medical personnel at the disposal.</p>
	Provision of primary health care to adults in outpatient settings without round-the-clock medical supervision and treatment, including home care and calling a doctor.	<p>Providing medical care to the patient in urgent or emergency forms.</p> <p>Carrying out and monitoring the effectiveness of measures to prevent and promote healthy lifestyles and sanitary and hygienic education of the population.</p>

3. The results of achievement the degree program

3.1. As a result of master skills MPDP, the graduate should form general cultural, general professional and professional competencies.

3.2. The graduate who master skills MPDP should have the following general cultural competences (GCC):

- capacity for abstract thinking, analysis, synthesis (GCC -1);
- the ability to use the foundations of philosophical knowledge to shape a worldview (GCC -2);
- ability to analyse the main stages and patterns of the historical development of society for the formation of a civic position (GCC -3);
- ability to act in non-standard situations and to bear social and ethical responsibility for decisions taken (GCC -4);

- readiness for self-development, self-realization, self-education, use of creative potential (GCC -5);

- ability to use methods and means of physical culture to ensure full social and professional activity (GCC -6);

- readiness to use first aid techniques, methods of protection in emergency situations (GCC -7);

- readiness to work in the collective, tolerance of social, ethnic, confessional and cultural differences (GCC -8).

3.3. The graduate who master skills MPDP should have the following general professional competences (GPC):

- problem-solving ability standard tasks of professional activity using information, bibliographic resources, biomedical terminology, information and communication technologies and taking into account the basic requirements of information security (GPC-1);

- readiness for communication in oral and written forms in Russian and foreign languages to solve the problems of professional activity (GPC-2);

- the ability to use the basics of economic and legal knowledge in professional activities (GPC-3);

- ability and willingness to implement ethical and deontological principles in professional activities (GPC-4);

- the ability and willingness to analyze the results of their own activities to prevent professional errors (GPC-5);

- willingness to maintain medical documentation (GPC-6);

- readiness to use basic physicochemical, mathematical and other natural science concepts and methods in solving professional problems (GPC-7);

- readiness for medical use of drugs and other substances and their combinations in solving professional problems (GPC-8);

- ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems (GPC-9);

- readiness to ensure the organization of patient care and the provision of primary pre-medical care (DIC-10);

- readiness for the use of medical devices provided for by the medical care procedures (GPC-11).

3.4. The graduate who master skills MPDP should have the following professional competencies (PC):

medical activity:

- ability and willingness to implement a number of measures aimed at maintaining and improving health that include the formation of a healthy lifestyle, preventing the onset and (or) spread of diseases, their early diagnosis, identifying the causes and conditions of their occurrence and development, as well as aimed at elimination of the harmful effects of environmental factors on human health (PC-1);

- ability and willingness to conduct preventive medical examinations, clinical examination and the implementation of clinical supervision (PC-2);

- ability and willingness to conduct anti-epidemic measures, organize the protection of the population in focus of infection, with the deterioration of the radiation situation, natural disasters and other emergencies (PC-3);

- ability and willingness to use socio-hygienic methods of collecting and medico-statistical analysis of indicators of public health (PC-4);

- readiness to collect and analyze patient complaints, their clinical chart, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the condition or establish the presence or absence of a disease (PC-5);

- ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Health Problems and their revision (PC-6);

- willingness to conduct an examination of temporary disability, participate in a medical and social examination, and state biological death of a person (PC-7);

- ability to determine patient surveillance with various nosological forms (PC-8);

- willingness to manage and treat patients with various nosological forms on an outpatient basis and in an inpatient setting (PC-9);

- willingness to provide medical care for acute diseases, conditions, exacerbation of chronic diseases that are not accompanied by a threat to the patient's life and do not require emergency medical care (PC-10);

- willingness to participate in the provision of emergency medical care in conditions requiring urgent medical intervention (PC-11);

- readiness for physiological pregnancy, childbirth (PC-12);

- willingness to participate in the provision of medical care in emergency situations, including participation in medical evacuation (PC-13);

- willingness to determine the need for the use of natural healing factors, drug, non-drug therapy and other methods in patients in need of medical rehabilitation and spa treatment (PC-14);

- readiness to educate patients and their relatives on the basic hygiene measures of a health-improving nature, self-monitoring skills of basic physiological indicators that contribute to maintaining and strengthening health, and preventing disease (PC-15);

- readiness for educational activities to eliminate risk factors and the formation of healthy lifestyle (PC-16).

organizational and managerial activity:

- ability to apply the basic principles of organization and management in the field of protecting the health of citizens in medical organizations and their structural divisions (PC-17),

- willingness to participate in assessing quality evaluation by using basic medical and statistical indicators (PC-18);

- ability to organize medical care in emergency situations, including medical evacuation (PC-19).

scientific and research activity:

- readiness for analysis and public presentation of medical information based on evidence-based medicine (PC-20);

- ability to participate in scientific research (PC-21);

- willingness to participate in the introduction of new methods and techniques aimed at protecting the health of citizens (PC-22).

3.5. The assignment of competencies to academic courses (modules), practices, final (state final) certification, and other types of educational activity is recorded in the competency map included in curriculum of the degree program/

4. The structure of the degree program

structure of the degree program		volume of the degree program in credits
Unit 1	Courses (modules)	327
	Basic part	291
	Elective part	36
Unit 2	Practices	30
	Basic part	30
Unit 3	Final (state final) certification	3
	Basic part	3
volume of the degree program		360

4.1. Unit 1 «Courses (modules)» includes courses (modules) related to the basic part of the degree program, and courses (modules) related to its elective part.

The list of courses (modules) related to the basic part of the degree program and courses (modules) related to the elective part of the degree program are recorded in the curriculum of one.

Information on content of the courses (modules), their volume, planned learning outcomes in the courses (modules) that ensure achievement of planned results of mastering the degree program, information and material and technical support, assessment tools and teaching materials are recorded in programs of the courses (modules).

4.2. Unit 2 «Practices» refers to the elective part of the educational program.

Information about the types, content and volume of practices, planned outcomes of internships, ensuring achievement of planned results of mastering the degree program,

information and material support, assessment tools and teaching materials are recorded in the curriculum and practice programs.

4.3. Unit 3 «Final (state final) certification», который в полном объеме относится к базовой части программы.

Final (state final) certification is carried out in the form of a state exam, that includes three stages:

- checking the level of development of practical skills;
- checking the level of theoretical preparedness by means of a test exam;
- interview - solving clinical situational problems.

Information on the procedure for conducting final (state final) certification, assessment tools and methodological materials is recorded in the program of final (state final) certification.

5. Conditions for the implementation of the degree program

5.1. Staff assistance for implementation of the degree program.

The implementation of the degree program is provided by the leading and academic staff of the University, as well as by persons involved in the implementation of the degree program on terms of a civil law contract (if necessary).

Доля научно-педагогических работников (в приведенных к целочисленным значениям ставок), имеющих образование, соответствующее профилю преподаваемой дисциплины (модуля), в общем числе научно-педагогических работников, реализующих ОПОП, составляет не менее 70%.

The share of academic staff (in reduced to integer rates) who have an education that corresponds to profile of a course (module), in the total number of academic staff of MPDP, is at least 70%.

The share of academic staff (in reduced to integer rates) who have a degree (including a degree awarded abroad and recognized in the Russian Federation) and (or) academic rank (including academic rank obtained abroad and recognized in the Russian Federation), in the total number of academic staff implementing MPDP, is at least 65%.

The share of staff (in integer-valued rates) among the heads and employees of organizations whose activities are related to orientation (profile) of the degree program

(with at least 3 years of work experience in this professional field) in the total number of employees implementing MPDP is not less than 10%.

5.2. Logistic support and learning and teaching support material MPDP.

Logistic support is represented by special rooms (classrooms for lecture, seminar, course design, group and individual consultations, ongoing monitoring and intermediate certification), equipped with specialized furniture and technical support, which serve to present large IT room, laboratories (if necessary) equipped with laboratory equipment, depending on the degree of complexity, a room for independent work, equipped with computers with Internet and providing access to the University's electronic education and a room for storage and preventive maintenance of training equipment.

MPDP provided with necessary number of licensed software, composition of that is defined in academic course working program and it is updated annually.

The applied electronic library and IT environment for education provide simultaneous access to at least 25% of students in the degree program.

Students are provided with access (remote access) to new professional databases and information reference systems, composition of which is defined in academic course working program and it is updated annually.

Students from among persons with disabilities (if any) are provided with printed and (or) electronic educational resources in forms adapted to their health.

5.3. Financial conditions for implementation of the MPDP.

Financial support for implementation of the MPDP should be an amount not lower than the basic costs established by the Ministry of Education and Science of the Russian Federation for provision of public services in the field of education for a given level of education and direction of training, taking into account correcting coefficients for basic regulatory costs.

6. Features of the educational process for people with disabilities

6.1. Conditions for educational process are created for students with disabilities taking into account the peculiarities of psychophysical development, individual capabilities and the state of health of these students.

6.2. If it's necessary, for students with disabilities on the basis of this MPDP and in accordance with local regulations of the university, an adapted MPDP is developed. For disabled people, an adapted program is formed in accordance with an individual rehabilitation program for a disabled person.