MINISTRY OF EDUCATION AND SCIENCE OF THE KYRGYZ REPUBLIC
MINISTRY OF HEALTH OF THE KYRGYZ REPUBLIC
SCIENTIFIC RESEARCH MEDICAL SOCIAL INSTITUTE

APPROVED
at a meeting of the Academic Council
"Scientific research medical social institute"
Protocol No. 22/01 **29.08.2022y** .

I APPROVE
/Rector of the "Scientific research medical social institute" K.B. Lampagarov
29.08.2022

MAIN EDUCATIONAL PROGRAM

Direction of training (specialty): 560001 General Medicine

Qualification: ***Medical doctor***

Normative term of study - 5 years on the basis of 12 years of basic secondary education

Full-time form of education

Jalal-Abad 2022

CONTENT

The composition of the working group on the development of the MEP

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2. Vice-Rector PhD Associate Professor — Orozov R. N
3. Vice-Rector for Science — Narbaev M.R.
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MEP HPE was considered and approved at the meeting of the SRMSI academic council Protocol No. 2 dated 28.08.2022

Reviewers:

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Section 1. GENERAL PROVISIONS

1.1. General characteristics of the main educational program

The main educational program of higher professional education (hereinafter - BEP HPE). implemented in the institution "Scientific research medical social institute" (hereinafter - the Institute) in the specialty 560001 "General Medicine ", is a set of documents developed and approved by the university, taking into account the requirements of the labor market on the basis of the state educational standard of higher professional education (hereinafter - SES HPE) in the relevant specialty.

BEP HPE regulates the goals, expected results, content, conditions and technologies for the implementation of the educational process, assessment of the quality of graduate training in this specialty and includes: curriculum, work programs of training courses, disciplines (modules) and other materials that ensure the quality of training of students, as well as programs of educational and industrial practices, a calendar study schedule, a program of research work for students and methodological materials that ensure the implementation of relevant educational technologies.

To determine the structure of the BEP of HPE and the complexity of its development, a credit (credit units) system is used. A credit is a unified unit for measuring the labor intensity of a student's workload, including all types of his educational activities provided for by the curriculum.

SRMSI can apply a form of organization of educational activities based on the modular principle of presenting the content of the BEP HPE and building curricula, using appropriate educational technologies.

BEP HPE regulates the goals, expected results, content, conditions and technologies for the implementation of the educational process, the assessment of the quality of training of a graduate in the specialty 560001 " General Medicine".

1.2. Terms, definitions, designations, abbreviations

The main educational program uses terms and definitions in accordance with the Law of the Kyrgyz Republic "On Education" and international documents in the field of higher professional education adopted by the Kyrgyz Republic in the prescribed manner:

main educational program - a set of educational and methodological documentation regulating the goals, expected results, content and organization of the implementation of the educational process for the given direction of training (specialty) of higher professional education;

direction of training - a set of educational programs for training personnel with higher professional education (specialists) of various profiles , integrated on the basis of the commonality of fundamental training: *profile* - the focus of the main professional educational program on a specific type and (or) object of professional activity *cycle of disciplines* - part of the educational program or set academic disciplines that have a certain logical completeness in relation to the established goals, the results of training and education;

module - a part of an academic discipline that has a certain logical completeness in relation to the established goals and results of training, education;

competence - a dynamic combination of personal qualities, knowledge, skills and abilities necessary for professional activities in the specialty 560001 "General Medicine";

credit (credit unit) - a conditional measure of the labor intensity of the main professional educational program;

learning outcomes - competencies acquired as a result of training in the main educational program / module.

The following abbreviations are used in this core curriculum:

SES - State Educational Standard;

HPE - higher professional education;

BEP - Basic Educational Program;

EMA - educational and methodological associations;

CDMEP - a cycle of disciplines of the main educational program;

GSC - general scientific competencies;

IC - instrumental competencies;

SPGCC -social-personal and general cultural competencies;

PC - professional competencies;

CCS - courses at the choice of students;

EMC - educational and methodical complex

1.3. Requirements for the applicant

The rules for admission to the specialty 560001 "General Medicine" of foreign citizens are formed annually on the basis of the "Procedure for admission to higher educational institutions of the Kyrgyz Republic. approved by the Decree of the Government of the Kyrgyz Republic dated May 27, 2011 No. 256.

The level of education of an applicant applying for higher professional education with the qualification “Medical Doctor " is a 12-year secondary education.

Foreign citizens are required to present the original document of education to the selection committee . Examination of documents of foreign citizens is carried out in the Ministry of Education and Science of the Kyrgyz Republic. Applicants without providing a certificate of compliance with the level of education content issued by the Ministry of Education and Science of the Kyrgyz Republic (as amended by the Decree of the Government of the Kyrgyz Republic dated March 28, 2018 No. 157). are not allowed to enroll.

The applicant must have a state document on secondary general education or secondary/higher professional education.

The rules for admission to the specialty 560001 "General Medicine" are formed annually on the basis of the "Procedure for admission to higher educational institutions of the Kyrgyz Republic" approved by the Decree of the Government of the Kyrgyz Republic dated May 27, 2011 No. 256 and the "Rules for the admission of applicants to the Institution "Scientific research medical social institute " approved by the rector

1.4. Regulatory documents for the development of BEP HPE

1. Law of the Kyrgyz Republic "On Education" dated April 30, 2003 No. 92;

2. Regulations on the educational organization of higher professional education of the Kyrgyz Republic, approved by the Decree of the Government of the Kyrgyz Republic dated February 3 , 2004 No. 53;

3. Normative legal acts regulating the activities of educational organizations of higher and secondary vocational education of the Kyrgyz Republic, approved by the Decree of the Government of the Kyrgyz Republic dated May 29, 2012 No. 346;

4. Charter of the Institution "Scientific research medical social institute", approved by the decision of the founders on May 21, 2019 and registered by the Ministry of Justice of the Kyrgyz Republic on June 12, 2019;

5. Order of the Ministry of Education and Science of Kyrgyz Republic "On approval of state educational standards of higher professional education" dated July 30, 2021 No. 1357/1;

6. State educational standard of higher professional education in the direction of training (specialty) 560001 "General Medicine", approved by order of the Ministry of Education and Science of the Kyrgyz Republic dated July 30, 2021 No. 1357/1;

7. Decree of the Government of the Kyrgyz Republic "On approval of the Interim Regulation on the procedure for licensing educational activities of the Kyrgyz Republic" (dated July 23, 2018 No. 334);

8. Regulations on the main educational program of HPE;

9. Regulations on the current control of academic performance and intermediate certification;

10. Regulations on independent work of students;

11. Regulations on the final state certification of graduates of higher educational institutions of the Kyrgyz Republic (approved by the Decree of the Government of the Kyrgyz Republic dated May 29, 2012 No. 346);

12. Regulations on the State Final Attestation;

13. Regulations on computer testing;

14. Regulations on the industrial practice of students.

Section 2. GENERAL CHARACTERISTICS OF THE SPECIALTY

560001 General Medicine

In the Kyrgyz Republic, the State Educational Standard of Higher Professional Education is being implemented in the specialty 560001 "General Medicine". Upon mastering the BEP HPE and successfully passing the state final certification, in the prescribed manner, a diploma of higher professional education is issued with the qualification “ Medical doctor ".

A graduate in the specialty 560001 " General Medicine " must be ready for postgraduate education in clinical disciplines. He has the right to take

medical positions not related to independent management of patients, as well as to engage in research and teaching (assistant of the department) activities in theoretical and fundamental areas of medicine.

2.1. Standard term of development of the BEP

normative term for the development of the BEP of HPE in the specialty 560001 " General Medicine" on the basis of secondary general or secondary / higher vocational education only with full-time education is 5 years .

2.2. The total complexity of the development of OOP

The total labor intensity of mastering the BEP is 320 credits (credit units).

The labor intensity of the BEP HPE for the academic year is 64 credits. The labor intensity of one semester is equal to 32 credits with a two-semester structure of the educational process. Taking into account the sequence of disciplines in the curriculum, the university has the right to vary the labor intensity of one semester of 32 credits, without exceeding the established

64 credits in the academic year. One credit (credit unit) is equivalent to 30 hours of student work (including classroom, independent work and all types of certification). The total duration of 2- hour classes is 90 minutes. The academic year ends on time, according to the curriculum and calendar schedules of the university. The total amount of vacation time in the academic year is 7-10 weeks, including at least two weeks in the winter . The maximum amount of study load for students per week is set by the State Educational Standard of the Higher Professional Education and is 45 hours. When carrying out educational activities in the BEP, the Institute provides:

- implementation of disciplines (modules) through training sessions (including ongoing monitoring of progress and intermediate certification of students); - implementation of practices (including attestation of students) and the state final attestation of students. When organizing the educational activities of the Institute, the modular principle of presenting the BEP HPE and constructing curricula can be used.

2.3. Goals and objectives of the PEP VPO

Based on the SES HPE and the mission of the Institution "Scientific research medical social institute", taking into account the requests of interested parties, the following **goals** of the educational program have been developed:

- in the field of education - preparation of a doctor with general and special competencies, universal and subject-specialized competencies that contribute to his social mobility and stability in the labor market, readiness for postgraduate education with subsequent implementation of professional medical activities in the chosen field;
- personality education - the development of students' purposefulness, organization, diligence, responsibility, citizenship , communication, tolerance, increasing the general culture;

- export of educational services:
- providing highly qualified personnel in the field of medicine both in the domestic and foreign markets.

Tasks of the professional activity of the graduate

A doctor in the specialty 560001 "General Medicine" must solve the following professional tasks in accordance with the types of professional activity:

- *Preventive activities:*

  carrying out preventive and anti -epidemiological measures aimed at preventing the occurrence of diseases; implementation of dispensary observation of the adult population, adolescents and children;

  carrying out sanitary and educational work of the population in order to form a healthy lifestyle.

- *Diagnostic activity:*

  diagnosis of diseases and pathological conditions based on the possession of propaedeutic and laboratory-instrumental research methods;

  diagnosis of emergency conditions in children, adolescents and adults; diagnosis of pregnancy.

- *Therapeutic activities:*

  treatment of patients using therapeutic and surgical methods: management of physiological and pathological pregnancy;

  providing medical assistance to the population in emergency conditions;

  carrying out medical and evacuation measures in an emergency situation and providing medical assistance to the population in extreme conditions of epidemics, in centers of mass destruction;

  organization of work with medications and compliance with the rules for their use and storage.

- *Rehabilitation type of activity:*

  carrying out rehabilitation measures among the adult population, adolescents and children who have undergone a somatic disease, trauma or surgery: the use of physiotherapy exercises, physiotherapy and resort factors in the adult population, adolescents and children, with a preventive purpose and in need of rehabilitation.

- *Educational activity:*

  formation of positive medical behavior among the population, aimed at maintaining and improving the level of health;

  formation in the adult population, adolescents and children of motivation for a healthy lifestyle, including the elimination of bad habits that adversely affect the health of the younger generation;

  training of the adult population, adolescents and children in the main health-improving measures that contribute to the prevention of the occurrence of diseases

and health promotion.

- *Organizational and managerial type of activity:*

knowledge of the healthcare organization system:

maintaining medical records:

creation of favorable conditions for the stay of patients in medical organizations, as well as for the work of medical staff;

business correspondence (memos, reports, letters, etc.).

- *Research activity:*

-analysis of scientific literature;

- planning and conducting scientific research;

-preparation of reports on the specialty;

-introduction of new methods and techniques aimed at protecting public health.

2.4. Field of professional activity of graduates

The field of professional activity of graduates in the specialty 560001 "Medicine" includes: public health protection by ensuring the proper quality of medical care (therapeutic and preventive, medical and social) in accordance with established requirements and standards in the field of healthcare. Graduates can carry out professional activities in other areas (or areas) of professional activity, provided that their level of education and acquired competencies meet the requirements for the qualification of an employee.

2.5. Objects of professional activity of graduates

The objects of professional activity of graduates who have mastered the program of the specialist are:

- individuals (patients);
- population;
- a set of tools and technologies designed to create conditions aimed at maintaining health, ensuring the prevention, diagnosis and treatment of diseases.

Section 3. GENERAL REQUIREMENTS FOR THE CONDITIONS FOR THE IMPLEMENTATION OF THE BEP FOR THE TRAINING OF A SPECIALIST

3.1. Requirements for the structure of the BEP in the specialty

The structure of the PEP in the specialty 560001 "General Medicine" includes the following blocks Block 1 - "Disciplines (modules)";

C.1 - humanitarian, social and economic cycle;

C.2 - mathematical and natural science cycle;

C.Z - professional cycle;

Block 2 - "Practice";

Block 3 - "State final certification".

Each cycle of disciplines has a basic (mandatory) part and a variable one, established by the university.

The basic part is mandatory and ensures the formation of universal and professional competencies established by the State Educational Standards of Higher Professional Education, corresponding to the type (types) of professional activity, to which (which) the educational program is oriented .

The variable part is aimed at expanding and (or) deepening the competencies formed by the basic part of the educational program, at the formation of students' professional competencies established by the SES HPE. and related to the types of professional activities that the educational program is focused on, as well as to the formation of students' competencies established by the institute in addition to the competencies established by the SES HPE (if they are established). The content of the variable part is formed in accordance with the orientation (profile) of the educational program.

The variable part consists of two parts: the university component and disciplines of students' choice .

3.2. Competences to the results of mastering the BEP

The results of mastering the BEP HPE are determined by the competencies acquired by the graduate, i.e. his ability to apply knowledge, skills and personal qualities in accordance with the tasks of professional activity. Graduate in the specialty 560001 " General Medicine" with the qualification of a specialist " Medical doctor " in accordance with the goals of the BEP and the tasks of professional activity specified in paragraph 2.3 .. must have the following competencies:

a) universal:

- **general scientific competencies (GSC):**

GSC -1 - able and ready to analyze socially significant problems and processes, use the methods of natural sciences, mathematics and the humanities in various types of professional and social activities;

GSC -2 - capable and ready to analyze significant political events and trends, to master the basic concepts and patterns of the world historical process, to respect and care for the historical heritage and traditions, to assess the policy of the state, to form a civic position;

GSC -3 - is able and ready to collect, process and interpret, using modern information technologies, the data necessary to form judgments on relevant social, scientific and ethical problems;

GSC -4 - is able and ready to work in a team, tolerantly perceive social, ethical, confessional and cultural differences.

- **instrumental competencies (IC):**

IC-1 - capable and ready to work with computer equipment and software for system and application purposes for solving professional problems;

IC-2 - capable is ready to use information, bibliographic resources and information and communication technologies, taking into account the main resources information security;

IC-3 - capable and ready for written and oral communication on the sovereign! Viennese and official languages, is able to master one of the foreign languages to solve professional problems;

IC-4 - able and willing to use management methods; organize the work of performers; find and make responsible management decisions in the conditions of different opinions and within the framework of their professional competence.

- social-personal and general cultural competencies (SPGCC):

SPGCC-1 - able and ready to implement ethical, deontological and bioethical principles in professional activities;

SPGCC -2 - able and ready to master the techniques of professional communication; build interpersonal relationships, work in a group, constructively resolve conflict situations, tolerantly perceive social, ethnic, confessional and

cultural differences;

SPGCC -3 - capable and ready for continuous professional development, self-knowledge.

self-development, self-actualization; manage your time, plan and organize your activities, build a strategy for personal and professional development and training;

SPGCC -4 - is able and ready to carry out its activities taking into account the moral and legal norms accepted in society, comply with laws and regulations on working with confidential information, bear social and ethical responsibility for

decisions made;

SPGCC -5 - capable and ready for logical and reasoned analysis, for public speech, discussion and debate, for the implementation of educational and educational

activities for cooperation.

b) professional (PC):

- general professional competences:

PC-1 - is able and ready to comply with the rules of medical ethics, laws and regulations on working with confidential information, keep medical secrecy ;

PC-2 - able and ready to analyze the results of their own activities to

prevention of medical errors, while being aware of disciplinary, administrative , civil, criminal liability

PC-3 - able and ready to analyze socially significant problems and processes, use methods of economic relations in the healthcare system;

PC-4 - capable and ready to conduct a pathophysiological analysis of clinical syndromes, substantiate pathogenetically justified methods (principles) of diagnosis, treatment, rehabilitation and prevention among the population, taking into account age and sex groups;

PC-5 - able and willing to conduct and interpret the survey, physical examination, clinical examination, the results of modern laboratory and instrumental

research, write a medical record of an outpatient and inpatient adult and child;

PC-6 - is able and ready to apply aseptic and antiseptic methods, use medical instruments, master the technique of patient care;

PC-7 - capable and ready to work with medical and technical equipment used in working with patients, apply the capabilities of modern information technologies to solve professional problems;

PC-8 - is able and ready to apply modern information on health indicators of the population at the level of health facilities;

PC-9- is able and ready to know the main issues and conduct an examination of working capacity (temporary) and prevention of disability among the adult population and children;

- **preventive activities:**

PC 10 is able and ready to carry out preventive measures to prevent infectious, parasitic and non-infectious diseases.

PC-11 - is able and ready to carry out health education among the population to eliminate modified risk factors for the development of diseases, to give recommendations on healthy nutrition;

PC-12 - is able and ready to select individuals for observation, taking into account the results of mass tuberculin diagnostics and fluorographic examination, to evaluate the results for the purpose of early detection of tuberculosis;

PC-13 - is able and ready to carry out anti-epidemic measures, protect the population in the foci of especially dangerous infections, in case of deterioration of the radiation situation and natural disasters and other emergencies;

- **diagnostic activity:**

PC-14 - capable and ready to make a diagnosis based on the results of biochemical and clinical studies, taking into account the course of pathology in organs, systems and the body as a whole;

PC-15 - able and ready to analyze the patterns of functioning of individual organs and systems, use knowledge of anatomical and physiological features, basic methods of clinical and laboratory examination and assessment of the functional state of the body of an adult and children, for the timely diagnosis of diseases and pathological processes;

PC-16 - is able and ready to use the algorithm for making a diagnosis (main, concomitant, complications) taking into account the ICD, to perform basic diagnostic measures to identify urgent and life-threatening conditions;

- **medical activities:**

PC-17 - able and ready to perform basic therapeutic measures for the most common diseases and conditions in the adult population and children on an outpatient basis and in a hospital setting;

PC-18 - capable and ready 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-19 - able and ready to provide first aid in case of emergency and life-threatening conditions, refer patients for hospitalization in a planned and emergency manner;

PC-20 - capable and ready to provide medical assistance in emergency situations, including those requiring medical evacuation;

PC-21 - able and ready to conduct a physiological pregnancy, delivery;

- **rehabilitation activities:**

PC-22 - able and ready to apply rehabilitation measures (medical, social and professional) among the population with the most common pathological conditions and injuries of the body;

PC-23 - is able and ready to give recommendations on choosing a regimen, determine indications and contraindications for prescribing physical therapy, physiotherapy, non-drug therapy, use the main resort factors in the treatment of adults and children;

- **educational activities:**

PC-24 - capable and ready to train middle and junior medical personnel in the rules of the sanitary and hygienic regime, ethical and deontological principles;

PC-25 - capable and ready to train the population in basic hygiene measures and educational activities to form healthy lifestyle skills;

- **organizational and managerial activities:**

PC-26 - able and ready to use the regulatory documentation adopted in the healthcare of the Kyrgyz Republic, as well as used in international practical medicine;

PC-27 - able and willing to use the knowledge of the structure of healthcare organizations, the system of referral and redirection;

PC-28 - capable and ready to ensure the rational organization of work of middle and junior medical personnel of medical institutions;

PC-29 - capable and ready to assess the quality of medical care using the main medical and statistical indicators;

PC-30 - capable and ready to organize medical care in emergency situations, including medical evacuation;

- **research activities:**

PC-31 - capable and ready to analyze and publicly present medical information based on evidence-based medicine;

PC-32 - capable and ready to plan and conduct scientific research;

PC-33 - capable and ready to introduce new methods and techniques aimed at protecting public health.

3.3. The results of the development of BEP HPE

According to the goals of the BEP HPE, the following learning outcomes *(DR) are identified:*

DR1 - the ability to analyze socially significant problems and political events, to solve professional problems using the basic methods of natural science, mathematics. humanities in professional activities. (**DR** 1=GSC1+ GSC2+ GSC3 + GSC 4+ SPGCC1+ SPGCC 2 +PC3);

DR 2 - the ability to logical and reasoned analysis, the ability to communicate in business in one of the foreign languages using modern communication technologies. (DR2= GSC 4+IC1+ICZ+SPGC2+ SPGC4- SPGC5)

DR 3 - the ability to work in a team based on tolerance, democracy and law, taking into account social, ethnic, confessional and cultural differences. (DR3= + GSC 4+ SPGCC 1+ SPGCC 2+PC-1)

DR 4 - the ability to apply the acquired knowledge in the field of organizational and management activities to solve problems in the conditions of various opinions and within the framework of their professional competence. (DR4= OKZ+IC4+PC26+PC27+PC28)

DR 5 - the ability to use information resources and information and communication technologies , taking into account the basic requirements of information security for solving professional problems. (PO5= GSC3+IC1 + PC7+PC8)

DR 6 - the ability to interpret the results of biochemical and clinical studies when making a diagnosis and choosing a therapeutic approach. (DR6=PC4+PC5+PC14+PC15)

DR 7 - the ability to analyze, transfer and apply knowledge of the forms and methods of sanitary and educational work, to carry out preventive and anti-epidemiological measures aimed at preventing the occurrence of diseases, maintaining and strengthening the health of the population. (DR7=PC 10+PC11+PC12+PC13+PC33)

DR 8 - the ability to analyze and interpret the data obtained, prescribe adequate treatment, provide primary medical care, make decisions in the event of urgent and life-threatening situations. (DR8=PC6+PC 1 3+PC 1 4+PC16 +PC17+PC18+PC19+PC20+PC21+PC30)

DR 9 - the ability to carry out rehabilitation activities among the adult population, adolescents and children who have undergone a somatic disease, trauma or surgery and apply the main issues of the examination of working capacity. (DR9=PC4+PC9+PC22+PC23)

DR 10 - own modern methods of collection and processing of medical and statistical data for the analysis of information on health indicators of the population. (DR10=GSC+PC2+PC5+PC8+PC15+PC29+PC31)

DR 11 - the ability to apply innovative information technologies in professional activities for the purpose of prevention, diagnosis, treatment and rehabilitation. (DR 1=IC2+PC7+PC11+PC22+PC23+PC24+PC25)

DR 12 - **the** ability to analyze and present medical information for conducting research activities based on evidence-based medicine through the introduction of innovative methods and technologies in the field of healthcare (DR12 = GSC3 + IC2 + IC4 + GSC 3 + GSC 5 + PC26 + PC31 + PC32 + PC33)

3.4. Structural matrix of competencies formation

The matrix of compliance of the required competencies and the constituent parts of the BEP HPE in the specialty 560001 "General Medicine" that form them is presented in the **Competence Matrix document.**

3.5. Competence model of a graduate

The graduate model is a system of interrelated competencies of the graduate, which reflects the qualitative content of the BEP, that is, it is a description of what functions he should be prepared to perform and what qualities he possesses.

The graduate model is a framework characteristic of the abilities of a graduate of higher professional education, corresponding to the SES and guaranteeing the implementation of the graduate's professional activities with a given level of quality. The graduate model determines the content and process of implementing the educational program, which means the consistent formation of the required list of competencies among students.

The competence model of a graduate is a set of planned educational goals and results of mastering the BEP. including a list of universal and professional competencies and a description of their structure; a complex integrated image of the final result of education at the university in the direction of training (qualification).

Section 4. DOCUMENTS GOVERNING THE CONTENT AND ORGANIZATION OF THE LEARNING PROCESS DURING THE IMPLEMENTATION OF BLO 560001 "GENERAL MEDICINE"

The content and organization of the educational process in the implementation of the BEP HPE in the specialty 560001 "General Medicine" includes:

- academic plan;
- schedule of the educational process;
- competency matrix;
- annotations of academic disciplines;
- EMC;
- work programs of disciplines;
- fund of appraisal funds;
- practice programs;
- RWS plans;
- SFC program;

methodological materials that ensure the implementation relevant educational program.

4.1. Academic plan

The curriculum for the specialty 560001 "General Medicine", which regulates the educational process, is the main document and is drawn up in accordance with the state educational standard of higher professional education, approved by the Ministry of Education and Science of the Kyrgyz Republic No. 1357/1 dated July 30, 2021 of the year.

The institute uses the following forms of curriculum :

- **The basic curriculum, which** serves to determine the labor intensity of students' educational work for the entire period of study, is developed on the basis of an **exemplary curriculum** approved by the Ministry of Education and Science of the Kyrgyz Republic. The basic curriculum contains a mandatory component (basic and university), regulates the number of credits allocated for the study of compulsory disciplines and disciplines of students' choice, establishes terms and types of practices;

- **A working curriculum that** serves to organize the educational process during a particular academic year (including the calculation of the labor intensity of the educational work of teachers);

- **An individual student's curriculum** that defines his educational program for a semester or academic year.

The curricula display the logical sequence of mastering the cycles and sections of the BEP (disciplines, modules, practices) that ensure the formation of competencies. The total labor intensity of disciplines, modules, practices is indicated in credit units, as well as their total and classroom labor intensity in hours.

According to the curriculum, the duration of the semester is 16-18 weeks. The duration of examination sessions is from one to three weeks.

4.2. Calendar study schedule*

The calendar schedule of the educational process establishes the sequence and duration of theoretical training, examination sessions, practices, final state certification, vacations of students and is formed for the academic year based on the requirements of the State Educational Standard HPE.

4.3. Abstract of the work program of the discipline

The annotation of the work program of the discipline (practice) is its brief description, representing the distinctive features of the academic discipline in terms of the most important attributes of the academic discipline, such as:

- purpose and objectives of studying the discipline;

- competencies formed as a result of mastering the discipline, as well as knowledge, skills and abilities obtained in the process of studying it.

4.4. Educational and methodological complexes of disciplines (EMC)

The educational and methodological complex of the discipline, which includes work programs, is an obligatory part of the main educational program

EMC is compiled for each discipline and is a set of educational and methodological documentation used in the process of teaching the discipline.

The development procedure, general requirements for the structure, content, design, approval procedure are regulated by the "Regulations on the educational and methodological complex of the discipline of the BEP HPE of the Institution" Scientific research medical social institute "" approved by the rector.

The requirements for compiling the teaching materials are the same and must be observed by all departments. The departments annually conduct an examination of the teaching materials of the disciplines of the program in terms of content and make a proposal to the Academic Council.

4.5. Organization and conduct of courses at the choice of students (CCS)

The organization of the CCS provides for the formation of additional knowledge in students in individual disciplines, blocks of disciplines or disciplines of specializations.

CCS are offered by the departments taking into account the direction of study (specialty) for each section of the curriculum and are fixed in agreement with the educational management in the working curricula CCS in the sections of the working curriculum in terms of content, as a rule, supplement the compulsory disciplines of these sections.

The volume of credits assigned to elective disciplines is in accordance with state educational standards.

4.6. Organization and conduct of independent work of students

Independent work of students (hereinafter referred to as IWS) is an educational, research and socially significant activity of students aimed at developing general and professional competencies, which is carried out without the direct supervision of a teacher, but with his guidance, advice and control.

Independent work is an integral part of the educational process. In accordance with the requirements of the SES, it should be 50% of the total amount of hours provided for the development of the Basic Professional Education Program in the humanities and natural sciences blocks and 50% in the professional block.

Types of SRS are determined by the requirements of the SES. the content of the academic discipline, the degree of preparedness of students and are approved at the department when developing an educational and methodological complex (work program), academic discipline (module) of the main educational program.

The method of organizing the IWS depends on the structure, nature and characteristics of the discipline being studied, the amount of hours for its study, the type of tasks for independent work of students and the conditions of educational activity.

The organization of the IWS should be aimed at the fulfillment of all planned tasks by all students on time and with the required level of quality, which is a necessary condition for the formation of self-discipline and self-control skills.

IWS planning is carried out within the framework of each main educational program. The IWS should be accompanied by methodological support and justification of the time spent on its implementation. Thematic plan of the IWS, taking into account the hours

necessary for their implementation, signed in the curriculum, and the types and forms of control of the IWS are established by the department and reflected in the educational and methodological complexes of each discipline (module).

Control over the course and results of the IWS is carried out by the teacher of the discipline systematically, including in the process of conducting classroom classes (lectures, seminars, practical and laboratory). The results of the IWS are evaluated during the current control and are taken into account during the intermediate certification of students in the discipline being studied .

4.7. Organization and conduct of production practices

Industrial practice of students (hereinafter - IP) is the most important part of the educational process in the training of specialists with higher medical education and is a systematic and purposeful activity of students to master practical skills and in-depth consolidation of theoretical knowledge at each stage of education.

The purpose of the internship is to teach students practical skills and prepare them for independent professional activities in their chosen specialty.

All practices are regulated by the "Regulations on industrial practice", approved by the order of the rector. Management, coordination and methodological support of the practice is carried out by the department of industrial practice. Responsible teachers are appointed to guide the practice of students.

The practice is carried out in accordance with the programs developed at the relevant departments for industrial practice, considered by the educational and methodological council (EMC).

When implementing the BEP HPE training of specialists in this specialty, the following types of IP[are provided in the amount of 25 credits:

- Nurse Assistant - 3 semester 3 credits
- emergency medical assistant paramedic -5 semester 4 credits
- hospital physician assistant 8 semester 6 credits
- Physician's assistant of the CSM - 10 semester 10 credits

The bases of production practice are:

- private clinic " Zharmukhamed "
- clinic "Zhamal"
- clinic " Hepomed "
- clinic " Meerim "
- SRMSI clinic

4.8. Research work

Research work is a mandatory section of the BEP of specialist training aimed at the comprehensive formation of general cultural and professional competencies in accordance with the requirements of the State Educational Standard of the Higher Professional Education, approved by the Ministry of Education and Science of the Kyrgyz Republic on July 30, 2021.

Research work in the institution "Scientific research medical social institute" is regulated by the Regulations on PBBF, approved by the rector of the institute.

When developing a research program, a higher educational institution should provide students with the opportunity to:

- study special literature and other scientific and technical information about the achievements of domestic and foreign science and technology in the relevant field knowledge;

-participate in scientific research or technical development;

- collect, process, analyze and systematize scientific and technical information on the topic (task);

- draw up reports (sections of the report) on the topic or its section (stage, task);

- make a presentation at the conference.

In the process of carrying out research work and evaluating its results, a broad discussion should be held in the educational structures of the university with the involvement of employers, which makes it possible to assess the level of competencies formed by the student. It is also necessary to assess the competencies associated with the formation of a professional worldview and determining the level of culture

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4.9. Staffing of the educational process

The implementation of the main educational program for the training of specialists at the institute is provided by teaching staff with a basic education corresponding to the profile of the discipline being taught and systematically engaged in scientific and / or scientific and methodological activities.

The share of full-time teachers in the total number of teachers of the educational program is 80%, and the share of teachers with an academic degree and / or academic title in the total number of teachers in the educational program is 44%, which fully complies with the licensing requirements for the implementation of higher professional education programs.

Up to 44% of the total number of teachers with an academic degree and / or academic title

can be replaced by teachers who have experience of practical work in this area in the positions of managers or leading specialists for more than 10 years.

Thus, the institute has formed a highly qualified teaching staff,

allowing to carry out high-quality training of specialists in the specialty 560001 "General Medicine".

4.10. Educational, methodological and information support of the educational process

Special premises are classrooms for conducting lecture and seminar classes, group and individual consultations, current control and intermediate certification, as well as rooms for independent work and rooms for storage and preventive maintenance of educational equipment. Special rooms are equipped with a specialized model and technical teaching aids that serve to present educational information to a large audience.

For conducting lecture-type classes, sets of demonstration equipment and educational visual aids are offered, providing thematic illustrations corresponding to the exemplary programs of disciplines (modules), working curricula of disciplines (modules).

List of logistics required for the implementation of the BEP. includes laboratories equipped with laboratory equipment depending on the degree of its complexity.

Premises for independent work of students are equipped with computers with the ability to connect to the Internet and provide access to the electronic information and educational environment of the organization.

In the case of the use of e-learning, distance learning technologies, it is allowed to replace specially equipped rooms with their virtual counterparts, allowing students to master the skills and abilities provided for by professional activities.

The Institute is provided with the necessary set of licensed software (the composition is determined in the work programs of disciplines (modules) and is subject to annual renewal).

Students are provided with access (remote access), including in the case of using e-learning, distance learning technologies, to modern professional databases and information reference systems, the composition of which is determined in the work programs of disciplines (modules) and is subject to annual updating.

Students are provided with access to modern professional databases, information reference and search systems.

The total fund of the library is 10380 items in hardcover and more than 139000 in electronic form. On March 2, 2021, the Institute signed an agreement to become a member of the Research 4 life organization of the World Health Organization . Under this agreement, the institute has permanent access *to electronic textbooks*, journals and resource databases " Research 4 life ". The library *fund* includes educational, educational and methodical, scientific in foreign languages, periodicals.

The Institute uses an electronic library system (electronic library). Students are provided with access to modern professional databases , information reference and search systems. The library stock of the institute is completed with printed and/or electronic editions of the main educational literature on the disciplines of general scientific and professional cycles.

Mandatory textbooks and teaching aids are determined by curricula based on the requirements of the State Educational Standard of the Higher Professional Education.

4.11. Logistics of the educational process

The Institute, which implements the main educational programs for the training of specialists, has a material and technical base that ensures the conduct of all types of laboratory, disciplinary and interdisciplinary training, practical and research work of students, provided for by the curriculum of the university and in accordance with the current sanitary and fire rules and regulations.

The minimum list of material and technical support required for the implementation of BEP training of specialists includes: laboratories in physics, chemistry, biochemistry, biology , physiology, microbiology and virology; pharmacology; pathological anatomy; pathophysiology;

- simulation center, anatomical museum;
- specially equipped classrooms and auditoriums for the study of humanitarian and socio-economic disciplines, hygiene, public health and healthcare;
- rooms equipped for receiving and showing patients;
- medical offices equipped with the necessary equipment to work with children and adolescents receiving preventive, diagnostic, therapeutic (therapeutic and surgical) and rehabilitation assistance.

In SRMSI , when using electronic publications, there are more than 40 stationary computers with Internet access, which meets the requirements for the conditions for the implementation of the PEP for the training of a specialist.

When using electronic publications, the Institute provides each student during self-study with a workplace in a computer class with Internet access in accordance with the volume of disciplines studied.

SRMSI is provided with the necessary set of licensed software.

According to the maximum contingent specified in the license, the usable area per student is 9.4 sq.m., which fully complies with the requirements of the Decree of the Government of the Kyrgyz Republic "On Approval of the Temporary Regulations on the Procedure for Licensing Educational Activities of the Kyrgyz Republic" (dated July 23, 2018 No. 334). The occupied total area of the faculty 560001 "Medicine" is about 11318.64 sq m

Section 5

GENERAL CULTURAL (SOCIO-PERSONAL) COMPETENCES OF GRADUATES

The SRMSI institution is an educational, scientific and medical institution

The Institute implements a policy in the field of ensuring guarantees of high-quality, affordable, modern medical education.

The Institute maintains and develops partnerships with a number of foreign institutes and medical institutions. The process of integrating the university into the global educational space is developing through participation in various international scientific and educational programs.

The educational process in the specialty 560001 "General Medicine" is provided for 3 departments. Training of future doctors is carried out by highly qualified scientific and pedagogical staff. 42.3% of teachers have an academic degree, of which 24% are Doctors of Science.

Students are trained in the specialty 560001 "General Medicine", which provides for a five-year basic higher medical education. The socio- cultural environment is created as a result of the implementation of the main directions of educational, upbringing and research activities of the faculty. The socio- cultural environment of the institute ensures the development of social and personal competencies and contributes to the successful completion of the training period by students from obtaining the skills to organize educational and extracurricular work, getting to know the history and culture of our multinational republic, the cultural and scientific traditions of the institute to readiness for professional activities.

The concept of the development of the faculty is the creation of a creative environment in which the potential of the faculty determines the competence of the future graduate. The departments are actively working with student scientific circles, in which future doctors can join scientific work, lay a solid foundation for professional knowledge and skills. Students take an active part in olympiads and other competitions that reveal educational achievements, make presentations at scientific conferences, seminars and round tables. Excellent students and activists of the scientific society of students and young scientists are awarded with diplomas, prizes, scholarships, benefits. The best students after graduation will continue to work as teachers of the institute.

As part of the continuous educational process of a student-oriented learning model for the preparation of qualified medical, scientific and scientific-pedagogical personnel, a student scientific society (SSS) was created at the institute. the purpose of which is to promote the definition of professional opportunities for students at all stages of education to develop their individual abilities; creation of conditions for professionally oriented growth; and promotion of creative attitude to one's own

professions through research and innovation activities in accordance with the principle of the unity of science and practice: involvement in targeted research work. SSS conducts organizational and methodological work to improve the efficiency of scientific circles of departments; informs students and young scientists about scientific events at various levels; organizes and conducts scientific and scientific-practical events. The student scientific society unites students engaged in scientific activities, promotes the exchange of scientific information, organizes scientific groups in various areas, and also helps to interact with the administrative structures of the university. Student scientific conferences are held annually. Participation in conferences contributes to the formation of readiness for logical and reasoned analysis, discussion and polemics, for editing texts of professional content, for cooperation and conflict resolution, for tolerance .

The main goal of the education system at the faculty, both in extracurricular time and in the learning process, is the formation of socially mature citizens and specialists who are able to work effectively in modern socio-economic conditions. All departments participate in the development of a common culture of students. Particular attention is paid to the formation of the ability and willingness to carry out their activities, taking into account the moral and legal norms accepted in society, compliance with the rules of professional ethics and deontology, laws and regulations on working with confidential information, keeping medical secrets.

For extracurricular work at the university, the functionally responsible person is the vice-rector for educational work. The purpose of educational work is to improve work with youth, cultural, creative, civil-patriotic, spiritual and moral education of students, the practical application of cooperative principles of mutual assistance, honesty, social responsibility, democracy, justice and equality.

The institute annually holds sports and athletics competitions in various sports, inter-institutional sports competitions.

In order to encourage excellent study, active participation in the social, scientific and sports life of the institute, students are presented for the provision of tuition fees in the amount of 10% to 100%.

Sociocultural competencies of students are formed in close cooperation with the curators of the groups. The main role in the educational process is assigned to the curators of groups in the job description of which one of the main functions is defined - carrying out educational work among students. The participation of curators in educational work is reflected in the individual plans and reports of the departments. Students organize charitable events, the proceeds from which are sent to orphanages.

In order to study the process of adaptation of first-year students, an annual survey of first- year students on student life and creative interests is conducted. Much attention is paid to the issues of civil-patriotic, cultural , moral and aesthetic education: preparation and holding of events such as International Student Day, Nooruz , Victory Day, visits to exhibitions, theaters and museums, excursions, etc.

Thus, the institute has the necessary capabilities to create conditions for the formation of general cultural (social-personal) competencies of students.

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Section 6 _ _

6.1. Funds of assessment funds for current, midterm monitoring of academic performance and intermediate certification

The fund of assessment tools is a set of methodological and control and measuring materials intended for assessing competencies at different stages of student education, as well as for attestation tests of graduates for compliance (or non-compliance) with the level of their training with the requirements of the State Educational Standards in the direction of specialty training.

FAT includes control and evaluation materials for current control, midterm and final attestation of students (in the disciplines included in the final state attestation program).

Normative and methodological support of the current, midterm performance control and intermediate certification of students in the BEP HPE is carried out in accordance with the "Regulations on the MRSE", approved by the rector.

The FOS is formed on the basis of the key principles of assessment:

- validity (objects of assessment should correspond to the set learning objectives);
- reliability (use of uniform standards and criteria for evaluating achievements);
- fairness (different students should have equal opportunities to succeed);
- timeliness (maintenance of developing feedback);
- efficiency (correspondence of the performance results to the tasks set).

Midterm control - checking the completeness of knowledge and skills on the material of the module as a whole. The implementation of modular control tasks is carried out in writing or test form in a computer class.

Intermediate certification, as a rule, is carried out at the end of the semester and can complete both the study of a separate discipline and its section.

6.2. The procedure and organization for assessing the quality of mastering the educational program by students

In SRMSI, the assessment of the quality of mastering the educational program by students is ensured by implementing the following areas:

creation of a quality management system for the educational process;

- monitoring the updating and reviewing of work programs in disciplines;
- ensuring the professionalism and competence of the teaching staff;

- regular internal audit according to agreed criteria for evaluating activities and comparing the quality indicators of the educational process with other medical educational institutions (with the involvement of representatives of the employer);

-In accordance with the State Educational Standard of the Higher Professional Education in the specialty 560001 "General Medicine ", the assessment of the quality of mastering the basic educational programs by students includes ongoing monitoring of progress, intermediate and state final certification of students. Current, milestone and intermediate certifications serve as the main means of providing feedback between the teacher and the student in the educational process, which is necessary to stimulate the work of students and improve the methods of teaching academic disciplines

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The current control of the student is a check of the assimilation of educational material, regularly carried out throughout the semester. The forms of ongoing monitoring of progress include:

- oral questioning;
- testing (written or computer);
- checking the completion of written homework assignments;
- protection of laboratory work;
- assessment of the level of mastering practical skills;
- assessment of the implementation of abstracts, reports, case histories, etc.;
- control of work with biological material;

-other forms of control.

The midterm control (delivery of modules) is carried out by the teacher and is a written control or computer testing of knowledge on theoretical material.

The final control is carried out in the forms and within the time limits established by the curriculum and the schedule of the educational process with the aim of a comprehensive and objective assessment of the quality of mastering the academic discipline. The forms of intermediate certification of students include:

- discipline exam;
- offset (differentiated);
- certification based on the results of practice;

For carrying out boundary and final control of knowledge of the student at institute the Information system eBilim is used . Test questions for conducting tests in the disciplines of the educational program are loaded into the "Testing" database. All test questions are also available in hard copy, approved and signed by external experts.

The test is a form of final verification of students' mastery of theoretical material and practical skills in the academic discipline, as well as a form of verification of the results of the internship. In accordance with the working curricula of specialties, credits can be established both for the subject as a whole, and for its individual parts. Tests are held after the completion of all types of training sessions provided for by the curriculum in the relevant discipline before the start of the examination session.

The exam is a form of final verification of students' mastery of theoretical material and practical skills in the academic discipline. Exams are taken during the periods of examination sessions provided for by the curricula. The list of examinations and tests, as well as the period of their conduct, are established by the curriculum . In all departments, in accordance with the ongoing changes, educational and methodological complexes of disciplines are regularly updated .

State final certification of graduates

The state final certification of a graduate of a higher educational institution is mandatory and is carried out after he has mastered the educational program in full.

The final attestation tests are designed to determine the practical and theoretical readiness of a graduate to perform professional tasks established by the state educational standard, and continue education in residency or postgraduate studies in theoretical areas of medicine.

The student must show his ability and readiness, relying on the acquired in-depth knowledge, skills and formed general cultural and professional competencies, to independently solve the tasks of his professional activity at the modern level, professionally present special information, scientifically argue and defend his point of view.

Tickets and additional certification materials are compiled taking into account the goals and requirements of qualification characteristics, curricula, work programs, recommendations, regulations, instructions of the educational and methodological department of the institute. Tickets are formed in advance, discussed at meetings of departments, reviewed by teachers of related departments, discussed and approved at meetings of the EMC of the institute.

Students who do not have academic debts and who have fully completed the curriculum or individual curriculum are allowed to the SFC .

The purpose of the state final certification is to establish the level of readiness of a graduate to perform professional tasks and the compliance of his training with the requirements of the state educational standard of higher professional education (SES HPE).

1- stage - curation at the bedside of the patient;

2- stage - interdisciplinary testing:

3- stage - oral questioning on the ticket.

Subject to successful completion of all established forms of the GIA. the graduate is awarded the appropriate qualification " Medical doctor ” and a state diploma of higher professional education is issued.