

Ministry of Science and Higher Education of the Russian Federation

Ministry of Education and Science of the Kyrgyz Republic

The State Academic Institution of Higher Vocational Education

B.N.Yeltsin Kyrgyz-Russian Slavic University



**BASIC ACADEMIC PROGRAMME
OF HIGHER EDUCATION - Major: 31.05.01 (in the RF), 560001 (in the KR)
General Medicine**

**International Qualification: A Specialist (A Professional)
Programme mode: internal study mode**

BAP Approving for Execution in the Regular Academic Session

Chairman of the Faculty Academic and Methodological Board (AMB)

16. 11 2016 year. U. Catuput

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1. GENERAL REGULATIONS

1.1. The concept of the basic academic programme.

The basic academic programme of higher professional education (BAP HPE) of specialist training, implemented by the State Academic Institution of Higher Professional Education of the Kyrgyz-Russian Slavic University (SEI HPE KRSU) majoring in - 31.05.01 (560001) *General Medicine*

BAP HE is a records system, established by the higher education institution taking into account the needs of the regional labor market in Kyrgyzstan and Russia, the requirements of the executive authorities of the Kyrgyz Republic and the Russian Federation as well as corresponding sectoral demands.

The university has independently masterminded the basic academic programme in the specialty.

The BAP HPE regulates the goals, intended results, content, conditions and implementation technologies of the educational process, the quality assessment of training in this field of study and includes: the academic curriculum, academic courses, disciplines (module) working programmes and other materials ensuring the quality of students training, as well as practical training and work placement internship programmes, calendar schedule and resource materials ensuring the appropriate academic technology implementation.

1.2. Statutory documents regulating the content and administering of the academic process in the BAP HE implementation

The following documents have formed the legal and regulatory framework for the development of the specialty programme:

- Federal Law No. 273-FZ of December 29, 2012 "On Education in the Russian Federation";
- Law of the Kyrgyz Republic No. 92 of April 30, 2003 "On Education";
- The Decree of the Government of the Kyrgyz Republic No.496 of August 23, 2011 "On establishment of two-tier structure of higher professional education in the Kyrgyz Republic";
- The Procedure of Organising and Implementing Educational Activities in Higher Education – Bachelor's, Specialist's and Master's Degree Programmes, approved by Order of the Ministry of Education and Science of the Russian Federation No. 301 of 5 April 2017;
- Federal State Educational Standard of Higher Education - (higher education level) in the field of education (specialty) 31.05.01 (560001) General Medicine, approved by Order of the Ministry of Education and Science of Russia dated February 09, 2016 N 95;
- State Educational Standard of Higher Professional Education in the field of 560001 «General Medicine», approved by Order of the Ministry of Education and Science of the Kyrgyz Republic dated September 15, 2015, No. 1179/1;
- Regulatory and procedural guidelines of the Ministry of Science and Higher Education of the Russian Federation
- Regulatory and procedural guidelines of the Ministry of Education and Science of the Kyrgyz Republic;
- SEI HVE B.N.Yeltsin Kyrgyz-Russian Slavic University Charter.

Local normative acts.

The content and administering of the academic process in the BAP HE implementation is

regulated by the academic curriculum, courses, disciplines (module) working programmes and other materials ensuring the quality of students training and upbringing; practical training and work placement internship programmes, calendar schedule as well as resource materials ensuring the appropriate academic technology implementation.

1.3. General description of the basic academic programme of higher education specialist training

The social role of the basic academic programme of higher education for a future physician majoring in specialty 31.05.01 (560001) "General Medicine" is the development of conditions of fundamentality and practical focus of specialists training, based on international standards, national traditions of higher medical education and ensuring the competitive ability of SEI HVE of the Kyrgyz-Russian Slavic University graduates in the national and foreign labor markets; implementation of ongoing education, catered maximally to the needs of personality, society and state.

The objective of the BAP HE of a specialist training is the development of students' soft competences, training culture-universal, general professional and professional competencies in accordance with the requirements of the FSES of Higher Education in specialty 31.05.01 (560001) "General Medicine"

In the field of personal upbringing the aim of this academic programme is to deliver such students' social and soft competences as sense of purpose, self-discipline, liability, civic consciousness, communicative skills, tolerance, increasing their general culture.

A graduate of the SEI HVE B.N. KRSU in specialty "General Medicine" must have 8 general cultural, 11 general professional and 22 professional competences, trained on the basis of courses of study competences.

The workload of students BAP HE learning is 360 credit units for the entire period of study in accordance with the FSES of Higher Education in the specialty 31.05.01 (560001) "General Medicine" includes all types of students' classroom and independent work, practices and internships and time for quality assurance of the BAP student's mastering.

The BAP HE prescribed residence makes 6 years in accordance with FSES of Higher Education in specialty 31.05.01 (560001) "General Medicine" in internal study mode including the holidays provided after the State Final Certifications regardless of the applied educational technologies.

An applicant must have a National Certificate of secondary level (complete) general education or vocational secondary education.

2. THE DESCRIPTION OF GRADUATES PROFESSIONAL ACTIVITY IN SPECIALTY (31.05.01 (560001) GENERAL MEDICINE

2.1. The area of graduates' professional activity

The area of professional activity of graduates having successfully completed the specialists' degree programme includes protecting public health by providing medical care in accordance with the established requirements and standards in health care.

2.2. Objects of graduates professional activity

The objects of professional activity of graduates having successfully completed the specialists' degree programme are:

- individuals (patients);

- population;
- aggregate of resources and technologies aimed at creating conditions for public health protection.

2.3. Types of professional activity to which the graduates having mastered the specialty programme are trained:

- iatric;
- organizational and managerial;
- scientific- research.

2.4. Objectives of a specialist's professional activity

iatric functions:

A graduate having mastered the specialist programme majoring in 31.05.01/560001 *General Medicine* is ready to solve the following professional tasks in accordance with the types of professional activities the programme is focused on:

- prophylaxis of diseases among the population by carrying out preventive and epidemic control measures;
- carrying out preventive medical examinations, periodic health examinations and dispensary observation;
- gathering medical and statistical analysis of public health data in different age and sex groups evaluating their health status;
- diagnosis of diseases and pathological states of patients;;
- diagnosis of medical emergencies;
- pregnancy testing;
- carrying out temporary disability examination and participating in other types of medical rating;
- providing primary health care in the outpatient settings and day patient facilities;
- providing primary health care in cases of sudden acute diseases, acute exacerbations of chronic diseases without life-threatening and need for emergency medical care;
- participation in emergency medical care providing in cases requiring urgent medical intervention;
- health care delivering in public emergencies, including participation in medical evacuations
- participation in medical rehabilitation and sanatorium-resort therapy;
- developing motivation in the population, patients and their family members aimed at preserving and strengthening their health and the health of others;
- training patients basic health-improving measures contributing to the prevention of diseases and health promotion

organizational, managerial activities:

- practicing the basic principles of organizing health-care delivery in medical settings and

their structural units

- creating favorable conditions for patients and medical personnel in medical settings;
- keeping medical records in medical settings;
- organizing of carrying out medical rating;
- participating in quality rating of health care delivery to patients;
- keeping the fundamentals of cyber security;

scientific-research activities:

- analyzing scientific literature and official statistical reviews, carrying out data analysis and public exposure of the obtained results;
- participation in resolving individual scientific research and application tasks in health care on diacrisis, curing, aftercare and preventive measures

3. REQUIREMENTS FOR THE BAP HE LEARNING OUTCOMES

BAP HE learning outcomes are determined by the competences developed by a graduate, i.e. his/her ability to apply the knowledge, skills and soft competences in accordance with the professional activity objectives.

13 learning outcomes have been identified according to the BAP HVE objectives:

Learning outcome 1: Ability to apply basic knowledge of social-humanitarian, economic courses of study in his/her professional activities, possess general cultural competences.

Learning outcome 2: Ability to communicate in national and official languages.

Learning outcome 3: Have a command of a foreign language, both for everyday communication and for written translation.

Learning outcome 4: Ability to apply communication skills in professional activities, basic knowledge in the field of psychological and pedagogical activity.

Learning outcome 5: Ability to carry out his/her activities in accordance with the moral and legal standards of society. Ability to apply basic knowledge in the sphere of administrative and management activity.

Learning outcome 6: Ability to apply basic knowledge in the field of fundamental, natural-science subjects of study in professional activities, and general professional competences proficiency.

Learning outcome 7: Ability to apply modern information technology in professional activities.

Learning outcome 8: To know the forms and methods of preventive health messages, social-hygienic, medical and statistical methods of collecting and analyzing information; the ability to carry out prophylactic and epidemic control measures.

Learning outcome 9: Be able to apply basic knowledge of professional courses of study when protecting the population and territories from potential impact of emergencies and natural disasters.

Learning outcome 10: Ability to apply basic knowledge in the sphere of diacritical activities.

Learning outcome 11: Ability to apply basic knowledge in the field of treating activities.

Learning outcome 12: Ability to apply basic knowledge in recovery activities. Ability to take care of patients.

Learning outcome 13: Ability to apply basic knowledge in scientific research activities.

As a result of mastering the BAP in the specialty 31.05.01 (560001) "General Medicine" a graduate is to have the following general cultural competencies (GCC)::

- capacity for abstract thinking, analyze, synthesize (GCC-1);
- ability to use Basics of Philosophy for worldview developing (GCC-2);
- ability to analyze principal stages and consistent patterns of a society historical evolution for civil position development (GCC-3);
- ability to act in abnormal situations, have social and ethical responsibility for decisions made (GCC-4);
- readiness for self-development, self-fulfillment, self study, creativity development (GCC-5);
- readiness to use methods and tools of physical education to ensure full-fledged social and professional activities (GCC-6);
- readiness to use first aid techniques, security methods in public emergency situations (GCC-7);
- willingness to work in a team, to perceive social, ethnic, confessional and cultural differences with tolerance (GCC-8).

A graduate of specialty 31.05.01 (560001) "General Medicine" should have the following general professional competencies (GPC)

- readiness to solve standardized job tasks using informational, bibliographic resources, medicobiologic terminology, information and communication technologies taking into account the basic requirements of cyber security (GPC-1);
- readiness to communicate in verbal and in written forms in Russian and foreign languages to solve the tasks of professional activity (GPC-2);
- ability to use basic economic and legal knowledge in professional activities (GPC-3);
- ability and willingness to implement ethical and deontological principles in professional activity (GPC-4)
- ability and readiness to analyse the results of own activity to prevent professional errors (GPC-5);
- readiness to medical records keeping (GPC-6);
- readiness to use basic physico-chemical, mathematical and other natural science concepts and methods in solving professional tasks (GPC-7);
- readiness for medicinal use of medicaments and other substances and their combinations when solving professional tasks (GPC -8);
- ability to assess morphofunctional physiological statuses and pathologic processes in human body in solving professional tasks (GPC -9);
- readiness to ensure patient care organizing and paramedical activity providing (GPC -10);
- readiness to use medical devices prescribed by practices of health care delivery (GPC -11).

A graduate in specialty 31.05.01 (560001) "General Medicine" should have the following professional competencies (PC)

- iatric activities:
- ability and readiness to exercise a set of actions focused on health preserving and promoting,

including a healthy lifestyle forming, diseases nascency and/or distribution, their early detecting, identifying the causes and conditions of their nascency and nosogenesis, as well as aimed at ameliorating environmental hazards exposure on human health (PC-1);

- ability and readiness to carry out preventive medical examinations, periodic health examinations and dispensary observation (PC-2);

- ability and readiness to carry out epidemiological response, to organize population protection in special dangerous infections foci, in view of radiation environment aggravation, natural disasters and other emergencies (PC-3);

- ability and readiness to use social-hygienic methods for public health data gathering and medical statistical analysing of (PC-4)

- willingness to collect and analyze a patient's complaints, anamnesis data, diagnostic findings, laboratory assessments, clinical investigations, autopsy and other studies in order to identify the state or verify the presence or absence of a disease (PC-5);

- ability to identify leading medical conditions, symptoms, disease syndromes, nosological entities in patients in accordance with the International Statistical Classification of Diseases and Related Health Problems - X revision, adopted by the 43rd World Health Assembly, Geneva, 1989. (PC-6);

- readiness to carry out expert examination of temporary incapacity to labour, participate in carrying out sociomedical assessment, as well as biological death verifying (PC-7);

- capacity for detecting patients with various nosological entities surveillance (PC-8)

- readiness to manage and treat patients with various nosological entities in the outpatient settings and day patient facilities (PC-9);

- readiness to provide primary health care in cases of sudden acute diseases, acute exacerbations of chronic diseases without life-threatening and need for emergency medical care (PC-10);

- be ready to participate in emergency medical care providing in cases requiring urgent medical intervention (PC-11)

- be ready to manage physiological pregnancy, and deliver a baby (PC-12)

- be prepared to participate health care delivering in public emergencies, including participation in medical evacuations (PC-13)

- willingness to determine the necessity of applying natural therapeutic factors, medicamental, drug-free therapy and other methods in patients being in need of aftercare and sanatorium-resort therapy (PC-14)

- readiness teach patients and their relatives basic hygienic health-improving practices, experience in self-control of vital signs contributing to health preservation and promotion, disease prevention (PC-15)

- readiness for educational activities to eliminate risk factors and develop healthy lifestyle skills (PC-16);

organizational and managerial activities:

- ability to apply basic principles of organization and management in the field of health care, in medical settings and their functional units (PC-17),

- readiness to participate in assessing the quality of health care delivery using basic medical and statistical indicators (PC-18);

- ability to health care delivering in public emergencies, including medical evacuations (PC-19);

scientific- research activities:

- willingness to analyse and present in public medical information on the basis of evidentiary medicine (PC-20);
- ability to participate in scientific research (PC-21);
- readiness to participate in introduction of new methods and techniques, focused on public health protection (PC-22).

Compliance matrix of the required competences and BAP HPE components organizing them (in Appendix 1).

Competency maps of universal cultural, general professional and professional (based on FSES HE) in Appendix 2.

4. THE DOCUMENTS, REGULATING THE CONTENT AND ADMINISTERING OF THE ACADEMIC PROCESS IN IMPLEMENTING THE BAP IN SPECIALTY 31.05.01 (560001) “GENERAL MEDICINE”

4.1. The basic academic programme structure

The structure of the basic academic programme in specialty 31.05.01 (560001) “General Medicine” includes a mandatory part (basic) and electives formed by the Higher Educational Institution (Kyrgyz-Russian Slavic University represented by the Faculty of Medicine) with the direct participation of potential employers of medical institutions in Bishkek.in the face of the Medical Faculty) with the direct involvement of potential employers of Bishkek medical and preventive treatment facilities.

The specialty program 31.05.01 (560001) “General Medicine” consists of the following units:

Unit 1 “Academic Courses (modules)” including academic courses (modules) related to the basic part of the programme and academic courses (modules) related to its elective part. This block encapsulates the list of mandatory courses and elective courses at students’ option; intended learning outcomes in the shape of competency codes formed in the process of educational program implementation, and in the form of requirements: to know, to be able to have a command of; the academic courses of study (modules) workload in terms of credits.

Unit 2 “Practical training sessions, including scientific research work (SRW)” related completely to the basic part of the programme:

Introductory internship:

1. Introductory internship for obtaining elementary professional skills, including basic research and evaluation skills and abilities (General therapeutic patients care);
2. Introductory internship for obtaining elementary professional skills, including basic research and evaluation skills and abilities (General surgical patients care).

Practical training is conducted on the basis of KRSU Center for Integrative and Practical training.

Work placement internship

1. Work placement internship for obtaining professional skills and professional work experience "A ward nurse assistant";
2. Work placement internship for obtaining professional skills and professional work experience "A treatment nurse assistant";
3. Clinical internship (A Physician assistant);
4. Clinical internship (Assistant doctor of an outpatient-and-polyclinic institution).

Practice is carried out on the bases of Bishkek medical and preventive treatment facilities.

Scientific research work: includes training of students through mastering methods, techniques and skills of performing scientific and research works, developing their creative abilities, independent behaviour, and initiative academically and in future professional activity within the framework of the specialty.

Unit 3. "State Final Attestation", relates completely to the basic part of the programme and culminates in awarding the qualification of a Physician, M.D in the Russian Federation and a Doctor of Medicine in the Kyrgyz Republic.

Table 1.

Common BAP structure in specialty "General Medicine"

Specialist Programme Structure		Workload, in credits	
		according to FSES	according to KRSU curriculum
Unit 1	Academic courses (modules)	324-330	327
	Mandatory part	288-294	291
	Elective part	36	36
Unit 2	Practical training sessions including scientific research work	27-33	30
	Mandatory part	27-33	30
Unit 3	State Final Certification	3	3
Specialist programme capacity		360	360

4.2. Academic curriculum for training professionals in specialty 31.05.01(560001) "General Medicine"

The "Academic Curriculum" is drawn up in accordance with the Federal state academic standard of higher education of the Russian Federation and the State academic standard of higher professional education of the Kyrgyz Republic in specialty "General Medicine".

The curriculum reflects the logical order of the study cycles and sections of basic academic programme (academic subjects, modules, practical training sessions) ensuring the development of competencies. The total workload of academic subjects, modules, practical training sessions in credit units, as well as their total and classroom workload in hours are

indicated.

Formative assessment, midterm assessment and interim assessment (end-of-term tests and exams) are considered to be types of a course training activity and are performed within the limits of workload set for its learning.

In accordance with the state standards in specialty 31.05.01 (560001) "General Medicine" the types of educational work (activities) include: lab classes, practical studies, clinical practical training, laboratory courses, lectures, tutorial instructions, independent work, scientific research work, academic and work placement internships.

4.3. Academic schedule

The academic schedule of the basic academic programme "General Medicine" indicates the consistence of the academic programme implementation, including theoretical instructions, practical training sessions (academic and work placement internships), midterm assessment and final (state) certification, holidays.

4.4. Annotations and academic course and/or module working programmes, practical training sessions of the curriculum for the specialty 31.05.01 (560001) "General Medicine"

Academic course (practical training session) working programme is an integral part of BAP. The ultimate learning outcomes in conjunction with the acquired knowledge, skills and acquired competencies, taking into account specialists training are formulated in the work program:

- Academic course objectives.
- The place of the course of study in the BAP structure.
- Students competences formed as a result of the academic course mastering.
- Academic course structure and content.
- Classroom technologies used during academic course mastering.
- Methodological guidelines for the academic course mastering.
- Assessment tools for formative assessment, midterm assessment based on the results of the academic course mastering.
- Learning and teaching support material and informational support of the academic course.
- Logistical support of the academic course.

Academic course working programmes are developed both for basic and elective parts of the curriculum, including elective courses.

The annotation of an academic course (practical training session) working programme is its brief description representing definitive aspects of an academic course according to the most important attributes of an academic course, such as:

- purpose and objectives of the academic course studying;
- the competences formed as a result of the academic course mastering, as well as knowledge, skills and abilities obtained in process of the course learning.

5. EVALUATION FUNDS FOR CONDUCTING FORMATIVE ASSESSMENT, MIDTERM ASSESSMENT, AND INTERIM ASSESSMENT

Regulatory and methodological support of the formative assessment, the midterm assessment (progress check) of academic progress and the interim assessment of students trained under BAP HE is carried out in accordance with the Procedure of academic activities organizing and implementing under the higher education programmes – Bachelor's, Specialist's and Master's degree programmes.

Formative, midterm and interim assessments are the main means of providing feedback between a teacher and a student in the educational process, necessary to stimulate students'

work and improve the methods of academic courses teaching.

The formative assessment corresponds to the achievement testing of study materials, conducted regularly throughout the semester.

The formative assessment allows estimating the body of knowledge and skills, as well as particular competences developing. The forms of formative and interim assessment include: interview, academic conference, end-of-term test, examination in (an academic course (module)), test, review work, essay and other creative work, reference paper, report on (practical training session), students' scientific research work etc.), and more.

The midterm assessment is checking the completeness of knowledge and skills on the module material as a whole. Module control tasks performance is carried out in a written form and is a core component of the module control.

The interim attestation, as a rule, is carried out at the end of the semester and can complete both studying of a certain academic course, and its unit (units).

The evaluation fund includes: advancement questions and typical assignments for practical sessions, lab sessions and review work, academic conference; end-of-term tests and examinations, tests and computer testing programmes; exemplary topics of course papers, essays and reference papers. The above-noted forms of evaluation tools make it a sense of level of students' competences maturity. The assessment tools for formative, midterm and interim assessments are reviewed and approved by AMPC.

Exam papers and complex tasks sets are approved at the AMPC meetings on the Faculty specialties. Students' recitation allows assessing students' knowledge and mental outlook, ability to develop a logical answer, monologue skills and other communicative skills. Scripts allow saving a teacher's time, verifying the mark reasonableness and mitigate a subjective approach to a student's experience assessing due to his/her personal characteristics. Using information technologies and systems ensures:

- quick and immediate receiving objective information about students' factual digestion of the material being monitored, including directly during class sessions;
- opportunity to deliver this information personally and in details to the teacher for assessing learning achievements and making quick alterations in the leaning process;
- putting in place and accumulating the integral (rating) assessments of students' progress in all academic courses and modules of the educational programme;
- inoculating learning skills to work with information resources and tools;
- students' self-diagnosability and motivation in the process of independent work.

6. STUDENTS INDEPENDENT WORK

SIW means preparation for practical sessions and includes studying professional literature on the topic (recommended textbooks, guidance manuals), familiarizing with information published in monographs, specialized journals, on the recommended medical sites); performing tasks of search and research type using Internet resources; writing transcripts and speeches for lab classes, preparing reference papers, multimedia presentations; conducting professional simulation games. Independent work is considered to be a type of academic work on the course of study and is carried out within hours allocated for SIW. Each student is provided with access to the teaching-methodical office of the department and the university library collection.

Instructional guidelines for students, as well as methodological guidelines for teachers have been developed for each unit.

2. Description of a sequence of student's actions:

In order to understand the material and learn it well, it is recommended the following sequence of actions: After listening to the lecture and finishing the training session, as part of preparation for the next day's tutoring session, a student should at first review and think over the text of the lecture listened to today (10-15 minutes).

When preparing for the next day's lecture, a student should review the text of the previous lecture and think about what might be the topic of the following lecture (10-15 minutes).

During the week a student should choose time (1 hour) to work with the recommended literature in the library.

When preparing for the next day's lab session, a student should at first read the basic concepts and approaches to the topic of the homework. When doing an exercise or a task a student should at first understand what is required in the task, what theoretical material should be used, shape a plan for the task solving.

3. Recommendations for teaching materials using. It is recommended to use the course of instructional guidelines and the text of the teacher's lectures..

4. Recommendations for working with literature:

The theoretical material of the course becomes more comprehensible when in addition to listening to the lecture and studying the transcripts, books are also learned. It is easier to master the course by hewing to one textbook and the transcript. In addition to "memorizing" the material, it is advisable to achieve a state of understanding of the topic being studied. For this purpose, after studying the following paragraph it is recommended to do some simple exercises on the topic. It is also very useful to consider in thoughts the following questions (and try to answer them): what is this paragraph about?, what new concepts are introduced, what is their meaning?, what will it give on a practical level?

5. Some recommendations for preparing for the midterm and interim assessment

In addition to studying the lecture transcripts it is necessary to use a textbook. In addition to "memorizing" the material, it is very important to achieve a state of understanding of the academic courses topics. For this purpose after studying the following paragraph it is recommended to do some exercises on the topic. It is also very useful to consider in thoughts the following questions (and try to answer them): what is this paragraph about?, what new concepts are introduced, what is their meaning?, what will it give on a practical level? When preparing for the interim assessment a student should study theoretical treatments: definitions of all the concepts and approaches to assessing up to the state of understanding of the material and solve independently several typical tasks from each topic. When solving the tasks it is always necessary to be able to interpret the result of the solution well.

6. Instruction for organizing outside preparation. When doing homework, a student at first should learn the basic concepts and approaches to the assignment topic. When doing an exercise or a task, a student should first understand what is required in the task, what theoretical material should be used, shape a plan for the task solving, and then proceed to solution and draw a qualitative conclusion.

7. When preparing for the midterm and interim assessments, a student should study the theory: definitions of all concepts and approaches to assessing up to the state of understanding of the material and perform independently several typical tasks.

7. REQUIREMENTS FOR THE BASIC ACADEMIC PROGRAMME (HE) IMPLEMENTATION

In accordance with the requirements of the Federal State Educational Standard of Higher Education in specialty "General Medicine" the university implementing the basic academic programme is obliged to provide the required conditions for ensuring the quality of the educational process as a whole, as well as to develop a system of assessing the quality of students' mastering the specialist academic programme.

Kyrgyz-Russian Slavic University provides quality assurance of training through:

- involving employers' representatives in the educational process and in the procedures of state certification of graduates;
- constant monitoring and periodical review of academic programmes;
- developing objective procedures for assessing the level of students' knowledge and skills as

well as graduates' competencies;
- ensuring the teaching staff competency.

7.1. Requirements for personnel conditions for the academic programme implementation

Qualification of leading and research-pedagogical staff corresponds to the qualification profile established in the Unified skills guide for positions of managers, specialists and non-manual worker approved by Order of the Ministry of Health and Social Development of the Russian Federation dated January 11, 2011 N 1н and professional standards.

The share of full-time teaching staff should be at least 50% of the total number research-pedagogical staff of the University.

Specialist programme implementation is provided by leading and research-pedagogical staff of the University, as well as by persons involved in implementing the specialist programme on a civil contract terms.

The share of research-pedagogical staff (in the rates reduced to integer values) with basic education relevant to the profile of the academic course taught, in total number of research-pedagogical staff, implementing the specialist programme, comes out at least 70 percent.

The share of research-pedagogical staff (in the rates reduced to integer values) holding an academic degree in the total number of research-pedagogical staff implementing the specialist programme is at least 65%.

The share of employees (in the rates reduced to integer values) from among principals and corporate employees engaged in labour activities in the professional sphere, corresponding to the professional activity the graduates should be prepared for (having at least 3 years of work experience in this professional sphere), in the total number of teaching staff implementing the specialist programme, makes at least 10 percent

7.2. Requirements for the BAP logistical and methodological support

Special rooms are classrooms for carrying out lecture-type training sessions, seminar-type classes, academic year projecting (course work accomplishing), group and individual consultations, formative assessment and midterm attestation, as well as rooms for independent student work and facilities for keeping and preventive servicing of training equipment.

Special rooms are equipped with special-purpose furniture and teaching aids, intended to present teaching information to a large audience.

Sets of demonstration equipment visual teaching aids providing course-related illustrations corresponding to the subjects (modules) working programmes are offered for lecture-type classes.

The checklist of logistic necessary to implement the specialist programme includes facilities equipped with laboratory engineering, depending on the degree of complexity. Specific requirements for logistic, and learning and teaching support materials are defined in the approximate basic academic programmes.

The rooms for students' independent work are fitted with computer equipments with possibility to connect to Internet and ensure access to the University's electronic information and learning environment.

If using e-learning, distance learning technologies it is allowed to replace specially equipped rooms with their virtual analogues, allowing students to master learning skills required by professional activity.

If the organization does not use an electronic library system (electronic library), the library fund must be equipped with printed publications at the rate of at least 50 copies of each

publications of the basic literature listed in the course (modules), working programmes, practical training sessions programmes and not less than 25 copies of additional literature per 100 students.

The university is to be provided with the necessary set of licensed software (the structure is specified in the course (modules) working programmes and is subject to annual revision).

Electronic library systems (electronic library) and electronic information and educational environment provide simultaneous access to at least 25 percent of students learning through the specialist programme.

Learners are to be ensured access (remote access), including in the case of e-learning, distance learning technologies to modern day professional databases and information reference systems, the structure of which is specified in the course (modules) working programmes and is subject to annual revision.

Students with disabilities are meant to be provided with printed and (or) electronic learning resources in forms brought in sync with their disabilities.

7.3. Quality assessment of the BAP learning

The evaluation funds for formative and interim assessing of students' learning progress have been prepared and approved in the established procedure according to the Federal State Educational Standard HE requirements for certifying students' personal achievements against the gradual demands of the training programme in "General Medicine". These funds include: advancement questions and typical tasks for practical sessions, laboratory research and review work, academic conferences, credits and examinations; tests and computer testing programmes; approximate topics of reference papers, reports, etc., as well as other forms of control, allowing to assess the level of students' competence. The university has adopted the following forms of academic courses (modules) of the curriculum estimating: formative, midterm, interim assessment and final (state) certification.

The formative assessment in a system of learning activities is understood as a series of teachers' and students' steps allowing detecting the qualitative-quantitative characteristics of the learning outcomes at the interim of the training process within particular intervals of the semester. The formative assessment of each academic course is carried out continually by an instructor teaching this course of study establishing a flexible system of estimating the students' progress in mastering the programme material on the completed units (modules) of the academic courses and accomplishing by students the approved schedule of independent work on the academic course. The system of flexible formative assessment consists of:

- express-monitoring prior to each lecture;
- recitation at practical sessions (seminars) on particular topics;
- monitoring and evaluating student's activity at practical sessions (seminars) (case studies, speaking presentations);
- testing on the completed academic courses units (modules);
- written tests conducted during the classroom practice hours;
- checking and assessing individual assignments (essays, reference papers and reports, PowerPoint presentations, individual homework and other forms of assignments) and their compliance with the deadlines set by the independent work schedule;
- monitoring and recording of students' attendance of training sessions.

Under curriculum in specialty "General Medicine" the advanced competency-oriented forms of formative assessing of students' knowledge are frequently or regularly used:

- cases encouraging students to apply theoretical learning account for practical situations;
- scripts: essays, reference papers, reports;
- debates and discussions on a specified topic; drafting of a report and presenting it at a seminar (practical session);

- scientific-research work on specified topics;
- role-plays, case-study training students' ability to apply knowledge and skills in situations describing or simulating specific clinical situations and professional activities.

Learning outcomes are estimated after completion some modules, academic courses as a whole or a set of academic courses. This takes place either during sessions or upon a cycle of academic courses completion.

Summing up the results of work experience internships passing, checking the ability to apply the received skills on training devices and at the patient's bedside plays a discrete role in assessing the learning outcomes of the applied skills mastering.

7.4. State Final Students Certification

State final certification of graduates of the Medical faculty of KRSU majoring in 31.05.01 (560001) General Medicine includes:

1. State Examination "History of Kyrgyzstan" (after 2nd year);
- 2 Revising for examinations and passing the state exam, which is held at the end of a full course of study in the specialty "General Medicine" and consists in determining the compliance of a graduate's level of professional training with the requirements of the Federal State Educational Standard, followed by the issuance of two state diplomas of higher education of the Russian Federation and the Kyrgyz Republic.

Upon successful completion of all the established types of final certification tests included in the State Final Certification, a graduate of a higher education institution is awarded the relevant qualification.

The State Final Certification is carried out by the state attestation commissions, organized in KRSU in specialty "General Medicine".

The grade got at the final examination is an indicator of learning outcomes, corresponded to the intended indicators of knowledge, abilities, skills or competencies mastered by a student which can be demonstrated by him/her upon training completion.

The State Examination in specialty "General Medicine" is carried out on a staged basis and includes the following mandatory certification tests:

- *checking the level of theoretical competence through blank or computer final testing;*
- *checking the level of mastering working knowledge;*
- *assessing the ability to solve specific job tasks during oral interviewing.*

Certification tests assessing objectively the levels of competence "To be able" and "To have a command of" should be carried out at the patient's bedside, using training devices, breadboard models, homunculus, tools, instrumentation, modular and situational clinical cases, electrocardiograms, X-ray pictures, laboratory findings, slides, medication orders and demonstrating one or more practical skills.

Certification tests estimating the level of "To know" competence are conducted orally. Graduates receive exam papers drawn up in accordance with the approved exam programme, including the tasks that examiners are to accomplish. Exam papers are signed by the Head of the administering sub- department and approved by the Dean of the Faculty, whose signature is embossed with the Medical Faculty seal.

The decision to award the qualification in the specialty and grant a government-issued Diploma of higher professional education to a graduate is made by the State Attestation Commission according to the successful results of the Final State Certification, registered officially by the Attestation Commission record.

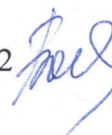
Basic academic programme (HE) designers:

Dean of the Medical Faculty
Candidate of Medical Sciences, Associate Professor

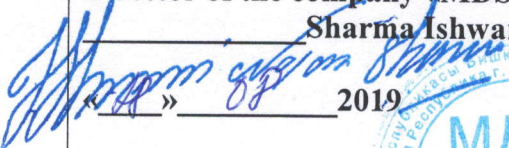



A.G. Zarif'yan

Head of the BAP:
Candidate of Medical Sciences,
Associate Professor of KRSU Internal Medicine Department No 2



G.S. Bobushova

“Approved” by	“Approved” by
<p>Director of the company «MDS Impex» Sharma Ishwari Narayan</p> <p>«<u>24</u>» <u>08</u> 2019</p>  	<p>Acting Medical superintendent of the National Hospital of the Ministry of Health care, Candidate of Medical Sciences T.M. Umetaliev</p> <p>«<u>24</u>» <u>08</u> 2019</p> 