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Chair of the Academic Council



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Sirimbard S.R.

**MAIN EDUCATIONAL PROGRAM  
HIGHER PROFESSIONAL EDUCATION**

Specialty - 560001 "General Medicine"

Qualification - Doctor

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## **1. GENERAL PROVISIONS**

### **1.1. The concept of MEP HPE.**

This MEP HPE in the specialty 560001 "General Medicine" was developed by Adam University, discussed and approved by the Academic Council, Protocol № 5 from 25.02.2021. MEP HPE fully complies with the Law "On Education", the State Educational Standard for the specialty of higher professional education 560001 "General Medicine", and other regulatory legal acts of the Kyrgyz Republic in the field of education. MEP HPE is a system of documents developed and approved by a higher educational institution, taking into account the needs of the regional labor market of Kyrgyzstan, the requirements of the executive authorities of the Kyrgyz Republic and relevant industry requirements.

MEP HPE regulates the goals, expected results, content, conditions and technologies for the implementation of the educational process, assessment of the quality of training specialists in this area of training and includes: syllabus, work programs of training courses, subjects, disciplines (modules) and other materials that ensure the quality of training of students, as well as educational and industrial practice programs, a calendar training schedule and methodological materials that ensure the implementation of the appropriate educational technology.

The implementation of this MEP VPO is mandatory for all structural divisions of the University involved in the implementation of a professional educational program for the training of specialists in the specialty 560001 "General Medicine".

### **1.2. Terms, definitions, abbreviations and symbols**

In this general educational program of higher professional education, terms and definitions are used in accordance with the Law of the Kyrgyz Republic "On Education", the State Educational Institution of Higher Professional Education of the Kyrgyz Republic in the specialty 560001 General Medicine, 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 in this area 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 common fundamental training;
- profile - the focus of the main educational program on a specific type and (or) object of professional activity;

- a cycle of disciplines - a part of an educational program or a set of academic disciplines that have a certain logical completeness in relation to the established goals and results of training, education;
- a module is 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, abilities and skills necessary for engaging in 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.

**This MEP uses the following abbreviations:**

- SES - State educational standard;
- HPE - higher professional education;
- MEP - Main educational program;
- EMA - educational and methodological associations;
- CD GEP - a cycle of disciplines of the general educational program;
- GSC - general scientific competence;
- IC - instrumental competence;
- PC - professional competencies;
- SPGCC – social - personal and general - cultural competences.

**1.3. Normative documents for the development of MEP HPE in the specialty "General Medicine"**

**The regulatory and legal framework for the development of MEP is:**

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 Resolution of the Government of the Kyrgyz Republic dated February 3, 2004 No. 53;
3. National program of reforming the health care system of the Kyrgyz Republic "Den Sooluk" developed for 2012-2016

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

5. Order of the Ministry of Education and Science of the Kyrgyz Republic "On Approval of State Educational Standards of Higher Professional Education" dated September 15, 2015, No. 1179/1;

6. Order of the Ministry of Education and Science of the Kyrgyz Republic "On approval of the requirements for the structure, labor intensity to the mandatory minimum content of disciplines" (No. 556/1 of 28.08.2013);

7. State educational standard of higher professional education in the direction of training (specialty) 560001 General medicine, approved by the Order of the Ministry of Education and Science of the Kyrgyz Republic dated September 15, 2015, No. 1179/1;

8. Statutes of the Adam University;

9. Local regulatory legal acts of Adam University, regulating the educational process, including:

10. Regulations on the development, approval and evaluation of basic educational programs at Adam University.

11. Regulations on the final state certification of graduates;

12. Regulations on the structure of educational and methodological complexes of disciplines at Adam University;

13. Collection of normative documents on the application of the credit system at "Adam University";

14. Regulations on the conduct of current control and intermediate certification of students of Adam University;

15. Regulation on the norms of time for planning work;

16. Provision on conducting of ongoing control and interim assessment of students of the Adam university

17. The curriculum of Adam University in the specialty "General Medicine" with a standard training period of 6 years.

#### **1.4. General characteristics of the MEP HPE in the specialty "General Medicine"**

A graduate in the specialty 560001 "General Medicine" must be ready for postgraduate education in clinical disciplines. He has the right to hold medical positions not related to the independent management of patients, as well as to engage in research and teaching (trainee teacher) activities in theoretical and fundamental areas of medicine.

#### **1.4.1. Mission, goals and objectives of the MEP HPE in the specialty "General Medicine"**

**The mission** is to train highly qualified specialists in the field of medicine who meet international requirements and standards, ready for constant self-improvement and professional growth on the basis of international scientific and innovative technologies.

The goal is to train highly qualified and competitive medical specialists who are able to carry out prevention, diagnosis and treatment. Possessing organizational, educational and research abilities.

The goal is to train specialists with a stable system of moral and personal values that are in demand in the domestic and foreign labor market. To form in graduates' universal human values and professional and ethical responsibility. The goal - to develop students' commitment, hard work, tolerance and organizational skills.

To solve goals, the following tasks are defined:

- provision of high-quality professional education based on a combination of fundamentality, high qualifications of the teaching staff;
- ensuring the process of training and professional development of health professionals;
- implementation of industrial scientific and technical projects, high-tech science-intensive medical care, the development of new diagnostic and treatment technologies necessary in the health care system;
- ensuring the effective implementation of innovations in education and science to meet the needs of individuals, society and the state.

#### **1.4.2. The principles on the basis of which the training of graduates is carried out:**

- Orientation of education to postgraduate education, as well as continuous self-education and education throughout life;
- Development of practice-oriented training based on a competence-based approach;
- Using the credit system and modular-rating assessment of students' achievements in order to ensure academic mobility;
- Compliance of the system of assessment and control of the achievement of the graduates' competences with their future professional activities;
- Acquisition of professional and personal competencies that ensure priority demand and sustainable competitiveness in the domestic and international labor markets.

#### **1.4.3. Term of development of the MEP HPE 560001 "General Medicine"**

The normative term for mastering the MEP HPE in the specialty "Doctor" **560001 Medicine** on the basis of secondary general or secondary / higher vocational education only with full-time education is 5 years. The total labor intensity of the development of MEP is 300 credits (credit units). The labor intensity of the MEP HPE for the academic year is 60 credits (credit units). The complexity of one semester is equal to 30 credits (credit units) with a two-semester structure of the educational process. One credit (credit) is equivalent to 30 hours of student work (including classroom work, independent work and all types of certification).

### **1.5. Requirements for the level of preparedness of the applicant**

Persons with an appropriate level of education, confirmed by a document on secondary general education or secondary vocational education, or a document on higher education are allowed to master the educational program in the specialty "General Medicine".

## **2. CHARACTERISTIC OF THE PROFESSIONAL ACTIVITY OF THE GRADUATE IN THE SPECIALTY "General Medicine"**

2.1. The area of professional activity of graduates includes practical health care and medical sciences, which are engaged in the purposeful development and application of technologies, means, methods and methods of medical activity aimed at maintaining and improving the health of the population through the provision of medical care (therapeutic and prophylactic, medical and social) and dispensary observation.

### **2.2. Objects of the graduate's professional activity:**

- Individuals (patients)
- A set of tools and technologies aimed at creating conditions for protecting the health of citizens.

- Population

### **2.3. Types and tasks of the professional activity of the graduate**

- preventive;
- diagnostic;
- medical;
- rehabilitation;
- educational;
- organizational and managerial;
- research.

### **2.4. The tasks of the professional activity of the graduate**

*Preventive activities:*

- implementation of measures to promote the health of children, adolescents and adults;

- prevention of diseases among children, adolescents and adults;
- formation of motivation in the adult population and children to maintain and improve health;

- 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 among the adult population, children, their relatives and medical personnel in order to form a healthy lifestyle.

*Diagnostic activity:*

- diagnostics of diseases and pathological conditions in children, adolescents and adults on the basis of proficiency in propaedeutic and laboratory-instrumental research methods;

- diagnosis of emergency conditions in children, adolescents and adults;

- diagnosis of pregnancy.

*Medical activity:*

- treatment of adults, adolescents and children using therapeutic and surgical methods;

- management of physiological and pathological pregnancy;

- provision of medical care to adults, adolescents and children in case of emergency conditions;

- carrying out medical and evacuation measures in an emergency and providing medical assistance to the population in extreme conditions of epidemics, in the outbreaks 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 illness, injury or surgery;

- use of means of physiotherapy exercises, physiotherapy and resort factors in the adult population, adolescents and children, with a preventive purpose and in need of rehabilitation.

*Educational type of activity:*

- the formation of positive medical behavior in the adult population, adolescents and children, aimed at maintaining and improving the level of health;

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



- training adults, adolescents and children in basic health-improving activities that contribute to the prevention of diseases and health promotion

*Organizational and managerial type of activity:*

- knowledge of the healthcare organization and patient referral system;
- maintaining medical records in the hospital and at the PHC level;
- Compliance with the quality of treatment, diagnostic, rehabilitation and preventive care for adults and children;
- conducting business correspondence (memos, reports, letters, etc.).

*Research activity:*

- analysis of scientific literature and official statistical reviews;
- preparation of reports in the specialty;
- participation in statistical analysis and preparation of a report on the study.

### **3. REQUIREMENTS TO THE RESULTS OF THE PROGRAM DEVELOPMENT (GRADUATE MODEL).**

The procedure for the formation of the list of competencies of the main educational program in the field of training 560001 "General Medicine" with the assignment of the qualification (specialty) "Doctor" is based on the list of competencies (that is, his ability to apply knowledge, skills and personal qualities in accordance with the tasks of professional activity) in the direction of training 560001 "General Medicine". In addition, the competencies of the main educational program Adam University, SES HPE includes additional competencies and details of some competencies of SES HPE (Appendix 1)

<b>Competency code</b>	<b>The list of competencies of the SES HPE</b>	<b>The list of competencies of the graduate of the Higher School of Medicine of Adam University</b>
<b>a) Universal</b>		
<b>General scientific competence (GSC)</b>		
<b>GSC -1</b>	able to analyze socially significant problems and processes, to use in practice the methods of the humanities, natural sciences, biomedical and clinical sciences in various types of professional and social activities	is able to analyze socially significant problems and processes, understand the relationship between natural-fundamental disciplines for further development of clinical disciplines, understand the essence and social significance of the future profession, use in practice the methods of humanitarian, natural science, biomedical and clinical sciences in various types of professional

		and social activities;
<b>GSC - 2</b>	capable of analyzing worldview, socially and personally significant problems, basic philosophical categories, for self-improvement;	is capable of analyzing worldview, socially and personally significant problems, basic philosophical categories, for self-improvement, organizing his own activities, choosing standard methods, organizing his own activities, choosing standard methods and ways of performing professional tasks, assessing their effectiveness and quality;
<b>GSC - 3</b>	capable of analyzing significant political events and trends, mastering the basic concepts and laws of the world historical process, respecting and caring for the historical heritage and traditions, possessing knowledge of historical and medical terminology	capable of analyzing significant political events and trends, mastering the basic concepts and laws of the world historical process, respecting and caring for the historical heritage and traditions, possessing knowledge of historical and medical terminology, making decisions in standard and non-standard situations and taking responsibility for them
<b>GSC - 4</b>	able to analyze economic problems and social processes, use the methods of economic relations in the health care system;	is able to analyze economic problems and social processes that have had a great impact on historical development, to use the methods of economic relations in the health care system;
<b>GSC - 5</b>	is capable of logical and reasoned analysis, for public speech, conducting discussion and polemics, for carrying out educational and educational activities, for cooperation and conflict resolution; to tolerance;	is capable of logical and reasoned analysis, for public speech, conducting discussion and polemics, for carrying out educational and educational activities, for cooperation and conflict resolution; to tolerance, to be able to logically and correctly build the essence of discipline and various situations;
<b>GSC – 6</b>	able and ready to learn one of the foreign languages at the level of everyday	able and ready to study one of the foreign languages at the

	communication, for written and oral communication in the state language and official languages;	level of everyday communication, to written and oral communication in the state language and official languages, to be able to verbally and in writing express their thoughts, to understand the main essence of the discipline, program;
<b>GSC – 7</b>	able to use management techniques; organize the work of the team, find and make responsible management decisions within the framework of their professional competence;	able to use management techniques; organize the work of the team, find and make responsible management decisions within the framework of their professional competence, make responsible decisions in various circumstances
<b>GSC – 8</b>	is able to carry out his activities taking into account the moral and legal norms accepted in society; comply with the rules of medical ethics, laws and regulations on working with confidential information; keep medical confidentiality.	is able to carry out his activities taking into account the moral and legal norms accepted in society; comply with the rules of medical ethics, laws and regulations on working with confidential information; keep medical secrets, know the peculiarities of the psychology of different age categories;
<b>Instrumental Competencies (IC)</b>		
<b>IC – 1</b>	the ability to independently work on a computer (elementary skills);	the ability to independently work on a computer (elementary skills), to use computer programs to study various disciplines, to find the necessary information on the Internet, is able to work with information in global computer networks;
<b>IC -2</b>	ready for written and oral communication in the state language and official languages, able to master one of the foreign languages at the level of everyday communication;	ready for written and oral communication in the state language and official languages, able to master one of the foreign languages at the level of everyday communication.
<b>IC- 3</b>	able to use management techniques; organize the work of performers; find and	able to use management techniques; organize the work

	make responsible management decisions in the context of different opinions and within their professional competence;	of performers; find and make responsible management decisions in the context of different opinions and within the framework of their professional competence.
<b>IC - 4</b>	willingness to work with information from various sources.	willingness to work with information from various sources, using information, bibliographic resources, terminology, information and communication technologies, to be able to analyze and apply the collected information in a rapidly changing modern environment, ready to use regulatory documents in their activities.
<b>Socio-personal and general cultural competences (SPGC)</b>		
<b>SPGC - 1</b>	is able to implement ethical and deontological aspects of medical practice in communication with colleagues, nurses and junior staff, adults and children;	is able to implement ethical and deontological aspects of medical practice in communication with colleagues, nurses and junior staff, adults and children, work in a team and team, communicate effectively with colleagues, management, patients.
<b>SPGC -2</b>	able and ready to reveal the natural scientific essence of the problems arising in the course of a doctor's professional activity;	able and ready to reveal the natural scientific essence of the problems arising in the course of a doctor's professional activity;
<b>SPGC – 3</b>	capable of analyzing medical information based on the principles of evidence-based medicine;	capable of analyzing medical information using modern information technologies, based on the principles of evidence-based medicine;
<b>SPGC – 4</b>	is able to apply modern socio-hygienic methods for collecting and medical and statistical analysis of information on the health indicators of the child population	is able to apply modern social and hygienic methods for collecting and medical and statistical analysis of information on the health indicators of the child population;

<b>SPGC - 5</b>	is able to use methods for assessing natural (including climate geographic) and medico-social environmental factors in the development of diseases in children and adolescents, to correct them;	is able to use methods for assessing natural (including climate geographic) and medico-social environmental factors in the development of diseases in children and adolescents, to correct them;
<b>b) professional (PC):</b>		
<b>Professional competence</b>		
<b>PC - 1</b>	is able to analyze the results of his own activities to prevent medical errors, while being aware of disciplinary, administrative, civil, criminal liability;	is able to analyze the results of his own activities to prevent medical errors, while being aware of disciplinary, administrative, civil, criminal liability;
<b>PC – 2</b>	is able and ready to conduct and interpret a survey, physical examination, clinical examination, the results of modern laboratory and instrumental studies, to write a medical record of an outpatient and inpatient adult and child;	is able and ready to conduct and interpret a survey, physical examination, clinical examination, the results of modern laboratory and instrumental studies, write a medical record of an outpatient and inpatient adult and child, taking into account national specifics and international practice, identify various symptoms, syndromes and pathological conditions in patients
<b>PC -3</b>	is able to conduct pathophysiological analysis of clinical syndromes, substantiate pathogenically justified methods (principles) of diagnosis, treatment, rehabilitation and prevention among adults and children, taking into account their age and sex groups;	is able to conduct pathophysiological analysis of clinical syndromes, substantiate pathogenically justified methods (principles) of diagnosis, treatment, rehabilitation and prevention among adults and children, taking into account their age and sex groups; solve professional problems of a doctor based on pathophysiological analysis of specific data on pathological processes, conditions, reactions and diseases;
<b>PC – 4</b>	is able to apply the methods of asepsis and antiseptics, use medical instruments, master the technique of caring for sick adults and	is able to apply the methods of asepsis and antiseptics, use medical instruments, master

	children;	the technique of caring for sick adults and children, know the principles of organizing the work of medical institutions, the device and equipment of medical departments of hospitals; theoretical foundations and modern concept of nursing, organization of work of junior and middle medical personnel;
<b>PC -5</b>	is able to work with medical and technical equipment used in working with patients, own computer equipment, receive information from various sources, work with information in global computer networks, use the capabilities of modern information technologies to solve professional problems;	able to work with medical and technical equipment used in working with patients, own computer equipment, receive information from various sources, work with information in global computer networks, use the capabilities of modern information technologies to solve professional problems, the basic laws of development and vital activity of the human body based on the structural organization of all levels;
<b>PC -6</b>	is able to apply up-to-date information on health indicators of the population at the level of health care facilities;	is able to apply up-to-date information on the health indicators of the population at the level of healthcare facilities, readiness to apply the basic principles of organization and management in the field of public health protection, in medical organizations and their structural units
<b>Preventive activities</b>		
<b>PC – 7</b>	carry out preventive measures to prevent infectious, parasitic and non-infectious diseases, carry out sanitary and educational work on hygienic issues;	carry out preventive measures to prevent infectious, parasitic and non-infectious diseases, carry out sanitary and educational work on hygienic issues;
<b>PC -8</b>	is able to carry out preventive measures with the attached population to prevent the occurrence of the most common diseases, to carry out general health measures to	is able to carry out preventive measures with the attached population to prevent the occurrence of the most

	form a healthy lifestyle, taking into account risk factors, to give recommendations on healthy eating;	common diseases, to carry out general health measures to form a healthy lifestyle, taking into account risk factors, to give recommendations on healthy eating;
<b>PC -9</b>	is able to select persons for observation, taking into account the results of mass tuberculin diagnostics and fluorography examination, to evaluate its results with the aim of early detection of tuberculosis;	is able to select persons for observation, taking into account the results of mass tuberculin diagnostics and fluorography examination, to evaluate its results with the aim of early detection of tuberculosis;
<b>PC -10</b>	is able to carry out anti-epidemic measures, protection of the population in the centers of especially dangerous infections, in case of deterioration of the radiation situation and natural disasters;	is able to carry out anti-epidemic measures, protection of the population in the centers of especially dangerous infections, in case of deterioration of the radiation situation and natural disasters, readiness for the management and treatment of patients in need of emergency prehospital medical care;
<b>Diagnostic activity</b>		
<b>PC -11</b>	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;	able 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, to analyze the results of biochemical and clinical studies taking into account the course of pathological processes, having the methods of making a diagnosis, to know the etiology, pathogenesis of the development of the disease and clinical thinking;
<b>PC -12</b>	is able to analyze the patterns of functioning of individual organs and systems, use knowledge of anatomical and physiological characteristics, the basic methods of clinical and laboratory examination and assessment of the	is able to analyze the patterns of functioning of individual organs and systems, use knowledge of anatomical and physiological characteristics, the main methods of clinical

	functional state of the body of an adult and children, for the timely diagnosis of diseases and pathological processes;	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. Readiness to identify pathological conditions, symptoms, disease syndromes, nosological forms in patients.
<b>PC -13</b>	Able to identify in patients the main pathological symptoms and syndromes of diseases, using knowledge of the basics of biomedical and clinical disciplines, taking into account the course of pathology in organs, systems of the body as a whole, to analyze the patterns of functioning of organs and systems in various diseases and pathological processes, to use the algorithm for making a diagnosis (main, concomitant, complications), taking into account the ICD-10, carry out the main diagnostic measures to identify urgent and life-threatening conditions.	The main pathological symptoms and syndromes of diseases in patients, taking into account the ICD-10. To carry out the main diagnostic measures to identify urgent and life-threatening conditions, having a methodology for providing emergency care to patients: resuscitation measures in case of clinical death; mouth-to-mouth artificial respiration; methods of cleaning the upper respiratory tract.
<b>Healing activities</b>		
<b>PC- 14</b>	is able to perform basic therapeutic measures for the most common diseases and conditions in adults and children;	is able to carry out the main therapeutic measures for the most common diseases and conditions in the adult population and children, readiness to manage and treat patients who need to be provided with prehospital medical care in case of emergency;
<b>PC-15</b>	is able to prescribe adequate treatment to patients in accordance with the diagnosis;	is able to prescribe adequate treatment to patients in accordance with the diagnosis, readiness to manage and treat patients who need prehospital medical care in case of emergency;
<b>PC-16</b>	is able to provide the adult population and children with first medical aid in the event of emergency and life-threatening conditions, to send patients to hospitalization in a planned and emergency	is able to provide the adult population and children with first medical aid in the event of emergency and life-threatening conditions, to send



	manner;	patients to hospitalization in a planned and emergency manner;
<b>PC -17</b>	is able to prescribe adequate treatment to patients in accordance with the diagnosis;	is able to prescribe adequate treatment to patients in accordance with the diagnosis, readiness;
<b>PC -18</b>	is able to provide the adult population and children with first medical aid in the event of emergency and life-threatening conditions, to send patients to hospitalization in a planned and emergency manner;	is able to provide the adult population and children with first medical aid in the event of emergency and life-threatening conditions, to send patients to hospitalization in a planned and emergency manner;
<b>Rehabilitation activities</b>		
<b>PC -19</b>	is able and ready to apply rehabilitation measures (medical, social and professional) among the adult population and children with the most common pathological conditions and injuries of the body;	is able and ready to apply rehabilitation measures (medical, social and professional) among adults and children with the most common pathological conditions and injuries of the body, readiness to provide emergency medical care to patients with different pathologies in emergencies, participation in medical evacuation;
<b>PC -20</b>	is able to give recommendations on the choice of the regimen, determine the indications and contraindications for the appointment of remedies for exercise therapy, physiotherapy, non-drug therapy, use the main resort factors in the treatment of adults and children	is able to give recommendations on the choice of a regimen, to determine indications and contraindications for the appointment of physical therapy, physiotherapy, non-drug therapy, to use the main resort factors in the treatment of adults and children;
<b>Educational activities</b>		
<b>PC-21</b>	able to teach secondary and junior medical personnel and patients the rules of the sanitary and hygienic regime, ethical and deontological principles;	able to teach secondary and junior medical personnel and patients the rules of the sanitary and hygienic regime, ethical and deontological principles;

<b>PC -22</b>	able to teach adult and children the rules of medical behavior; to conduct hygienic procedures, to form the skills of a healthy lifestyle;	able to teach adult and children the rules of medical behavior; to conduct hygienic procedures, to form the skills of a healthy lifestyle;
<b>Organizational and managerial activities</b>		
<b>PC -23</b>	able to use the regulatory documentation adopted in the health care of the Kyrgyz Republic;	able to use the regulatory documentation adopted in the health care of the Kyrgyz Republic;
<b>PC -24</b>	able to use the knowledge of the organizational structure, healthcare organizations. Referral and redirection system;	able to use the knowledge of the organizational structure, health organizations, the system of referral and redirection, readiness to apply the basic principles of organization and management in the field of health, medical organizations and their structural divisions;
<b>PC -25</b>	able to ensure the rational organization of the work of secondary and junior medical personnel of medical and preventive institutions;	able to ensure the rational organization of the work of secondary and junior medical personnel of medical and preventive institutions;
<b>PC -26</b>	must know the main issues of the examination of working capacity (temporary) among the population, carry out the prevention of disability among adults and children;	must know the main issues of the examination of working capacity (temporary) among the population, carry out the prevention of disability among adults and children, and be ready to participate in the assessment of the quality of medical care using the main medical statistics indicators;
<b>Research activities</b>		
<b>PC -27</b>	ready to study scientific and medical information, domestic and foreign experience on the subject of research;	ready to study scientific and medical information, domestic and foreign experience on the subject of research, including general and specific questions on the use of modern search methods in various areas;

The graduate model reflects the goals of education, that is, the expected results of education.

**The goal (expected result)** of modern education, in our opinion, can be considered the development of those personality traits that are necessary for self-development, for professional self-realization, and, at the same time, can be fully used by society. The graduate model is

dynamic and is based on the principle of continuous improvement of quality based on feedback and anticipatory communication.

**Learning result 1:** Able to use the basic knowledge of the humanities, natural sciences, and economics in professional work.

**Learning result 2:** Able to carry out business communication, argumentatively and clearly express their thoughts in the state and official languages, speak one of the foreign languages at the level of social communication.

**Learning result 3:** able to implement ethical and deontological principles, analyze the results of his own activities and apply the acquired knowledge for rational use in professional activities.

**Learning result 4:** Able to own and use information resources, computer equipment, medical equipment to solve professional problems.

**Learning result 5:** able to apply fundamental knowledge in the assessment of morphofunctional and physiological states of the body for the timely diagnosis of diseases and the detection of pathological processes.

**Learning result 6:** able to interpret the results of biochemical and clinical studies when making a diagnosis.

**Learning result 7:** able to carry out preventive and anti-epidemic measures aimed at preventing the occurrence of diseases, preserving and strengthening health.

**Learning result 8:** can analyze and interpret the data obtained and prescribe adequate treatment and provide primary medical care, make decisions in urgent and life-threatening situations

**Learning result 9:** able to carry out rehabilitation activities among adults, adolescents and children with the use of physical therapy, physiotherapy, and resort factors.

**Learning result 10:** possesses management skills in the health care system, maintain accounting and reporting documentation, analyze statistical data.

**Learning result 11:** able to analyze scientific literature and official static reviews, participates in solving research tasks for the development of new methods and technologies in the field of medicine.

**LR1 - Is able to use basic knowledge of humanities, natural sciences, economic disciplines in professional work.**

**LR 1= GSC1+GSC2+GS3+GSC4+SPGCC2**

GSC-1 - able to analyze socially significant problems and processes, to use in practice methods of humanities, natural-science, medical-biological and clinical sciences in various types of professional and social activities;

GSC - 2 - able to analyze world outlook, socially and personally significant problems, basic philosophical categories, self-improvement;

GSC 3 - capable of analyzing significant political events and trends, mastering the basic concepts and laws of the world historical process, respecting and caring for the historical heritage and traditions, possessing knowledge of historical and medical terminology, making decisions in standard and non-standard situations and taking responsibility for them

GSC -4 - able to analyze economic problems and social processes, use the methods of economic relations in the health care system;

SPGCC -2 - able and ready to reveal natural-scientific essence of the problems arising in the course of professional activity of the doctor.

**LR2 - Is able to conduct business communication, express his/her thoughts clearly and reasonably in the state and official languages, speak one of the foreign languages at the level of social communication.**

**LR2 = GSC5+GSC6+IC2**

GSC -5 - capable of logical and reasoned analysis, public speaking, debate and controversy, educational and training activities, cooperation and conflict resolution; tolerance;

GSC -6 - capable and ready to learn one of the foreign languages at the level of everyday communication, for written and oral communication in the state language and official languages;

IC-2 - ready to learn written and oral communication in the state language and official languages, capable of mastering one of the foreign languages at the level of everyday communication;

**LR3 - Able to implement ethical, deontological principles, analyze the results of their own activities and apply their knowledge for rational use in professional activities.**

**LR3 = SPGCC 1+GSC7+ GSC 8+IC3+PC1 +PC21+PC25**

SPGCC 1 - is able to implement ethical and deontological aspects of medical practice in communication with colleagues, nurses and junior staff, adults and children, work in a team and team, communicate effectively with colleagues, management, patients.

GSC -7 - able to use management methods; organize teamwork, find and make responsible managerial decisions within his/her professional competence;

GSC -8 - able to carry out his/her activities taking into account moral and legal norms accepted in the society; to comply with the rules of medical ethics, laws and regulations on working with confidential information; to keep medical secrecy.

IC-3 - is able to use management methods; organize the work of performers; find and make responsible managerial decisions in conditions of different opinions and within their professional competence;

PC-1 - able to analyze the results of their own activities to prevent medical errors. while being aware of disciplinary, administrative, civil and criminal responsibility;

PC-21 - able to train nursing and junior medical staff and patients on the rules of sanitary-hygienic regime, ethical and deontological principles;

PC-25 - able to ensure the rational organization of the work of nursing and junior medical personnel of medical and preventive institutions;

**LR4 - Capable of owning and using information resources, computer equipment, medical equipment to solve professional problems.**

**LR4 = IC1+ IC4+ SPGCC 3+PC5+PC27**

IC-1 - ability to work independently on the computer (elementary skills);

IC 4 - willingness to work with information from various sources, using information, bibliographic resources, terminology, information and communication technologies, to be able to analyze and apply the collected information in a rapidly changing modern environment, ready to use regulatory documents in their activities.

SPGCC 3 - capable of analyzing medical information using modern information technologies, based on the principles of evidence-based medicine;

PC-5 - able to work with medical and technical equipment used in working with patients, to master computer technology, obtain information from various sources, work with information in global computer networks, apply the capabilities of modern information technology to solve professional problems;

PC 27 - ready to study scientific and medical information, domestic and foreign experience on the subject of research, including general and specific questions on the use of modern search methods in various areas;

**LR5 - Is able to apply fundamental knowledge in assessing morphofunctional and physiological states of the body for timely diagnosis of diseases and detection of pathological processes.**

**LR5 = PC3+PC12+PC13**

PC-3 - able to conduct pathophysiological analysis of clinical syndromes, justify pathogenically justified methods (principles) of diagnosis, treatment, rehabilitation and prevention among adults and children taking into account their age and sex groups;

PC-12 - able to analyze the patterns of functioning of individual organs and systems, to use knowledge of anatomical and physiological features, basic methods of clinical and

laboratory examination and evaluation of the functional state of the organism of adults and children, for timely diagnosis of diseases and pathological processes;

PC-13 - able to identify patients with the main pathological symptoms and disease syndromes, using knowledge of the basics of biomedical and clinical disciplines, taking into account the course of pathology in organs, body systems as a whole, analyze the patterns of functioning of organs and systems in various diseases and pathological processes, use the algorithm of diagnosis (main, related, complications) with the ICD-.10, perform basic diagnostic measures to identify emergencies and life-threatening conditions;

**LR6 - Able to interpret the results of biochemical and clinical tests when making a diagnosis.**

**LR6 = PC2+PC11+PC4**

PC-2 - able and ready to conduct and interpret the interview, physical examination, clinical examination, the results of modern laboratory and instrumental studies, write medical records of outpatient and inpatient adult and child patients;

PC-4 - able to apply methods of asepsis and antiseptics, use medical instruments, know the technique of care for sick adults and children;

PC-11 - able and ready to make a diagnosis based on the results of biochemical and clinical research, taking into account the course of the pathology on the organs, systems and the body as a whole;

**LR7 - Able to carry out preventive and anti-epidemic measures aimed at preventing disease, preserving and promoting health.**

**LR7 = SPGCC 5+PC7+PC8+PC9+PC10+PC22**

SPGCC -5 - able to use methods of assessment of natural (including climatic and geographical) and medico-social environmental factors in the development of diseases in children and adolescents, conduct their correction;

PC-7 - to carry out preventive measures for the prevention of infectious, parasitic and non-infectious diseases, conduct health education on hygienic issues;

PC-8 - is able to conduct with the attached population preventive measures to prevent the most common diseases, to carry out general health measures to develop a healthy lifestyle, taking into account risk factors, to make recommendations for a healthy diet;

PC 9 - is able to conduct the selection of persons for monitoring, taking into account the results of mass tuberculin diagnostics and fluorography examination, to assess its results for early detection of tuberculosis;

PC-10 - able to carry out anti-epidemic measures, protection of population in foci of especially dangerous infections, in case of deterioration of radiation situation and natural disasters;

PC-22 - able to teach the adult population, children the rules of medical behavior; to carry out their hygienic procedures, to form the skills of a healthy lifestyle;

**LR8 - Can analyze and interpret data and prescribe adequate treatment and primary care, make decisions in emergency and life-threatening situations.**

**LR8= PC14+ PC 8+ PC 15+ PC 16+ PC 17+ PC 18**

PC 8 - is able to carry out preventive measures with the attached population to prevent the occurrence of the most common diseases, to carry out general health measures to form a healthy lifestyle, taking into account risk factors, to give recommendations on healthy eating;

PC-14 - able to perform basic therapeutic measures for the most common diseases and conditions in adults and children;

PC-15 - able to prescribe adequate treatment for patients according to the diagnosis;

PC-16 - able to provide first aid to adults and children in case of

able to provide first aid to adults and children in case of emergency and life-threatening conditions, direct patients for hospitalization in planned and urgent manner;

PC-17 - able to prescribe adequate treatment for patients according to diagnosis:

PC-18 - able to administer first aid to adults and children in case of emergency and life-threatening conditions, refer patients for hospitalization in a planned and urgent manner;

**LR9 - Is able to conduct rehabilitation activities among adults, adolescents and children using physical therapy, physiotherapy, spa factors.**

**LR9 = PC19+PC20+PC26**

PC- 19 - able and ready to apply rehabilitation measures (medical, social and professional) among adults and children for the most common pathological conditions and injuries;

PC- 20 - able to give recommendations on the choice of regime, determine indications and contraindications for the appointment of physical therapy, physiotherapy, non-pharmacological therapy, use the main spa factors in the treatment of adults and children;

PC-26 - must know the main issues of examination of disability (temporary) among the population, to carry out the prevention of disability among adults and children;

**LR10 - Knows how to manage the health care system, keep records and reports, analyze statistical data.**

**LR10 = SPGCC4+PC6+PC23+PC24**

**SPGCC -4** - able to apply modern socio-hygienic methods of collection and medical-statistical analysis of information on health indicators of children:

PC-6 - able to apply modern information on health indicators of the population at the level of LPU.

PC-23 - able to use regulatory documentation adopted in health care of the Kyrgyz Republic;

PC24 - is able to use the knowledge of organizational structure, health care organizations.

**LR11 - Can analyze scientific literature and official statistical reviews, participates in solving scientific and research problems, but develop new methods and technologies in the field of medicine.**

**LR11 = IC4 + SPGCC3 +PC27**

IC-4 is ready to work with information from different sources.

SPGCC -3 is able to analyze medical information based on the principles of evidence-based medicine;

PC-27 - ready to study scientific and medical information, domestic and foreign experience on the topic of research.

#### **4. THE DOCUMENTS REGULATING THE CONTENT AND ORGANIZATION OF THE EDUCATIONAL PROCESS IN THE IMPLEMENTATION OF THIS MAIN CURRICULUM OF HIGH PROFESSIONAL EDUCATION.**

The main curriculum of the specialty 560001 "General Medicine" includes the following academic cycles:

C.1 - humanities, social and economic cycle;

C.2 - mathematical and natural-science cycle;

C.3 - professional cycle; and sections:

-additional types of training;

-internship;

-Final State Attestation;

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

The basic part is compulsory and ensures the formation of students' universal and professional competencies, corresponding to the type (types) of professional activity, which the educational program is focused on.

The variable part is aimed at expanding and/or deepening the competencies formed by the basic part of the educational program, at shaping the students' professional competencies



established by the basic professional educational programs of higher education and related to the types of professional activity the educational program is focused on, as well as at shaping the students' competencies established by the basic professional educational programs of higher education. The content of the variable part is formed in accordance with the focus (profile) of the educational program.

The variable part consists of two parts: the university component and the disciplines chosen by students.

#### **4.1 The curriculum of the specialty 560001 "General Medicine"**

The curriculum is the main document regulating the educational process for the direction (specialty) "General Medicine". There should be the following forms of curricula:

- basic curriculum - drawn up by Adam University for the full regulatory period of study; (Appendix 2)

- working curriculum - made by Adam University for a particular academic year. (Appendix 3)

- individual curriculum of students (Appendix 4). It determines the educational trajectory of each student, taking into account the disciplines of the student's choice.

In the development of basic, working and individual curricula must meet the requirements of the State Standard of Higher Education in the relevant direction (specialty) of training.

Curricula reflect the logical sequence of study cycles and sections of the HPE curriculum (disciplines, modules, practices), providing the formation of competencies.

In forming his or her individual educational trajectory, the student has the right to get advice from the Dean's Office on the choice of disciplines and their impact on the future profile of training.

For each discipline, practice indicated types of academic work, labor intensity, forms of interim and final control.

The schedule of the educational process establishes the sequence and duration of theoretical training, exam sessions, internships, final state certification, holidays of students and is developed in accordance with the requirements of the government High Professional Education.

The curriculum is the main document regulating the educational process. The curriculum for the specialty "General Medicine" for foreign citizens with a normative period of study of 5 years on the basis of 12 years of basic secondary education is presented:

- The curriculum for the specialty "General Medicine", approved on September 11, 2020 by the Rector of Adam University and agreed \_\_ November \_\_, 2020. Ministry of Education and Science of the Kyrgyz Republic.

- The working curriculum (for each semester) on the specialty " General Medicine ", approved by the Rector for each academic year

#### **4.2 Educational-methodical complexes of disciplines**

The educational-methodical complex (EMC) of discipline (modules), which includes working programs, is a mandatory part of the basic educational program, is made for each discipline and is a set of educational and methodical documentation used in the process of teaching a discipline in high school.

- EMC discipline (modules) determines the scope, content, the order of study of the discipline (modules), as well as ways to monitor the results of its study.

- The order of development, the general requirements to the structure, content, design, as well as the approval procedure of the EMC discipline (module) and their storage is regulated by the approved "Regulations on the EMC discipline (modules) of the main curriculum of government High Professional Education " of Adam University Higher School of Medicine from 05.10.2020. (Appendix 5)

The requirements for the development of the EMC are uniform in the educational space of Adam University School of Medicine and must be observed by all departments. The department is responsible for the development of EMC on the discipline. Responsibility for the content and design of the EMC on the discipline is borne by the responsible programs of Adam University School of Medicine.

- EMC is developed by the teacher (teachers), leading classes for this discipline. All characteristics (workload, semesters, forms of training, types of control activities, etc.) correspond to the approved curriculum.

- The EMC makes a selection of graduate competences formed in the framework of the discipline with the established labor intensity (in credits and hours), deployment of competences by levels of manifestation in professional activity is made - situations, problems, tasks that a student should learn to solve in the discipline, requirements to differentiated levels of knowledge, abilities and skills are established, The content of discipline, necessary for formation of competences is developed, means, methods, criteria of an assessment of mastering by the student of results of training are generated, methodical recommendations to the teacher on the organization of forms and technologies of teaching are developed, methodical instructions to the student on the organization of his training, including independent work are developed.

- Every year the departments conduct an examination of the curricula of disciplines (modules) of the program in terms of the content of disciplines and submit proposals to the Academic and Methodological Council of Adam University School of Medicine.

- Each year the teaching and methodological council of Adam University School of Medicine. conducts an examination of curricula of "General Medicine" program on the relevance, logical sequence of the studied disciplines, the content of disciplines of the program and submits proposals to the Academic Council of the University

### **4.3 Organization and providing internship and research works**

Internship of students is an integral part of the basic educational program of higher professional education and is held in accordance with the approved curriculum and schedule of the educational process in order to acquire professional skills, deepening and consolidating of knowledge and competencies acquired during theoretical training.

The total duration, types of practices and competences acquired during practices are determined by the state educational standard of High Professional Education on specialty "General Medicine".

Goals, objectives and requirements for practices, as well as the content and procedure for reporting on practices are formulated in the framework of practice programs. Practicum programs are developed on the basis of basic professional educational programs of higher education on specialty under the guidance of the Vice-Rector for Academic Affairs, considered by the Faculty Council and approved by the Academic Council of Adam University.

The aim of internship is to train students in practical skills and to prepare them for independent professional activity in their chosen specialty. Practices are regulated by the "Regulations on internship" of students mastering basic professional educational programs of higher education.

Management, coordination and methodological support of practices is carried out by the responsible for the practice of Adam University School of Medicine under the guidance of the Dean of the Faculty. Responsible teachers are appointed to supervise the practice of students.

During realization of this main educational program of Adam University School of Medicine by specialty "General Medicine" the following kinds of practical training are foreseen: nurse assistant - 4 credits (2<sup>nd</sup> semester); first-aid assistant - 4 credits (4<sup>th</sup> and 5<sup>th</sup> semesters), hospital doctor assistant - 4 credits (6<sup>th</sup> and 7<sup>th</sup> semesters), assistant doctor of general medicine - 4 credits (9<sup>th</sup> and 10<sup>th</sup> semesters). Internship programs are included in Regulations of internship (Appendix 6).

The basis of internship are medical organizations:

1. Tokmok Territorial Hospital

2. LLC “Cardiocenter”
3. National Academy of Science of the Kyrgyz Republic Institute of Physical and Technical Problems and Materials Science
4. LLC “Clinic of Asymbekova professor”
5. LLC “Zodrus”
6. “Adamed” Health Center

#### **Student's research work**

Research work is a mandatory part of the main curriculum training of a specialist. It is aimed at the comprehensive formation of general cultural and professional competencies in accordance with the requirements of the State Educational Standard for the specialty "General Medicine".

Research work includes the preparation of students through the development of methods, techniques and skills of performing research work, the development of their creative abilities, independence, initiative in learning and future professional activities within the specialty.

When developing a research program, a higher educational institution should provide students with the opportunity to: participate in conducting scientific research or performing technical developments; study special and other scientific and technical information about the achievements of domestic and foreign science and technology in the relevant field of knowledge; collect, process, analyze and systematize scientific and technical information on the topic; make reports on the topic; make a report at a conference.

In the process of performing 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 allows assessing the level of competencies formed by the student. Appendix 7.

#### **4.4 Academic schedule**

The organization of the educational process in mastering of the main curriculum by students of all forms of education is formed for the academic year on the basis of the requirements of the State Educational Standard for the specialty or direction of preparation for the terms of the development of the main curriculum and syllabus.

The calendar training schedule of the main curriculum in the specialty "General Medicine" sets the sequence and duration of theoretical training, examination sessions, practices, final state certification, student holidays and is presented in the curriculum of the specialty (schedule of the educational process).

#### **4.5 Organizing and conducting courses at students' option (CSO).**

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

CSOs are offered by departments taking into account the direction of study (specialty) for each of the sections of the curriculum and are fixed in agreement with the educational department in the working curricula. CSO in the sections of the working curriculum on the content, as a rule, supplement the mandatory disciplines of these sections.

#### **4.6 Organization and conduction 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 the development of general and professional competencies, which is carried out without the direct supervision of the 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 State budget, it should be 50% of the total hours provided for the development of the main educational program in the humanities and natural science blocks and 30% in the professional block.

The types of IWS are determined by the requirements of the State Educational System, the content of the academic discipline, the degree of readiness of students and are approved at the department when developing the educational and methodological complex (work program), the academic discipline (module) of the main educational program.

The methodology of organizing the IWS depends on the structure, nature and features of the discipline being studied, the number of hours spent on 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 completion of all planned tasks by all students on time and with the right 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, is signed in the curriculum, and the types and forms of control of the IWS are established by the department and are 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 course of 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 studied discipline.

The IWS is organized and implemented in accordance with the Regulations on independent work of students, approved by the order of the Rector of Adam University dated 25.08.2020.

## **5. RESOURCE SUPPORT OF THE MAIN CURRICULUM HIGHER PROFESSIONAL EDUCATION (HPE) IN THE SPECIALTY “General Medicine”**

### **5.1. Educational, methodological and informational support of the educational process in the implementation of the Main Curriculum HPE**

#### **Educational and methodological and informational support of the educational process**

The provision of students with educational and methodological literature in the specialties is 1 textbook per student in compulsory subjects and methodological manuals, for additional literature-also 1 textbook per student.

The main educational program is provided with educational and methodological documentation and materials for all training courses, disciplines (modules) of the main educational program.

Adam University has an official website of the library <http://library.kgma.kg/> which provides access to the electronic catalog of the library, the database of teaching aids and lectures in online mode, the following electronic resources are available: clinical protocols, guidelines of the Ministry of Health of the Kyrgyz Republic, training courses of the Kyrgyz scientific and educational computer network, Kyrgyz virtual scientific library [www.kyrgyzstanvsl.org](http://www.kyrgyzstanvsl.org), Russian Scientific Electronic Library, Polpred.com. Every year, the teaching staff publishes educational and methodological developments and other publications, including in English and Kyrgyz.

Extracurricular work is accompanied by methodological support and justification of the time spent on its implementation and control.

The implementation of the main educational program is ensured by the access of each student to databases and library collections formed according to the full list of disciplines (modules) of the main educational program. During independent training, students are provided with access to the Internet.

According to the Resolution of the Government of the Kyrgyz Republic "On approval of the Temporary Regulation on the procedure for licensing educational activities of the Kyrgyz Republic" (dated 23.07.2018, No. 334), the provision of mandatory textbooks should be 0.5, the provision of methodological manuals for performing laboratory, practical and course work 1:1.

At the same time, the electronic library of the University has an electronic version of each of the books. To provide students with electronic resources, the University actively uses an educational platform that contains educational and methodological materials, in addition, each

discipline is supplemented with video and audio materials, animated presentations. (Appendix 8 complete list of books).

Adam University has an electronic library <http://biblioteka.bafe.edu.kg/> to date, the University fills the electronic catalog with medical literature. Books in the electronic library are presented in the following formats: Electronic books (html); Electronic versions. Since 2019, students and staff of Adam University have access to the Kyrgyz Virtual Scientific Library (VSL) and the Russian Virtual Library LLC “POLPRED REFERENCE BOOKS”, which can be accessed from anywhere.

## 5.2 Staffing for the implementation of the Main Curriculum HPE

Academic year	Total	PhD		Candidate of science		Staff without any science degree	
		amount	%	amount	%	amount	%
2018-2019	16	1	7%	6	40%	8	53%
2019-2020	29	0	0%	11	38%	18	62%
2020-2021	48	3	6%	16	33%	29	61%

## 5.3. The main material and technical conditions for the implementation of the educational process at the University in accordance with the Main Curriculum HPE.

Adam University has a material and technical base that provides all types of laboratory, disciplinary and interdisciplinary training, practical and research work of students, provided for in the curriculum of the university and in accordance with the current sanitary and fire safety rules and regulations.

For the implementation of the Main Curriculum training of specialists, the list of material and technical support of Adam University includes:

- laboratories for physics, chemistry, biochemistry; biological chemistry; biology; physiology; microbiology and virology, pharmacology; pathological anatomy; pathophysiology;
- anatomical hall, anatomical museum;
- specially equipped classrooms and classrooms for the study of humanities and socio-economic disciplines, hygiene, public health and public health;
- offices equipped for the reception and screening of patients;
- medical offices equipped with the necessary equipment to work with adults receiving preventive, diagnostic, therapeutic (therapeutic and surgical profile) and rehabilitation care.

### Research work

Research and science work are mandatory part of the Main Curriculum training of a specialist. It is aimed at the comprehensive formation of general cultural and professional competencies in accordance with the requirements of the State Educational Standard approved by the Government of the Kyrgyz Republic on September 28, 2015.

The involvement of students in research activities is an important requirement of the University. From the first years of study at the relevant departments, students are introduced to various research methods: genetic, biochemical, histochemical, morphological, immunological, physiological, pharmacological and pharmaco-toxicological, as well as to the methodology of critical evaluation of scientific medical literature. In addition, research includes the use of analytical, radiological and biometric methods, as well as the use of modern methodologies for statistical data processing.

The research activity of students is an integral part of the process of training a qualified doctor and is aimed at developing his competence to integrate the acquired theoretical knowledge and practical skills, as well as the ability to include in the learning process new scientific methods for analyzing and evaluating various complex phenomena occurring in the human body. The system of stimulating and developing scientific research within the framework of student scientific circles is organized. The positive dynamics of students' participation in scientific circles is noted. At the same time, students participate in various international Olympiads.

## **6. CHARACTERISTICS OF THE SOCIO-CULTURAL ENVIRONMENT OF THE UNIVERSITY, ENSURING THE DEVELOPMENT OF GENERAL CULTURAL COMPETENCIES OF STUDENTS.**

At Adam University, educational work is a very important and integral part of the multi-level continuous educational process. For this purpose, a plan of educational work is developed and approved every year, including separately for foreign students. Compliance with this plan is the responsibility of the curators. The Institute of Curators works directly with students, identifying problems and helping to solve existing problems.

### **Tasks of educational work**

- Strengthening the students' civic position, legal and political culture, respect for the rule of law and the rule of law.
- Strengthening and improving the physical condition, responsible attitude to the lifestyle, demonstrating an intolerant attitude to drugs, drunkenness, anti-social behavior.
- Education of moral qualities, inner freedom and self-esteem, the need for mercy and the formation of the mentality of a socially responsible citizen.
- Creating conditions for updating the principles of a healthy lifestyle.



- Creating conditions for the formation of professional interests
- Versatile development of students
- Adapting international students to local life
- Encouraging students to take their studies seriously and attend classes

consistently

- Creating a friendly and cohesive atmosphere

Each activity included in the plan helps to develop the general cultural and social competencies of students.

## **7. Regulatory and methodological support of the quality assessment system**

### **7.1. Valuation funds**

Adam University provides a guarantee of the quality of training of specialists, including by:

- development of a strategy to ensure the quality of training of graduates with the involvement of representatives of employers;
  - monitoring, periodic review of educational programs;
  - development of objective procedures for assessing the level of knowledge and skills of students, the competencies of graduates;
  - ensuring the competence of the teaching staff;
  - regularly conduct self-certification according to agreed criteria to evaluate their activities (strategies) and compare them with other educational institutions with the involvement of representatives of employers;
  - informing the public about the results of their activities, plans;

The assessment of the quality of mastering the Main Curriculum training of specialists includes the current control of academic performance, intermediate certification of students and the final state certification of graduates.

Specific forms and procedures for the current and intermediate control of knowledge in each discipline are developed by the university independently and are brought to the attention of students within the first month from the beginning of training.

For certification of students for compliance of their personal achievements with the step-by-step requirements of the relevant main curriculum (current and intermediate certification), assessment funds are created, including standard tasks, control works, tests and control methods that allow assessing knowledge, skills and the level of competence formation. Assessment funds are developed and approved by the university.

The assessment funds should be complete and adequate representations of the requirements of the State Educational Standard for the given specialty, and correspond to the goals and objectives of a specific specialist training program and curriculum. They are designed to provide an assessment of the quality of general cultural and professional competencies acquired by the graduate in accordance with these requirements. Assessment funds should be formed on the basis of approximate assessment funds agreed with the Ministry of Health of the Kyrgyz Republic.

- When developing assessment tools for monitoring the quality of studying modules, disciplines, and practices, all types of links between the knowledge, skills, and skills included in them should be taken into account, which allow us to determine the quality of the competencies formed by students by type of activity and the degree of general readiness of graduates for professional activity.

- When designing assessment tools, it is necessary to provide an assessment of the students' ability to creative activity, their readiness to search for solutions to new problems associated with the lack of specific special knowledge and the lack of generally accepted algorithms for professional behavior.

- In addition to individual assessments, mutual assessments should be used: students reviewing each other's work; students opposing abstracts, projects, research papers, etc.

**Traditional:** An oral survey- a control conducted after studying the material in one or more sections of the discipline in the form of answers to questions and discussion of the situation.

**A written survey:** is a control that involves working with the questions posed, solving problems, analyzing situations, and performing practical tasks in separate sections of the course.

**Combined** survey-control, involving the simultaneous use of oral and written forms of assessment of knowledge on one or more topics.

**At the bedside** of a patient in a clinic with the participation of a real patient.

**Clinical skills training** in the training and simulation center.

**Interactive (innovative):**

**A case study** is a group discussion of issues of a problematic nature that allows you to demonstrate the skills of independent thinking and the ability to make decisions.

**Business, role-playing games** – a method of teaching that allows students to perform in various professional roles and create a problem situation in the classroom.

*The brainstorming method* is an operational method of producing ideas and solutions in group work based on stimulating creative activity, in which students are invited to express, perhaps, a greater number of options for solving a situation.

*The method of group discussion* consists in a specific form of conversation, which is aimed at teaching students the analysis of professional situations, the formation of skills for problem formulation, the development of the ability to interact with other participants, as well as the formation of skills for collective decision-making on various professional problems.

*Portfolio* – a set of various works of students, performed by them for a certain period of time (for 1,2 boundary controls, for a semester, an academic year).

Testing is a method of pedagogical measurement, which is a set of interrelated tasks of increasing complexity that allow you to reliably and validly evaluate the knowledge and other characteristics of the student that are of interest to the teacher (V. S. Avanesov).

*The PBL method* (problem-based learning – problem-oriented learning) is a training method in which the student will master the components of competence in various disciplines in the process of independent work on the problem. In the PBL process, disciplines are integrated both horizontally (disciplines of the same level) and vertically (basic and profile disciplines).

*The TBL method* (team-based learning - learning in small groups) is a team – based learning method that allows students to develop teamwork skills.

- Adam University has created conditions for the maximum approximation of the system of assessment and control of specialists' competencies to the conditions of their future professional activity. For this purpose, in addition to teachers of a particular discipline, employers (representatives of interested medical institutions, research institutes, firms), teachers who read related disciplines, etc. are actively used as external experts.

Students should be given the opportunity to evaluate the content, organization and quality of the educational process as a whole, as well as the work of individual teachers.

The current and final assessment of knowledge is carried out using the computer programs Moodle and ZOOM. (Application Order for teaching staff on the Moodle and ZOOM platforms).

A point-rating system for evaluating students' academic achievements, provides the opportunity to transfer the credit of the acquired knowledge in the European space.

## **7.2. Final state certification of MEP graduates**

The final state 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 certification tests are designed to determine the practical and theoretical readiness of the graduate to perform professional tasks established by the state educational

standard, and to continue education in internship, residency or postgraduate studies in the theoretical areas of medicine.

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

Students who do not have academic debt and have fully completed the academic plan are allowed to participate in the Final State Certification.

The purpose of the Final State Certification is to establish compliance with the level of competence formation and the assigned qualification – General Practitioner. The Final state certification evaluates the readiness of the graduate to solve professional problems with a greater degree of independence.

The terms of the Final State Certification are determined by the EMC HSM of Adam University in accordance with the schedule of the educational process.

To conduct the Final State Certification, a State Certification Commission is established in accordance with the procedure provided for in the Regulations on the Final State Certification of Graduates of the Ministry of Education and Science of the Kyrgyz Republic.

#### **The procedure for conducting the Final State Certification**

The state final certification is carried out in stages according to the schedule and includes mandatory certification tests:

1. Interdisciplinary state exam in the disciplines "Kyrgyz language and literature", "History of Kyrgyzstan", "Geography of Kyrgyzstan".

2 Interdisciplinary comprehensive exams in the specialty:

Stage 1-curation at the bedside;

Stage 2-interdisciplinary testing;

Stage 3-oral interview on the ticket.

Procedure for conducting an interdisciplinary comprehensive exam in the specialty:

#### **Stage I-examination at the patient's bedside.**

The practical professional training of the graduate is evaluated. It is carried out on the appropriate clinical bases that form the basis of the system before graduation in the specialty "Medical Care". The duration of the stage allows the graduate to consistently perform all the necessary skills and abilities for professional activity. The results of practical skills and abilities are evaluated as "completed" or "not completed". Stage

#### **Stage II-certification testing.**

The test results are evaluated as "passed" or "not passed»

**Stage III-final interview.**

Checking the professional training of the graduate, i.e. the level of his competence in using the theoretical basis for solving professional situations. The interview is conducted on the basis of a decision. clinical situational tasks in surgery, therapy and obstetrics with gynecology and is evaluated on a five-point system. The assessment in this case is subject to the degree of the graduate's ability to develop and implement optimal solutions to such situations based on the integration of the content of the disciplines included in the certification test. Based on the results of the three stages, the final score for the interdisciplinary exam is given.

The evaluation criteria for each stage of the state interdisciplinary examination are approved by the chair of the State Attestation Commission.

Subject to the successful completion of all the established forms of conducting the SFC, a graduate in the specialty 560001 "General Medicine" is awarded the qualification "Doctor" and a state diploma of higher professional education is issued.

Dean of AUSM  
Associate prof.



Turatova T. D.

**Adam University High School of Medicine**  
**Competence matrix**

Name of the discipline	GSC-1	GSC-2	GSC-3	GSC-4	GSC-5	GSC-6	GSC-7	GSC-8	IC-1	IC-2	IC-3	IC-4	SPGC-1	SPGC-2	SPGC-3	SPGC-4	SPGC-5	PC-1	PC-2	PC-3	PC-4	PC-5	PC-6	PC-7	PC-8	PC-9	PC-10	PC-11	PC-12	PC-13	PC-14	PC-15	PC-16	PC-17	PC-18	PC-19	PC-20	PC-21	PC-22	PC-23	PC-24	PC-25	PC-26	PC-27												
<b>HUMANITARIAN, SOCIAL AND ECONOMIC CYCLE</b>																																																								
<b>Basic part</b>																																																								
Kyrgyz language and literature	+	+	+	+	+	+				+		+	+	+																																										
Russian language					+	+			+	+		+																																												
Latin language	+	+			+							+																																												
Foreign language					+	+				+		+																																												
History and geography of Kyrgyzstan	+		+	+								+																																												
History of medicine	+		+	+	+	+						+	+	+																																										
Philosophy	+	+	+	+																																																				
Manas studies	+	+	+																																																					
<b>Variable part</b>																																																								
<b>University component</b>																																																								
Economics of health service				+	+		+				+	+	+		+	+								+	+																															
Communication skills and presentations	+	+	+	+				+				+																																												
<i>Students' choice course</i>																																																								
<b>MATHEMATICAL AND NATURAL-SCIENTIFIC CYCLE</b>																																																								
<b>Basic part</b>																																																								
Medical Physics and Higher Mathematics	+			+					+			+		+										+																																
computer science	+								+			+			+	+								+	+																															
Chemistry (general and bioorganic)	+											+		+																																										
<b>Variable part</b>																																																								
<b>University component</b>																																																								
Molecular biology	+	+										+		+			+								+																															



Name of the discipline	GSC-1	GSC-2	GSC-3	GSC-4	GSC-5	GSC-6	GSC-7	GSC-8	IC-1	IC-2	IC-3	IC-4	SFGC-1	SFGC-2	SFGC-3	SFGC-4	SFGC-5	PC-1	PC-2	PC-3	PC-4	PC-5	PC-6	PC-7	PC-8	PC-9	PC-10	PC-11	PC-12	PC-13	PC-14	PC-15	PC-16	PC-17	PC-18	PC-19	PC-20	PC-21	PC-22	PC-23	PC-24	PC-25	PC-26	PC-27						
Family medicine / outpatient therapy	+							+				+	+	+	+	+	+		+	+									+	+	+	+	+										+				+			
<b>Childhood diseases</b>																																																		
Propedeutic Pediatrics								+				+	+		+				+	+									+	+																			+	
Children's diseases / outpatient pediatrics	+							+				+	+	+	+				+	+									+	+	+	+	+	+				+								+			+	
Children's infectious diseases	+							+				+	+		+				+	+					+					+	+																		+	
<b>Surgical diseases</b>																																																		
Propedeutical Surgery (General Surgery)	+							+				+	+						+	+		+							+																				+	
Surgical diseases / outpatient surgery	+							+				+	+		+				+	+	+	+								+	+																		+	
Pediatric surgery	+							+				+	+						+	+		+								+	+																		+	
Operative surgery	+							+				+	+						+	+		+								+	+																		+	
obstetrics and gynecology	+							+				+	+	+	+				+	+	+	+								+	+	+	+	+	+														+	
Anesthesiology, intensive care, emergency conditions	+							+				+	+	+																	+																			+
<b>Clinical modules</b>																																																		
Respiratory system	+							+	+				+	+					+	+									+	+	+																		+	
Endocrine system	+							+	+				+	+					+	+									+	+	+																			+
Gastrointestinal tract	+							+	+				+	+					+	+									+	+	+																			+
Reproductive system	+							+	+				+	+	+				+	+	+																												+	
The cardiovascular system	+							+	+				+	+					+	+									+	+	+																			+



<b>Name of the discipline</b>	<b>GSC-1</b>	<b>GSC-2</b>	<b>GSC-3</b>	<b>GSC-4</b>	<b>GSC-5</b>	<b>GSC-6</b>	<b>GSC-7</b>	<b>GSC-8</b>	<b>IC-1</b>	<b>IC-2</b>	<b>IC-3</b>	<b>IC-4</b>	<b>SFGC-1</b>	<b>SFGC-2</b>	<b>SFGC-3</b>	<b>SFGC-4</b>	<b>SFGC-5</b>	<b>PC-1</b>	<b>PC-2</b>	<b>PC-3</b>	<b>PC-4</b>	<b>PC-5</b>	<b>PC-6</b>	<b>PC-7</b>	<b>PC-8</b>	<b>PC-9</b>	<b>PC-10</b>	<b>PC-11</b>	<b>PC-12</b>	<b>PC-13</b>	<b>PC-14</b>	<b>PC-15</b>	<b>PC-16</b>	<b>PC-17</b>	<b>PC-18</b>	<b>PC-19</b>	<b>PC-20</b>	<b>PC-21</b>	<b>PC-22</b>	<b>PC-23</b>	<b>PC-24</b>	<b>PC-25</b>	<b>PC-26</b>	<b>PC-27</b>			
Musculoskeletal system	+											+									+																										
Hematopoietic system	+							+	+				+	+					+	+																								+			
Nervous system	+							+	+				+	+					+	+																								+			
Genitourinary system	+							+	+				+	+					+	+																								+			
<b>Variable part</b>																																															
<b>University component</b>																																															
Public health and healthcare				+	+		+				+	+	+		+	+						+	+															+	+		+		+	+			
General hygiene	+											+			+	+	+						+		+	+												+	+				+	+			
Epidemiology	+											+		+									+		+	+			+															+	+		
Introductory clinical course	+							+				+								+																											
Physiotherapy, medical supervision	+							+				+	+				+																												+	+	
Infectious diseases	+				+			+				+	+	+	+				+						+				+																+	+	
Tropical medicine	+				+			+				+	+	+	+				+						+				+																+	+	
Psychiatry and narcology								+				+			+				+							+	+																	+	+		
Dermatovenereology	+											+							+	+				+																					+	+	
Medical genetics	+							+				+	+		+				+	+																									+	+	
Neurology with the basics of neurosurgery	+							+				+	+		+				+	+					+	+																			+	+	
Otorhinolaryngology	+											+	+		+				+	+					+	+																					
ophthalmology	+											+	+		+				+	+																										+	+
Sectional course	+	+			+			+				+	+					+																											+	+	

<b>Name of the discipline</b>	<b>GSC-1</b>	<b>GSC-2</b>	<b>GSC-3</b>	<b>GSC-4</b>	<b>GSC-5</b>	<b>GSC-6</b>	<b>GSC-7</b>	<b>GSC-8</b>	<b>IC-1</b>	<b>IC-2</b>	<b>IC-3</b>	<b>IC-4</b>	<b>SPGC-1</b>	<b>SPGC-2</b>	<b>SPGC-3</b>	<b>SPGC-4</b>	<b>SPGC-5</b>	<b>PC-1</b>	<b>PC-2</b>	<b>PC-3</b>	<b>PC-4</b>	<b>PC-5</b>	<b>PC-6</b>	<b>PC-7</b>	<b>PC-8</b>	<b>PC-9</b>	<b>PC-10</b>	<b>PC-11</b>	<b>PC-12</b>	<b>PC-13</b>	<b>PC-14</b>	<b>PC-15</b>	<b>PC-16</b>	<b>PC-17</b>	<b>PC-18</b>	<b>PC-19</b>	<b>PC-20</b>	<b>PC-21</b>	<b>PC-22</b>	<b>PC-23</b>	<b>PC-24</b>	<b>PC-25</b>	<b>PC-26</b>	<b>PC-27</b>		
Traumatology, Orthopedics and Experimental Surgery	+											+	+		+				+		+								+	+		+									+	+				
Urology	+							+				+	+	+	+				+	+	+	+							+	+		+											+			
Forensic Medicine	+				+			+				+	+	+	+			+		+																				+				+		
Dentistry	+							+				+	+	+	+				+	+					+																					
Oncology	+											+	+		+				+		+							+																+		
Nursing																																														
<b>Additional types of training</b>																																														
Physical training												+														+																				
<b>Elective</b>																																														
Russian language					+	+				+		+																																		
<b>PRACTICE</b>																																														
Nurse Assistant																					+																									
Ambulance assistant																		+		+																									+	
Inpatient doctor's assistance																			+											+	+															
Assistant doctor of FMC																			+											+	+															



**БИШКЕКСКАЯ ФИНАНСОВО-ЭКОНОМИЧЕСКАЯ АКАДЕМИЯ**

**Перечень учебных дисциплин для которых необходима лабораторные занятия**

Индекс	Код дисциплины по информационному каталогу	Наименование дисциплины	Всего часов	
				12
				16 нед
<b>М-ЕН</b>	<b>Общие математические и естественно-научные дисциплины</b>			
<b>М-ЕН.Г.00</b>		<b>Государственный компонент</b>	<b>660</b>	
ЕН.Г.01		Физика, математика	90	
ЕН.Г.02		Химия	120	
ЕН.Г.03		Биология	180	
ЕН.Г.04		Биоорганическая химия	270	
<b>М-ЕН.К.1</b>	<b>Вариативная часть и курсы по выбору студента</b>			
М-ЕН.К.02		Стандартные информ технологии в медицине	<b>60</b>	
		<b>Итого по циклу М-ЕН</b>		<b>0</b>
<b>ОПД</b>	<b>Общепрофессиональные дисциплины</b>			
<b>ОПД.Г.01</b>		<b>Государственный компонент</b>	<b>#####</b>	
ОПД.Г.01.02		Анатомия	300	
ОПД.Г.01.03		Гистология, эмбриология, цитология	180	
ОПД.Г.01.05		Медицинская информатика	90	
ОПД.Г.01.06		Биохимия	240	
ОПД.Г.01.09		Микробиология, вирусология	240	

Индекс	Код дисциплины по информационному каталогу	Наименование дисциплины		деление часов по курсам и семестрам			
				1 курс		2 курс	
				1	2	3	4
				16нед	16нед	16нед	16нед
С.2.2.Б		Физика	осциллограф, лазер, звуковые генераторы, УЗ генератор, поляриметры, оптические микроскопы, аппарат УВЧ-терапии, фотоэлектроколориметр, рефрактометр, дозиметр		6		
С.2.3.Б		Химия	приборы, реактивы	5			
С.3.2.Б		Гистология, эмбриология, цитология	Микроскопы; микропрепараты			5	5
С.3.4.Б		Внутренние болезни и лучевая диагностика	Используется кабинеты отдела лучевой диагностики, где установлена современная аппаратура: цифровой рентгенаппарат, маммограф, компьютерные и магнитно-резонансные томографы, УЗИ-аппараты.			6	6
С.3.5.Б		Нормальная и клиническая анатомия	<p>Материальное обеспечение раздела «Физиология крови» Центрифуга, аптечные весы, штатив для пробирок, спиртовка, скарификатор, Камера Горяева, прибор Панченкова с капиллярами, Гемометр Сали с капиллярами, часовые и покровные стекла, микроскопы, предметные стекла, лабораторная посуда, реактивы.</p> <p>Материальное обеспечение раздела «Общая физиология возбудимых структур» Электростимулятор, набор препаровальных инструментов, лабораторная посуда, реактивы.</p> <p>Материальное обеспечение раздела «Физиология ЦНС» Штатив Бунзена, электростимулятор с электродами, миодержатель, секундомер, набор препаровальных инструментов, , реактивы.</p> <p>Материальное обеспечение раздела «Физиология дыхания» Модель «Определения величины эластической тяги легких», Модель Дондерса, лабораторная посуда, реактивы.</p> <p>Материальное обеспечение раздела «Физиология ВНД» Набор сигнальных лампочек со звонком, набор карточек с тестами, лабораторная посуда, реактивы.</p> <p>Материальное обеспечение раздела «Физиология сердца и гемодинамики» Одноканальный электрокардиограф, резиновые трубочки со стеклянным тройником, реактивы.</p>			6	5
		Анатомия человека	<ul style="list-style-type: none"> <li>• анатомический зал, трупохранилище;</li> <li>• лаборатория по соматометрии, оснащенная оборудованием, позволяющим измерять тело человека;</li> <li>• анатомический музей, имеющий более 1000 «сухих» и «влажных» экспонатов;</li> <li>• специально оборудованные учебные аудитории, оснащенные секционными столами с мумифицированными трупами;</li> <li>• наглядные средства: учебные стенды, таблицы, муляжи, влажные и костные макропрепараты;</li> <li>• тематические слайды, электронные презентации, видеофильмы по дисциплине;</li> <li>• мультимедийный комплекс (ноутбук, проектор, экран), телевизор, проекторы, видеоманитофон, ПК.</li> </ul>				
ДВП.03		Военная медицинская подготовка	договор				
		Учебная практика: Уход за больными терапевтическими больными	договор с клиникой				2

MINISTRY OF EDUCATION AND SCIENCE OF THE KYRGYZ REPUBLIC  
ADAM University

**Specialty: General Medicine**  
**Normative period of study (based on 12-years basic secondary**  
**Academic degree: Specialist (Doctor)**  
**Form of study: full-time study**

Code №	Name of discipline	Scheduling of study time on kind of occupation				Distribution of hours by years and semesters									
		Total hours	ECTS	Including: lecture and practice	Independent work of student	I course		II course		III course		IV course		V course	
						1	2	3	4	5	6	7	8	9	10
					16 w	16 w	16 w	16 w	16 w	16 w	16 w	16 w	16 w	16 w	
<b>FCO</b>	<b>Humanitarian, social and economic cycle</b>														
<b>C.1.</b>	<b>Base section (compulsory)</b>	<b>720</b>	<b>24</b>												
C.1.1.B	Kyrgyz language and literature	180	6	128	52			3	3						
C.1.2.B	Russian language	180	6	128	52	3	3								
C.1.3.B	Foreign language, Latin	120	4	64	56	4									
C.1.4.B	Manas science	60	2	32	28	2									
C.1.5.B	National history, history of medicine	120	4	64	56			4							
C.1.6.B	Philosophy	60	2	32	28	2									
<b>C.1.1.BH</b>	<b>The elective part of the courses chosen by the student</b>	<b>60</b>	<b>2</b>	<b>32</b>	<b>28</b>			2							
	<b>Total by cycle C.1.</b>	<b>780</b>	<b>26</b>	<b>480</b>	<b>300</b>	<b>11</b>	<b>3</b>	<b>7</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>M-EH</b>	<b>Mathematic and natural-scientific cycle</b>														
<b>C.2.</b>	<b>The state component</b>	<b>270</b>	<b>9</b>												
C.2.1.B	Mathematics and Informatics	90	3	64	26	3									
C.2.2.B	Physics	60	2	32	28		2								
C.2.3.B	Chemistry	60	2	32	28	2									
C.2.4.B	Biology with elements of Ecology	60	2	33	27		2								
C.2.1.BH	<b>The elective part of the courses chosen by the student</b>	<b>120</b>	<b>4</b>	<b>64</b>	<b>56</b>		2		2						
	<b>Total by cycle M-EH</b>	<b>390</b>	<b>13</b>			<b>5</b>	<b>6</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
	<b>Professional cycle</b>														
<b>C.3.</b>	<b>The state component</b>	<b>5640</b>	<b>188</b>	<b>3996</b>	<b>1644</b>										
	<b>General block</b>	<b>2010</b>	<b>67</b>												
C.3.1.B	General anatomy	360	12	252	108	6	6								
C.3.2.B	Histology, Embryology, Cytology	210	7	144	66	3,5	3,5								
C.3.3.B	General and clinical biochemistry	210	7	144	66		4	3							
C.3.4.B	Hominal physiology	270	9	192	78	4,5	4,5								
C.3.5.B	Microbiology, Virology and Immunology	240	8	160	80			4	4						

C.3.6.B	Basic pharmacology	210	7	144	66				3	4						
C.3.7.B	Pathologic anatomy	210	7	144	66			4			3					
C.3.8.B	Pathologic physiology	120	4	80	40			4								
C.3.9.B	Infectious diseases	180	6	128	52										6	
C.3.10.B	<b>Block "Therapy"</b>	<b>1140</b>	<b>38</b>	<b>800</b>	<b>340</b>											
C.3.10.1.B	Propedeutic therapy	120	4	80	40			4								
C.3.10.2.B	Endocrinology	60	2	48	12						2					
C.3.10.3.B	Hematology	60	2	48	12						2					
C.3.10.4.B	Occupational diseases	60	2	48	12							2				
C.3.10.5.B	Internal diseases	480	16	320	160						5	5	6			
C.3.10.6.B	Family medicine/ outpatient therapy	360	12	256	104										3	9
C.3.11.B	<b>Block "Pediatry"</b>	<b>660</b>	<b>22</b>	<b>480</b>	<b>180</b>											
C.3.11.1.B	Propedeutic propediatrics	120	4	80	40			4								
C.3.11.2.B	Children diseases/ outpatient therapy	420	14	320	100						3	5	4			2
C.3.11.3.B	Children infectious diseases	120	4	80	40										4	
C.3.12.B	<b>Block "Surgery"</b>	<b>1050</b>	<b>35</b>	<b>768</b>	<b>282</b>											
C.3.12.1.B	Propedeutic surgery	120	4	80	40					4						
C.3.12.2.B	Surgical pathology/outpatient surgery	420	14	320	100						4	4	4			2
C.3.12.3.B	Pediatric surgery	90	3	64	26							3				
C.3.12.4.B	Operative surgery	60	2	48	12							2				
C.3.12.5.B	Thraumatology and orthopedics, children trauma	90	3	64	26										3	
C.3.12.6.B	Urinology	60	2	48	12										2	
C.3.12.7.B	Anesthesiology, intensive therapy, exigent condition	90	3	64	26											3
C.3.12.8.B	Oncology	120	4	80	40										4	
C.3.13.B	<b>Block "System module"</b>	<b>780</b>	<b>26</b>	<b>560</b>	<b>220</b>											
C.3.13.1.B	Respirator system	90	3	64	26				3							
C.3.13.2.B	Digestive system	90	3	64	26				3							
C.3.13.3.B	Skeletomuscular system	90	3	64	26				3							
C.3.13.4.B	Heart-vascular system	90	3	64	26				3							
C.3.13.5.B	Hematopoetic system	60	2	48	12				2							
C.3.13.6.B	Nervous system	90	3	64	26					3						
C.3.13.7.B	Endocrine system	60	2	48	12					2						
C.3.13.8.B	Reproductive system	120	4	80	40					4						
C.3.13.9.B	Urinary system	90	3	64	26					3						
<b>C.3.V</b>	<b>Variation section</b>	<b>1890</b>	<b>63</b>	<b>1328</b>	<b>562</b>											
C.3.1.V	Public health and healthcare	60	2	32	28										4	
C.3.2.V	Common hygiene	120	4	80	40					4						
C.3.3.V	Medical attendance	60	2	32	28		2									
C.3.4.V	Epidemiology	90	3	64	26										3	
C.3.5.V	Tropical medicine	60	2	48	12										2	
C.3.6.V	Autopsy course	60	2	32	28											2
C.3.7.V	General physiotherapy, VK and physical therapy	90	3	64	26											3
C.3.8.V	Dermatovenerology	90	3	64	26						3					
C.3.9.V	Clinical pharmacology	90	3	64	26									3		
C.3.10.V	Psychiatry and narcology	120	4	80	40										4	
C.3.11.V	Neurology with basics of neurosurgery	120	4	80	40							4				

C.3.12.V	Medical genetics	60	2	48	12						2				
C.3.13.V	Radiodiagnosics and therapy	60	2	48	12					2					
C.3.14.V	Bioethics	60	2	48	12					2					
C.3.15.V	Ophthalmology	90	3	64	26						3				
C.3.16.V	Otorhinolaryngology	90	3	64	26						3				
C.3.17.V	Phthisiology	90	3	64	26									3	
C.3.18.V	Block "Obstetrics and gynecology"	240	8	208	32						4	4			
C.3.19.V	Forensic medicine with science of law	120	4	80	40										4
C.3.20.V	Stomatology	60	2	32	28					2					
C.3.21.V	Evidentiary medicine	60	2	32	28										2
	Disciplines on choice of students	300	10	256	44				2		2				6
	<b>Total by cycle</b>	<b>7530</b>	<b>251</b>	<b>5324</b>	<b>2206</b>	<b>14</b>	<b>20</b>	<b>23</b>	<b>23</b>	<b>30</b>	<b>30</b>	<b>31</b>	<b>30</b>	<b>32</b>	<b>30</b>
	<b>Grand Total</b>	<b>8700</b>	<b>290</b>	<b>5804</b>	<b>2506</b>	<b>30</b>	<b>29</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>31</b>	<b>30</b>	<b>32</b>	<b>30</b>
ДВП.00															
ДВП.02	Physical education	400				4	4	4	4						
	<b>Practice</b>	<b>480</b>	<b>16</b>			<b>30</b>	<b>29</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>31</b>	<b>30</b>	<b>32</b>	<b>30</b>
	Assistant of nursing sister	120	4				4								
	Assistant of emergency and immediate care feldsher	120	4						2	2					
	Assistant of in-patient hospital doctor	120	4								2	2			
	Assistant of doctor of family practice center	120	4											2	2
	<b>Total</b>	<b>9180</b>	<b>306</b>			<b>30</b>	<b>33</b>	<b>30</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>33</b>	<b>30</b>	<b>34</b>	<b>32</b>



ИТОГО

1 сем							30
2 сем							30
3 сем							
4 сем							
5 сем							
6 сем							
7 сем							
8 сем							
9 сем							
10 сем							
11 сем							
12 сем							



## 2. The order of the formation of the student's individual curriculum

- 3.1. The individual trajectory of a student is built on the basis of an individual curriculum. The student's individual curriculum is formed according to the established form. The individual curriculum determines the list, number and sequence of study courses during the academic year or semester. It is approved by the head of the relevant department of the University. Approved copies are kept by the student and in the appropriate department of the University.
- 3.2. The number of credits (credits) in an individual curriculum should generally be 60 per year (30 per semester). For students studying on a grant basis, the number of credits (credit units) in an individual curriculum cannot be set less than 60. For students studying on a contract basis, the minimum number of credits (credit units) can be 15 per semester and 30 per year. In some cases, with a clear justification, it is allowed to increase the number of credits to 75. At the same time, the amount of tuition fees is calculated in proportion to the number of credits studied.
- 3.3. The development of an individual curriculum is carried out by the student independently with the participation of an academic consultant on the basis of the basic curriculum and educational and methodological complexes of disciplines presented by educational units (departments, programs and departments).
- 3.4. The planning of the student's educational trajectory is carried out in advance within the timeframe established by the University (by the end of May for students of 2-4 courses and in the first half of September for students of the 1st year).
- 3.5. When forming individual plans of students studying on the basis of secondary vocational education, the period of study at the University can be reduced to 180 credits (credit units) due to the recognition (transfer) of previously passed disciplines / sections of disciplines and the number of credits collected. Recognition / deduction (i.e. transfer vocational education, the term of study at the University can be reduced to 180 credits (credit units) due to the recognition (transfer) of previously passed disciplines / disciplines sections and the number of credits collected. Recognition / credit (that is, the transfer of disciplines and grades on them from the previous diploma to the future) are subject to discipline sections of disciplines that are similar in expected learning outcomes (competencies) and the content of disciplines / sections of disciplines in the curriculum of the selected University.
- 3.6. When forming individual plans of undergraduates studying on the basis of a non-core bachelor's / specialty, the period for mastering educational programs of a master's degree can be increased by 1 year (up to 75 credits), due to the development of leveling courses that form basic professional competencies in a specialized direction at the bachelor's level ...
- 3.7. Changes to the individual curriculum can be made by the student until October 1 of the current academic year (in the amount of no more than 10% of the total number of credits). In this case, the student submits a written application to the registrar's office indicating the changes in the form established by the University. Changes to the individual curriculum during the academic year are not allowed.
- 3.8. Registration of individual curricula is carried out by the relevant educational departments of the University. Study groups (subgroups) are formed by the registrar's office on the basis of individual curricula.
- 3.9. The minimum recommended number of students required to open a discipline, taking into account the economic and organizational capabilities of the University is 10, and for each teacher - the maximum number of students in a study group is no more than 25.

3.10. Students form an individual list of disciplines from among those offered by the University, indicating the most suitable for study. If a student enrolled in unprofitable courses, the head of the corresponding educational unit makes a decision on their enrollment in another training course in accordance with this list.

3.11. If the training course is taught by several teachers, then the student is assigned the right to alternative choice of the teacher.

3.12. In the event that the number of students enrolled in an academic discipline exceeding the maximum established norm, the University can form additional educational streams (study groups) for this discipline and, at its discretion, appoint a teacher in them (with a qualification level not lower than the previous one). In this case, the distribution of students by study streams (study groups) is carried out in accordance with the order of enrollment.

3.13. With the indicated organization of the educational process, the concept of a study group is transformed, since when studying disciplines of groups "b" and "c", study streams of students (study groups) can be formed from students of different years of study.

3.14. When planning an individual educational trajectory, a student has the right to declare his desire to listen to 1-2 alternative courses of the curriculum at another university (if there is an agreement between these universities). In this case, the student submits an application addressed to the rector of his University, supported by a certificate from the selected university on the consent to recognize this student as a temporary student of the course. The certificate is signed by the head, certified by the seal of the educational department of the University. Upon completion of the course, the student submits an examination sheet, stamped by the University, to the appropriate educational unit, indicating the grade and the number of credits awarded.

3.15. Also, when planning his educational trajectory, a student has the right to declare his desire to additionally listen to 1-2 disciplines with students of other academic streams and directions on a paid basis.


3.16. Based on the results of the analysis of individual plans of study

3.18. Students should be provided with all the necessary information sources: textbooks, teaching aids, educational and electronic materials, access to local and global network educational resources.



**High School of Medicine**

**APPROVED by  
Dean of High School of Medicine  
Assoc. Prof. Turatova T.D.**

  
« 16 » sentabur 2021

**PROVISION  
on the content and structure of the educational and methodical  
complex  
(EMC)**



## **High School of Medicine**

**APPROVED by  
Dean of High School of Medicine  
Assoc. Prof. Turatova T.D.**

« \_\_\_\_\_ » \_\_\_\_\_ **2021**

### **PROVISION on the content and structure of the educational and methodical complex (EMC)**

**Bishkek 2021**

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## LIST OF ABBREVIATIONS

SES HPE - State Educational Standard of High Professional Education  
MC - main curriculum  
HPE - high professional education  
CP - curricular plan  
CD - curriculum of discipline  
EMC - educational-methodical complex of discipline  
IW - independent work of student  
EMC - Educational-Methodical Council of School of Medicine  
EMD - Educational and Methodical Department

## BASIC DEFINITIONS

### **High Professional Education:**

- 1) A specially organized purposeful process to achieve the specified results of professional education (education, training) of a certain level and orientation.
- 2) A set (package) of documents defining the content and organization of this process.

**Curricular plan (CP)**- the document establishing the schedule of the educational process by weeks for the entire period of study, the list of academic disciplines and their distribution by courses, semesters, the total labor intensity of disciplines, the volume of classroom and independent study, forms and terms of practices, vacations, current, interim and final state certification.

**Work Program of the discipline (WPD)** - the normative document, which is a part of the educational and methodical complex of the discipline and determining the scope, content, order of study and teaching of the discipline, as well as methods of monitoring the results of its assimilation, corresponding to the requirements of the State Standards of Higher Education of areas of training and considering the specific training of students in the chosen direction.

**Syllabus**- is a student work program that describes the policies of the learning process and the principles of student assessment. High School of Medicine, providing information about what part of the course and how it is assessed and how it affects the learning process.

**Educational-methodical complex of the discipline (EMC)** - a system of normative and educational-methodical documentation, training and control tools necessary and sufficient for the quality organization of the High Professional Education, according to the working curriculum. EMC allows effective formation of general and professionally significant competences.

**Competence** - a set of knowledge, skills, abilities formed in the process of training, as well as the ability to perform any activity in a particular area.

**Professional competence** - the ability to act successfully on the basis of skills, knowledge and practical experience in carrying out the task, solving the problem of professional activity.

**Independent work of the student**- part of the educational process, carried out by students for the purpose of assimilation, consolidation and improvement of knowledge and acquisition of relevant skills that constitute the content of professional training.

**Lecture notes**- is a summary or brief record of the content.

Methodological development of a practical lesson is a document that is created as a guide for the optimal conduct of the lesson and in order to justify the teacher's selected methods and methodological techniques for a particular lesson.

Training and practical publication - a textbook containing systematic information of scientific and practical and applied nature, set out in a form suitable for study and assimilation. It is designed to



consolidate the material and test knowledge. The main varieties of educational and practical publications are workshops - textbooks.

**Practicums** - a system of practical classes held, as a rule, for the purpose of practical study of the principle of work characteristic of the profession being mastered. Practical classes as part of the practicum, are a type of laboratory-practical work. Workshops and practical exercises, as a rule, have a repetitive and summarizing nature, present students with more independence.

**Control of learning results** - the process of checking and comparing the accumulated knowledge and skills, taking into account the competencies required in the study of the discipline.

## **1. GENERAL REGULATIONS**

1.1 The Regulations on the Educational and Methodical Complex is designed to introduce uniform requirements included in the working curriculum and implemented at the Adam University (hereinafter - HIGH SCHOOL OF MEDICINE). This Regulation determines the structure and procedure of development of the teaching and methodical complex of the educational discipline of the basic professional educational program (BEP) of high professional education (HPE) at HIGH SCHOOL OF MEDICINE;

1.2 These Regulations are developed on the basis of:

- The Law of the Kyrgyz Republic "On Education" of 25.04.2003. (with amendments and additions as of 23.05.2017);
- State educational standards of high professional education in the areas of education (SES HPE);
- Charter of High School of Medicine.

1.3 These Regulations regulate the process of preparation of teaching and methodological equipment of disciplines, both in terms of content and form in order to maintain continuity in the teaching of academic disciplines, as well as to create conditions that allow effective organization and support the independent work of the student.

1.4 Educational and Methodological Materials are developed by the department for the relevant disciplines, in order to organize the educational process in accordance with the requirements of the state educational standard of high professional education (SES HPE KR) and in accordance with the previous provision of the EMC approved on January 19, 2017.

1.5 Educational and methodological materials included in the EMC must reflect the current level of development of the scientific discipline, providing a logical sequence of teaching material, apply modern methods and technical means of the educational process, allowing students to deeply master the material studied and gain skills for its use in practical activities.

1.6 The qualitative development of the teaching materials that meet the requirements of the State Educational Standard of high professional education, timely updating and availability of the teaching materials of the corresponding discipline is the responsibility of the teacher-developer, head of department/program, deputy head of department for academic work.

## **2. STRUCTURE AND CONTENT OF EDUCATIONAL-METHODICAL COMPLEX OF THE DISCIPLINE**

2.1 The content and structure of the educational and methodical complex of the discipline is formed of four main blocks and a syllabus.

2.1.1 The normative block contains the following documents:

1) Work Program of the discipline (WPC) - the main document of the EMC discipline, the main working document of the teacher, which determines the content, scope and order of study of the discipline, as well as forms (types) of control of educational results. WPC is drawn up in accordance with the requirements of SES of High Professional Education of the Kyrgyz Republic, the requirements of for registration of WPC of High School of Medicine.

2) The thematic plan (TP) is the recommended order of study of the discipline.

2.1.2 Practical block includes tasks, exercises, examples, cards, visual aids, tasks for SRS and other material used in practical classes.

2.1.3 The diagnostic block includes materials of control activities (interim, current, final). Types of control and evaluation materials: examination questions, questions for oral and written questioning, test assignments, tasks, a list of topics of the essay and other didactic means of organizing training sessions used by the teacher (visual aids, collections of tasks, examples, exercises, task cards, case-study descriptions, etc.).

2.1.4 The methodological block contains the teaching methods used by the teacher in the classroom and methodological guidelines and recommendations for students on the types of work envisaged in the WPC:

- practical/laboratory works, abstracts, oral communications, reports, notes,
- Methods of solving and answers to test tasks, etc;
- list of literature;
- Dictionary of terms and personalities (glossary). Each discipline uses special terms, the content of which is not obvious and requires an explanation, for which the dictionary should provide definitions of the terms encountered in the course. They can be linked to the topics or arranged in alphabetical order.

2.2 The syllabus is a work program for the student. It gives a brief description of the course, defines the goals and objectives of the course, as well as the basic knowledge and skills of students:

- a list of minimum knowledge, skills, and abilities;
- prerequisites - the initial base of the student before learning;
- Post-requisites - base of the student after the end of the educational stage (module).

2.3 The above-mentioned materials must be presented in a printed version, certified by appropriate signatures and seals, confirming the approval of the EMC at the appropriate levels, as well as on electronic media and stored in the teaching department of HIGH SCHOOL OF MEDICINE and in the archive of the department, which is assigned to the management of specific disciplines.

2.4 Each EMC of the discipline includes a title page, a consent sheet.

The title page must contain (Annex 1):

- name of the university: Adam University Graduate School of Medicine;
- name of the department;
- section and unit of a particular discipline
- year of development.

The approval sheet for changes made to the EMC of the discipline (Annex 2) reflects the stages and levels of expert work, coordination and approval of the UMC and includes the following data:

- the content of the changes made;
- last name, first name, patronymic, position, qualification category (scientific degree, academic rank) of the compiler of EMC;
- the visa of the deputy head of the department / head of the department; the date of approval of the changes made.

2.5 Example structure of the EMC (Annex 3)

### **3. ORDER OF DEVELOPMENT OF THE EDUCATIONAL-METHODICAL COMPLEX**

3.1 The EMC on discipline is developed by a teacher (team of teachers) of the relevant department that provides the teaching of the discipline, in accordance with the working curriculum.

3.2 The development of the EMC includes the following stages:

- development of the work program for the academic discipline included in the curriculum for the training of students in the corresponding specialty;
- development of the lecture notes, methods of practical classes; registration of the EMC documentation;
- discussion and approval at the meeting of the department and the Educational-Methodical Council of HHIGH SCHOOL OF MEDICINE;
- testing of materials in the teaching process;
- regular adjustment of materials for teaching materials.

3.3 The work program of the discipline is developed and approved in accordance with the requirements of HIGH SCHOOL OF MEDICINE before the beginning of the development of this discipline by students.

3.4 The term of development of materials for teaching materials is established by the department, recorded in the minutes of the meeting of the department. Preparation of elements of EMC is included in the individual plan of educational and methodical work of the teacher and the work plan of the department.

3.5 The developed EMC of the discipline is approved at the meeting of the methodical commission of the department with the formation of the minutes.

3.6 The approved EMC of the discipline with the original approval sheet is stored in the department, the electronic version - in the department.

### **4. THE PROCEDURE FOR UPDATING THE EDUCATIONAL AND METHODOLOGICAL COMPLEX OF THE DISCIPLINE**

4.1. The approved EMC is considered at the level of the educational and methodological commission of the department before the beginning of each new academic year. Based on the results of the discussion of the EMC for the disciplines, the commission decides on the recommendation of the EMC for use in the new academic year;

- about the update (when adjusting the curriculum of the Basic Educational Program and the distribution of labor intensity, hours, inconsistencies in the validity of educational literature, updating the material and technical base, etc.).
- to re-approve, if the amount of updates made leads to a change of more than 51 % of the text previously approved by EMC.

4.2. Based on the results of the review of the EMC, the head teacher of the department makes an appropriate entry in the list of approval of the changes made to the EMC of the discipline.

### **5. ORGANIZATION OF CONTROL OF THE CONTENT AND QUALITY OF THE DEVELOPMENT OF THE EDUCATIONAL AND METHODOLOGICAL COMPLEX OF THE DISCIPLINE**

5.1. Control of the content and quality of the development of the EMC is assigned to the department responsible for teaching specific disciplines.

5.2. The head of the department developing the EMC performs ongoing control over the content and quality of the EMC training. To this end, on the department:

- a plan for the preparation of the EMC in the relevant discipline is developed and approved, which defines the terms and those responsible for the preparation of the complex;
- the training plan for the current year is reflected in the plan of educational and methodological work of the department and in the individual work plan of the teacher;
- the work program for the relevant discipline is reviewed and reviewed in a timely manner;
- examines educational and teaching materials provided by EMC developers.

**5.3.** In order to assess the compliance of the presented material with the curriculum, the level of mastering the educational material by students, the head of the department or a person authorized by him conducts control visits to classes and lectures. The results of the control visits are discussed with the teacher who conducted the lesson, and the main conclusions are communicated by the head of the department to all employees.

**5.4.** At the stage of correcting EMC materials, the head of the department periodically monitors their compliance with the modern level of development of science, methods and technology for the implementation of the educational process.

**5.5.** Educational and Methodical Department (EMD) carries out periodic monitoring of the content and quality of EMC training in disciplines included in the working curricula for training students in specialties.

**5.6.** The EMC peer review is carried out by a related subject matter department and specialist in the relevant field of knowledge. There are two types of peer review: external and internal. The EMC peer review should contain a comprehensive and objective assessment of the entire educational and methodological complex: analysis of methodological advantages and disadvantages; assessment of the scientific level and compliance of the content and volume with the educational standard; didactic expediency of the material; list of comments. The final part of the review should contain well-grounded and reasoned conclusions about the appropriateness (positive review) of using the teaching materials. If two positive reviews are received, the EMC is submitted for approval by the department meeting. If a negative review is received, the EMC is returned to the author/compiler for revision.

## **6. REQUIREMENTS FOR THE DESIGN OF THE EDUCATIONAL AND METHODOLOGICAL COMPLEX**

**6.1.** General requirements for setting up a computer.

- Editor MS Word.
- Page format A4.

**6.2. Requirements for the design of a standard page of a printed EMC.**

**6.2.1.** The main text of the work when typing on the computer is printed:

- Times New Roman font. mes New Roman.
- Size 12.
- Style «ordinary».
- Paragraph – 0,9.
- "Width alignment" mode.
- Line spacing – one and a half.
- Margins: top 20 mm, bottom 20 mm, right 10-15 mm, left 20-25 mm.

**6.2.2.** The text of the subscript links is printed in the Word text editor in the standard Times New Roman (or Arial) font, the font size is 10, the line spacing is at least.

**MINISTRY OF EDUCATION AND SCIENCE OF THE KYRGYZ REPUBLIC  
ADAM UNIVERSITY  
HIGHER SCHOOL OF MEDICINE  
Department of Morphological, Therapeutic and Surgical Disciplines**

AGREED  
Chairman of EMC

\_\_\_\_\_  
«\_\_\_\_\_» \_\_\_\_\_ 20\_\_ y.

APPROVED  
Head of Department

\_\_\_\_\_  
«\_\_\_\_\_» \_\_\_\_\_ 20\_\_ y.

**EDUCATIONAL AND METHODOLOGICAL COMPLEX (EMC)  
(LAYOUT)**

**in discipline:** \_\_\_\_\_  
(name of the discipline)

**specialization:** 560001 «General Medicine»

**Course:** \_\_\_\_\_

**Semester** \_\_\_\_\_

The educational and methodological complex is compiled in accordance with the requirements of the State Educational Standard for specialties: 560001 «Medicine»

**EMC developed by:**

Full name

Academic degree, position

EMC reviewed and approved at the department meeting \_\_\_\_\_ HSM

Protocol № \_\_\_\_\_

from «\_\_\_\_\_» \_\_\_\_\_ 20\_\_ y.

Head of Department,

Full name

Academic degree, position

Approved by Educational and Methodological Council of HSM,

Protocol № \_\_\_\_\_

from «\_\_\_\_\_» \_\_\_\_\_ 20\_\_ y.

\_\_\_\_\_  
(signature of the chairman of EMC)

**Bishkek 20**

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2. Working program of the academic discipline	
3. Educational and methodological materials.....	
4. Methodological recommendations for students to study the discipline.....	
5. Glossary (dictionary of terms by discipline). .....	
6. Discipline provision card. ....	
7. Syllabus. ....	

**Change approval sheet**

№	Content of the changes made	Full name/signature of performer	Full name/signature of the responsible person (head teacher, head of department)	Date of approval of the changes made, protocol No.

**WORKING PROGRAM OF THE ACADEMIC DISCIPLINE**  
**HIGH SCHOOL OF MEDICINE**  
**Department of Morphological, Therapeutic and Surgical Disciplines**

**WORKING PROGRAM**  
for the discipline

«\_\_\_\_\_»  
for students of the specialty \_\_\_\_\_

Full-time education

Course \_\_\_\_\_

Semester \_\_\_\_\_

Credit (semester) \_\_\_\_\_

Exam (semester) \_\_\_\_\_

Total curriculum hours \_\_\_\_\_

Total curriculum credits \_\_\_\_\_

among them:

- Lectures \_\_\_\_\_
- Laboratory \_\_\_\_\_
- Practical \_\_\_\_\_
- Course work \_\_\_\_\_
- Test work \_\_\_\_\_
- Independent work \_\_\_\_\_

The work program is compiled in accordance with the requirements of the State Educational Standard for the specialty \_\_\_\_\_

The working program has been developed: \_\_\_\_\_

Reviewed and approved at the Department meeting \_\_\_\_\_

Protocol № \_\_\_\_\_ from «\_\_\_\_\_» \_\_\_\_\_ 20\_\_ y. \_\_\_\_\_

(signature of the HOD)

Approved by the Educational and Methodological Council of HSM

Protocol № \_\_\_\_\_ from «\_\_\_\_\_» \_\_\_\_\_ 20\_\_ y. \_\_\_\_\_

(signature of the chairman of EMC)

**1.2. Explanatory note (or the organizational and methodological section)**

- abstract or brief description of the discipline (relevance and necessity of studying the discipline).
- the purpose and objectives of the discipline.
- the place of the discipline in the educational process, i.e. the relationship of this discipline with other disciplines.
- what should a student know and be able to do after completing the study of this discipline. (When describing what a student should know, know, be able to possess, it is necessary to specify the **competencies** in accordance with the State Educational Standard of Higher Professional Education)



Discipline ". . . . . " according to the curriculum, it is a discipline of the state (university) component (discipline of choice) of the cycle . . . . .

disciplines (specialization discipline". . . . .").

The purpose and objectives of the discipline . . . . .

In the study of the discipline, the knowledge and skills obtained at the . . . . .

When teaching disciplines are taken into account. . . . .

The knowledge and skills acquired during the study of the discipline are used in (c).... .

As a result of mastering the discipline, the student must:

- know. . . . .

- be able to. . . . .

- own. . . . .

**1.3. 1.3. The scope of the discipline and types of academic work.**

Form of training-full-time

Kind of work	Labour intensity, h		
	1 sem	2 sem	Total
Total labour intensity			
Auditorian work			
Lectures			
Practical training			
Seminars			
Laboratory training			
Independent study			
Term papers			
Tests			
Type of final test			

**1.4. The thematic plan of studying the discipline (by semesters).**

A thematic plan is drawn up strictly in accordance with the types of classes and hourly standards, the curriculum of a particular specialty. It is not allowed to arbitrarily change the hourly load and change the ratio between different types of academic work.

№	Name of modules and sections	Number of hours			Extra-curricular activities
		Total	Auditorian work		
			Lecture	Practice	
	Module 1.				
1	Topic 1				
2	Topic 2				
....	.....				
	Module 2.				
1	Topic 1				
2	Topic 2				
....	.....				
	<i>Total:</i>				

**1.5. The content of the discipline.**

- The content of the theoretical (lecture) sections (topics) of the discipline.

Here the numbers and names of the sections and/or topics of the discipline are indicated and their brief (abstract) content is given.

- Practical exercises.

The subject, content, scope and organization of classes in the sections (topics) of the discipline are determined. It is possible to use a tabular form for presenting this information. If practical classes are not provided for in the curriculum, the entry "not provided" is made.

- Laboratory classes (work).

The subject, content, scope and organization of laboratory classes (works) are determined) by sections (topics) of the discipline. It is possible to use a tabular form for presenting this information. If laboratory classes (works) are not provided for in the curriculum, the entry "not provided" is made.

**1.6. The subject and scope of independent work of students.**

The teacher should make a plan for the use of the time allocated by the work program for independent work of students, where it is necessary to specify the subject, forms and deadlines for reporting on the implementation. The plan for organizing independent work should be drawn up in the table:

Topic name	Themes of individual work	Type of works	Number of hours	Methodological support	Reporting form	Number of hours to be monitored by the teacher

**1.7. Control topics.**

For the control work, several types of tasks are developed.

**1.8. Didactic materials for the current, milestone and final control:**

- questions for preparing for the module, for the test, for the exam
- test tasks
- test tasks for the knowledge slice

**1.9. Evaluation criteria.**

**1.10. List of recommended literature (main, additional, Internet).**

- Basic literature

.....

- Additional literature

.....

- Information and software tools

.....

**2. Educational and methodological materials.**

Educational and methodological materials (EMM), as a methodological support for the discipline, are presented in the form of lecture texts, seminar developments, practical classes, clinical practical classes (including handouts) both in printed and electronic form.

- Lectures-indicate the topic, purpose and objectives, the issues under consideration, the theoretical part of the lecture, conclusions on the topic, literature on the topic (main and additional), questions to be discussed at seminars and practical classes on the topic, tasks for independent work of students, tests for self-control.

- Seminar, practical, clinical practical, laboratory classes-indicate the form of the lesson, the topic, purpose and objectives, the lesson plan, the list of questions to be discussed at this lesson, the place of the lesson (clinical base), educational and didactic materials on the issues under consideration (questions, exercises, tasks, tasks), conclusions on the topic of the lesson, tasks for independent work of students, if necessary – control tasks to identify the degree of assimilation of knowledge by students, literature for the lesson, methodological instructions for classes.

### **3. Methodological recommendations for students to study the discipline.**

The structure of drawing up methodological recommendations for students to study the discipline

#### **Recommendations for the use of materials educational-methodical complex:**

When you work with a real educational complex, particular attention should be paid to .....

The specifics of the study section No. .... this complex manifests itself in .....

The specifics of the study section No. .... this complex manifests itself in .....

#### **Description of the sequence of studying the Educational and Methodological Complex (EMC):**

.....

Before you start performing tasks for self-control, you need to learn.....

In the process of mastering the discipline, it is necessary to regularly refer to the list of recommended (basic and additional) literature..... etc.

#### **Recommendations for studying individual topics of the discipline:**

When studying topic No..... "Title" particular attention should be paid to .....

In the study no..... "Name" special attention should be paid to .....

#### **Explanations about working with the discipline's test system:**

After studying each topic, you are asked to complete test tasks. The specifics of performing these tasks are as follows .....

Each test is evaluated on a \_ \_ \_ - point scale .....

The topic is considered as mastered if you gave at least \_ \_ \_ \_ % of the correct answers.....

#### **Tips for preparing for the exam (test):**

When preparing for the exam (test), special attention should be paid to the following points:

1. <.....>
2. <.....>
3. <.....>

The experience of taking the exam (test) revealed that the greatest difficulties in conducting the exam (test) arise in the following sections:

- <.....>

- <.....>

In order to avoid difficulties in answering the above-mentioned sections, we recommend  
 .....

**Guidelines for working with the literature:**

During the study of special attention should be paid to the following sources  
 .....  
 etc.

**4. Glossary.**

Glossary-a dictionary of terms for the discipline. Terms can be linked to topics and / or arranged in alphabetical order.

**5. Map of discipline security.**

**Example:**

**Discipline “Cultural Studies”**

	Documents that make up the EMC	Information		Note
		Case type	Electronic version	
1	Working program	Exist	<a href="http://www.lib.tusur.ru">http://www.lib.tusur.ru</a> <a href="http://portal.tusur.ru">http://portal.tusur.ru</a>	At the department, in the library
2	Basic textbook, textbook, lecture notes (published)	Suslova T. I. Actual problems of the theory and practice of modern culture: A textbook for universities/ Tomsk, TUSURa Publishing House, 2004-178 p.	<a href="http://www.lib.tusur.ru">http://www.lib.tusur.ru</a> <a href="http://portal.tusur.ru">http://portal.tusur.ru</a>	In the library
3	Collection of tasks for seminars	Exist	A file in the computer lab	
4	Laboratory workshop	The study plan is not provided for		
5	Methodological guidelines for individual work	No Planned in 20__.		Development in the Department's work plan
7	Materials for knowledge control	Test tasks, 150 questions	<a href="http://www.lib.tusur.ru">http://www.lib.tusur.ru</a> <a href="http://portal.tusur.ru">http://portal.tusur.ru</a>	In the Department
8	Exam questions	Exist		In the Department
9	Recommended literature on the discipline (basic-0.5 copies. per student, additional-0.25 copies. in the library's educational fund)	1. Cultural Studies: Textbook/ Edited by Yu. N. Solonin, M. S. Kagan.- M: 2007.-566 p. 2. Suslova T. I. Kulturology: Textbook/ T. I. Suslova; TUSUR.- Tomsk: TMCDO, 2007 -. -340 p.	<a href="http://www.lib.tusur.ru">http://www.lib.tusur.ru</a>	Educational fund of the library in the EMC

**An approximate model of the design of lectures and practical classes**

**4.1. Lesson 1. Lecture no. \_ \_ \_ \_ “Topic .....”**

- 4.1.1. Lecture plan
- 4.1.2. Lecture notes

- 4.1.3. Visual and illustrative materials (posters, videos, models, etc.).
- 4.1.4. Lecture presentations in Powerpoint (6 slides on 1 A4 page) in English
- 4.1.5. Recommended literature for students

## **4.2. Lesson 2. Practical class \_ \_ \_ \_ “Topic .....**

- 4.2.1. Practical lesson plan
- 4.2.2. Visual and illustrative materials (posters, videos, models, etc.).
- 4.2.3. Options for questions for frontal and individual survey, tests, situational tasks used for mastering the tasks of this lesson (per 1 group of students)  
Tests, situational tasks should be presented with correct answers or maps with explanations of the answer options should be attached.
- 4.2.4. The system of assessment of the student's knowledge in the classroom
- 4.2.5. Recommended literature for students
- 4.2.6. Methodological development of a practical lesson  
List of practical skills that a student of High School of Medicine should learn at the Simulation Medicine Center before / after class
- 5. Variants of questions (tests, situational tasks) for conducting intermediate control of the discipline section (module) per 1 group of students
- 6. Variants of tasks for independent work of students on this section of the discipline with instructions or methodological recommendations for the implementation of this topic of the SRS.
- 7. Questions for the exam. Options for questions (tests, tasks) for the final control (exam or test) for this section of the discipline.
- 8. Recommended literature for students:
  - a. Textbooks available in the library collection,
  - b. Other textbooks, monographs (date of issue - 5-10 years),
  - c. Articles from special journals (date of publication)
  - d. Link to the Internet resource
- 9. Date of the last update of the various sections of the EMC (Appendix 2)

## **5. SYLLABUSAN LAYOUT**

- 1. Last name, first name, patronymic of the teacher, academic degree, academic title, position and contact information.
  - Enter the specific data of the teacher, specify the department's phone number, email address, Internet site, and other contact information.
- 2. Name, discipline code, and number of credits
- 3. Time and place of the academic discipline
  - The time and place of the course cannot be specified before the schedule is drawn up, so only the semester is indicated.
- 4. Prerequisites and post-prerequisites of the academic discipline
  - Provides a list of disciplines that should precede your discipline, specifies specific topics, general knowledge and skills that facilitate the assimilation of the submitted discipline, and a list of disciplines for which knowledge of this discipline is required.

## **5. CHARACTERISTICS OF THE ACADEMIC DISCIPLINE**

- 5.1. Purpose of the academic discipline.
  - The teacher justifies the need to study the academic discipline by answering the question: “Why should a future specialist study this particular academic discipline?”
- 5.2. The purpose of studying the academic discipline:
  - The result of training is predicted in accordance with the standard curriculum.

### 5.3. Tasks of studying the discipline

- Specific tasks are formulated that follow from the purpose of studying the academic discipline.

### 5.4. Content of the academic discipline

- The main content of the academic discipline is described in a brief form

### 5.5. The plan of study of the academic discipline

No. of week	Name of topic	Forms of training organization and number of hours	Tasks for individual work

## 6. List of basic and additional literature

### 6.1. Basic literature

### 6.2. Additional literature

- Enter the names of textbooks, textbooks, usually available in the library, or the addresses of electronic resources, where the declared content of the discipline is most fully reflected

## 7. Monitoring and evaluation of learning outcomes

### 7.1. Types of control (current, mid-term) interim certification

.....

### 7.2. Forms of control .....

## 8. Discipline Policy

- Fit the specific requirements that the teacher puts forward to students when studying this discipline. The list of requirements should not contradict the regulatory documents on credit technology of training.

## Developers:

**The regulation of the High School of Medicine EMC, supplemented by the working group as follows:**

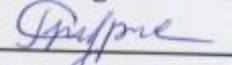
1. Zholudeva P. T.- Candidate of Medical Sciences, Acting Associate Professor, Head of the Department of Morphological, Therapeutic and Surgical Disciplines.
2. Domashov I. A., - Acting associate professor of the Department of Morphological, Therapeutic and Surgical Disciplines.
3. Niyazalieva M. S. - Candidate of Medical Sciences, Associate Professor of the Department of Morphological, Therapeutic and Surgical Disciplines.
4. Dzhaylobaeva E. A. - Candidate of Medical Sciences, Associate Professor of the Department of Morphological, Therapeutic and Surgical Disciplines.
5. Churakaev M. V. - Candidate of Medical Sciences, Associate Professor of the Department of Morphological, Therapeutic and Surgical Disciplines.
6. Tashtanova Zh. M – Deputy Dean of the High School of Medicine
7. Turdakhunova A. A. – Teacher of Department of Morphological, Therapeutic and Surgical Disciplines.

8. Almazbek kyzy G - Teacher department of Morphological, Therapeutic and Surgical Disciplines.

Approved

Vice rector of AU

Zhamangulov A. A.



« 8 » 01 2021

**PROVISION  
OF INTERNSHIP PRACTICE  
OF STUDENTS AUSM**

Bishkek 2021



**Provision**  
**ABOUT INTERNSHIP PRACTICE OF STUDENTS**  
**AUSM**

The regulation on the internship practice of students of higher educational institutions contains requirements for planning, material support, organization, content, conducting and summing up the results of practice as one of the leading stages in the implementation of the educational process in the higher education system.

**1. GENERAL PROVISIONS**

1.1. Internship practice of students (hereinafter referred to as IP) is an essential part of the educational process in the preparation of specialists with higher medical and pharmaceutical 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 training.

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

1.3 The terms and content of industrial practice are determined by the educational standards of the specialty, curricula and programs. The practice is carried out in organizations corresponding to the profile of the training of specialists.

1.4. The bases of practical training for students are established on a contractual basis between the Ministry of Health of the Kyrgyz Republic, Adam University and the administration of the receiving party's medical institution for a period of 5 years.

1.5. The immediate supervisors of the industrial practice are appointed by the order of the rector of Adam University.

1.6. Methodological support, control of the organization of practice and current certification of students is carried out by the head of the sector of industrial practice and monitoring of practical skills and a teacher who is appointed by order of the rector of the university from among the teaching staff of AUSM responsible for conducting industrial practice.

1.7. The basis for sending students to industrial practice is the order of the rector

1.8. Dean of AUSM, deputy deans for educational and organizational work and educational work, heads of departments within their competence, heads of practices are responsible for the practice classes in a hospital

**2. CONTENT OF INTERNSHIP PRACTICE**

2.1. The content and planning of industrial practice at all its stages should ensure the fulfillment of the requirements of SES HPE 560001 "General Medicine" approved by the Ministry of Education and Science of the Kyrgyz Republic of September 15, 2015 No. 1179/1 to a minimum content and

level of training of specialists, depending on the specialty, qualifications, duration of training , the relationship of practice with theoretical learning and the model of the graduates AUSM

2.2. The industrial practice program should include:

- -goal and tasks;
- -the terms of the internship;
- -a list of practical skills provided by the program of industrial practice of the corresponding course;
- -the structure of the reports of the heads of practice;
- -the scheme of the final certification;
- -lecturing and consulting with students, and other activities aimed at consolidating the knowledge gained in the learning process.

2.3. Practice programs in the specialty 560001 "General Medicine" are developed by AUSM, according to which students study in accordance with the adopted program of the State Educational Standard of Higher Professional Education in the specialty 560001 "General Medicine" and are approved in the prescribed manner.

### **3. TYPES OF PRACTICE**

3.1. The types of practice are established by the State Educational Institution of High Professional Education in the specialty 560001 "General Medicine".

3.2. The periods, duration and terms of the practice are established by the curriculum and the schedule of the educational process of the AUSM .

3.3. The content of the practice is determined by the curriculum of the practice in accordance with the SES HPE.

### **4. ORGANIZATION AND MANAGEMENT PRODUCTION PRACTICE**

4.1. Requirements for the organization of practice are determined by the MEP and SOS HPE.

4.2. The terms of the industrial practice are established taking into account the requirements of the State Educational Standard of Higher Professional Education on the basis of the approved curricula and the schedule of the educational process, developed for each academic year and approved by the Vice-Rector for Academic Affairs.

4.3. To carry out practical training of students for the University of Adam, by order of the Ministry of Health of the Kyrgyz Republic from no. No., medical and prophylactic institutions (MPI) are assigned as clinical base

4.4. Organizations, regardless of their form of ownership, correspond training profile of specialists at Adam University, with whom an industrial practice contract is concluded, are defined as clinical bases for conducting industrial practice.

4.5. Responsibility for organizing work on concluding agreements on internship for students with organizations rests with the dean of AUSM, heads of departments and the director of the Career Center.

4.6. If it is necessary to change the nature and timing of industrial practice no later than a month before its start, these changes are brought to the attention of the administration of the relevant organizations and health care facilities.

4.7. The basis for the on-the-job training is the order of the rector Adam University.

4.8. The educational and methodological management of industrial practice is carried out by the faculty and departments of the medical profile.

4.9. In organizations where industrial practice is held, the general and direct management of the practice is carried out. The head of internship practice, appointed from the organization and carrying out its general management, selects and appoints experienced specialists to directly direct the practice in this organization.

4.11. The internship program is coordinated with the medical facilities, which are the basis of this practice, and is approved according to the accepted procedure at the university.

4.12. Students who graduate from medical school and have at least 3 years of work experience as a nurse or paramedic may be exempted from practicing after 2 and 3 courses, as a "Nurse Assistant", "Assistant Paramedic of Ambulance and Emergency Medical Care »When providing a diploma and a certificate from the place of work to the faculty of AUSM.

4.13. Practices can be conducted:

4.13.1. Continuously (allocated weeks in the schedule of the educational process for conducting all types of practices provided for by the MEP and the curriculum).

4.13.2. By alternating with theoretical lessons by day (week), provided that there is a connection between theoretical training and the content of practice.

4.14. For the entire period of internship, students are subject to labor protection rules, as well as the internal labor regulations in force at the medical facility.

4.15. To manage the practice, conducted on the basis of a medical facility, a head of practice from the AUSM or the department of medical profile from among the teaching staff and a leader from among the employees of the organization are appointed.

4.16. The head of the practice from the university together with the head of the practice from the organization:

- agrees the terms (schedule) of the practice;
- develops tasks for students to perform during the practice period;
- participates in the distribution of students by jobs and types of work in an organization carrying out professional activities;

- monitors compliance with the terms of the practice and the compliance of its content with the requirements for the content of the relevant type of practice established by the educational program (hereinafter the requirements for the content of the practice)
- evaluate the results of the trainees' practice.

4.17. Head of practice from the university, together with the assistants of the dean of AUSM:

- organizes course meetings on organizational and methodological issues and labor protection;
- issues to students the established documentation on industrial practice before the start of industrial practice (programs, guidelines, diaries with assignments);
- carries out the current control of the students' practice;
- controls the timeliness of delivery of reporting documentation and certification based on the results of production practice;
- draws up and informs the students who passed the industrial at the place of residence, the schedule for passing the certification.
- prepares a generalized report on the results of practice and submits it to the dean and vice-rector for academic affairs;
- participates in the work on the selection of clinical bases for industrial practice.

4.18. Students who combine training with work activities are entitled to practice in organizations at the place of work in cases where their professional activities in these organizations meet the requirements for the content of the practice.

4.19. Students undergoing internship at a medical facility must undergo a medical examination in accordance with the established procedure.

4.20. The dean of AUSM summarizes the results of the internship according to the reports of the heads of the internships, prepares the final report on the results of the internship for approval by the Academic Council of Adam University

## **5. STUDENT WHEN PASSING THE PRODUCTION**

### **PRACTICES MUST:**

- 5.1. Actively carry out the tasks provided for in the practice program.
- 5.2. Obey the current labor regulations of the medical institution (practice base).
- 5.3. Comply with practice-based safety regulations.
- 5.4. Take responsibility for the work being done.
- 5.5. Keep records of the work done. Fill out the diary of industrial practice.
- 5.6. Observe the working hours of the organization in which the internship takes place.

## **6. DOCUMENTATION AND REPORTING ON PRODUCTION PRACTICE.**

- 6.1. During the internship, the student keeps an internship diary, where he writes down the work done for the day every day. The diary is signed by the direct supervisor of the practice every day.
- 6.2. At the end of the internship, the student draws up a "Summary report on industrial practice", certifying with the signature of the head of the practice and the seal of the healthcare institution.
- 6.3. At the end of the practice, the student takes a test with a differentiated assessment, the attestation commission created by the dean of AUSM.
- 6.4. Based on the results of the work of the attestation commission, the minutes of the meeting are drawn up and the examination sheet is filled out.
- 6.5. Students who have undergone industrial practice in the countries of near and far abroad, write an application in advance if there is a request from the relevant clinical bases, the application is certified by the dean's office.
- 6.6. Students who undergo practical training at the place of residence are certified according to the schedule drawn up by the dean's office.
- 6.7. The dean's office, together with the heads of the practice from the university, submit the test sheets for internship practice to the Study Department within a week after the end of the industrial practice.
- 6.8. The dean of AUSM summarizes the results of the industrial practice according to the reports of the heads of the industrial practice, prepares a final report on the results of the industrial practice.
- 6.9. A student who has not completed the program of internship practice, received a negative review of the work or an unsatisfactory mark upon passing the test, cannot be transferred to the next course or semester and is subject to expulsion or is sent to a second course of internship practice by decision of the university administration.

## **7. PRACTICE PROGRAM**

- 7.1. The internship program is the main methodological document that defines the goals, objectives, as well as the competencies formed as a result of the internship, the requirements for the input knowledge of students, the content, educational, methodological and material and technical support of the internship.
- 7.2. The internship program is developed by the AUSM and the medical departments that carry out the internship, reviewed and approved at the AUSM meeting with the registration of the minutes of the meeting, only after agreement with the employers that are the base of the practice. The list of necessary literature is checked against the presence in the catalog of the library of the University of Adam.
- 7.3. The internship program, developed by the departments of the medical profile, carrying out the internship, but not issuing, is undergoing the procedure of coordinating the program with the dean's office of the AUSM.
- 7.4. The internship program is developed separately for each type of internship, for each year of study.

- 7.5. The structure and content of the internship program must comply with the MEP ( Main Educational Program) and SES HPE.
  
- 7.6. The internship program must be updated annually, updated, and if the changes are significant, the program is revised by the relevant department and undergoes the approval procedure in accordance with the requirements of the university.

**PLAN SRW HSM AU**

<b>№</b>	<b>Events</b>	<b>Participants</b>	<b>Location</b>	<b>Date</b>
I	Participation in conference			
1.1	World Conservation Congress	Domashov I.A.	Marsel, France.	September October 2021
1.2	Participation in the Swedish Human Rights Forum. "peace and conflicts in Central Asia in the context of access to natural resources" report	Domashov I.A.	Switzerland. Online.	19 – 25 april 2021
II	Participation in projects and programs at the international and national levels.			
III	Planning of publishing activities.			
3.1	Planning the release of manuals on anatomy	Turatova T.D., Tudahunova A.A.	Adam University	During a year
3.2	Planning scientific articles.	Turatova T.D., Niyazalieva M. Domashov I.A., Zholueva P.T., Zalesskaya Yu. V., Kydyralieva R.B., Sarybaev A.Sh.	At the national and international levels.	During a year
IV	Participation in academic mobility.			
4.1	Preparation of documentation for the participation of teachers in the academic mobility Erasmus Plus program	Muratalieva A.S.	Greece	During a year
	Participation in the academic mobility Erasmus Plus program	Domashov I.A.	Greece	September – october 2021
V	Conducting scientific and educational events for students.			
5.1	World Health Day events, International Down Syndrome Day, world AIDS day	Students of HSM (coordinator Kotova A.S.)	Adam University	During a year
VI	Participation in refresher courses			
6.1	Participation in courses on teaching skills. Participation in academic writing courses	Muratalieva A.S.	Norway	During a year, On the second half a year.

6.2.	Participation of the teaching staff in refresher courses in specialties.	Staffing	At the national and international levels.	During a year
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Dean

Signature