

**Ministry of education and science of the Kyrgyz republic Ministry of health
of the Kyrgyz Republic**

I.K Akhunbaev Kyrgyz State Medical Academy

«I approve it »

Rector of the I. K. Akhunbayev KSMA

Doctor of Medical Sciences Professor

_____Kudaibergenova I. O.

“ ”



**The main educational program of
higher professional education**

Direction of training (specialty) 560004 « Dentistry »

Qualification (degree) of the graduate-Specialist (Doctor)

Form of study – Full time

The standard period for the development of the program is 5 years

The complexity of the PLO – 300 credits (credit units)

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1. GENERAL PROVISIONS

The main educational program of higher professional education (hereinafter referred to as OOP HPE) of specialist training, implemented by the Kyrgyz State Medical Academy named after I. K. Akhunbayev in the specialty- **560004 "Dentistry"**.

OOPHPE 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 based on the state educational standard of higher professional education (SSE HPE) in the specialty 560004Dentistry.

OOP VPO reglamentary objectives, expected results, content, conditions, and technology obrazovatilogo process, the evaluation of the quality of preparation of the graduate of this specialty, and includes: curricula, work programs of training courses, subjects, disciplines (modules) and other materials, ensuring the quality of training of students, as well as aboutgrams of training and work practices, academic calendar schedule etc.

1.1. Basic terms and definitions

The Basic educational Program uses terms and definitions in accordance with the Law of the Kyrgyz Republic "On Education" and international documents in the field of higher professional education adopted by the Kyrgyz Republic in accordance with the established procedure:

- **The main educational program** is a set of educational programs that include:-

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;

- **training area** – a set of educational programs for training personnel with higher professional education (specialists) of various profiles, integrated on the basis of the common foundation of professional training;
- **profile** – the focus of the main educational program on a specific type and / or object of professional activity.
- **cycle of disciplines** – a part of the educational program or a set of academic disciplines that has a certain logical completeness in relation to the established goals and results of training and upbringing.
- **module** – a part of an academic discipline that has a certain logical overestimation in relation to the established goals and objectives.

results of training and upbringing;

- **competence** – a dynamic combination of personal qualities, knowledge, skills and abilities required for professional activity in the specialty 560004 “Dentistry”;
- **credit (credit unit)** - a conditional measure of the labor intensity of the main professional educational program, 1 credit is equal to 30 academic hours;
- **learning outcomes** – competencies acquired as a result of training in the main educational program / module.

Abbreviations and designations. The following abbreviations are used in this basic educational program:: **HPE** – higher professional education.

STATE – State educational standard;

IR - instrumental competencies.

CPV-elective courses.

OK – general scientific competencies.

OOP – the main educational program.

PC – professional competencies.

SLK – social-, personal and general cultural competencies.

YMO UES – educational-and methodical associations.

CD of the PLO – cycle of disciplines of the main educational program.

1.2. Legal framework of PLO HPE

- 1) Law of the Kyrgyz Republic " On Education " of April 30, 2003 with subsequent amendments.
 - 2) Regulation on the educational organization of higher professional Education of the Kyrgyz Republic, approved by the Resolution of the Government of the Kyrgyz Republic No. 53 dated February 3, 2024.
 - 3) Regulatory legal acts regulating the activities of educational organizations of higher and secondary vocational education of the Kyrgyz Republic, approved by the Government of the Kyrgyz Republic Resolution No. 346 of May 29, 2012.
 - 4) Charter of KSMU (approved by the Ministry of Education and Science of the Kyrgyz Republic dated 12.09.2013. approved by the order of the Ministry of Health of the Kyrgyz Republic dated 04.10.2013 No. 581 and registered by the Ministry of Justice of the Kyrgyz Republic from 15.11.2013);
 - 5) Order of the Ministry of Education and Science of the Kyrgyz Republic " On approval of Requirements for the structure, labor intensity to the mandatory minimum content of disciplines "(No. 556/1 of 28.08.2013);
 - 6) Order of the Ministry of Education and Science of the Kyrgyz Republic approved by the Resolution of the Government of the Kyrgyz Republic "On approval of State educational standards of Higher professional Education" dated September 15, 2015 No. 1179.
 - 7) Regulations on the main educational program of higher professional education, approved by the order of the Rector of KSMU No. 411 dated 19.12.2018.2018г.
 - 8) Approximate curriculum approved by the Ministry of Education and Science of the Kyrgyz Republic on May 25, 2012.
- No. 4-S.

2. General characteristics of OOP HPE

When mastering the OOP of higher professional education and passing the state final certification in the specialty 560004 "Dentistry" corresponding to the requirements of GOS HPE with subsequent issuance of a state-issued diploma of higher professional medical education established by the Ministry of Health of the Kyrgyz Republic with the qualification " Doctor-Dentist".

The standard term for mastering the OOP of higher professional education (for full-time education) in accordance with the State Higher Professional Education Standard in the specialty 560004 "Dentistry" is

5 years old.

The complexity of mastering the OOP of higher professional education by a student is 300 credits for the entire period of study in accordance with the State Standard of Higher Professional Education in the specialty 560004 "Dentistry" and includes all types of classroom and independent work of the student, practice, state final certification and time allocated for quality control of the student's development of OOP.

The labor intensity of the OOP HPE for the academic year is equal to 60 credits (credit units). The labor intensity of one semester is equal to 30 credits for a two-semester construction of the educational process. Taking into account the sequence of disciplines in the curriculum, the university has the right to vary the labor intensity of one semester from 28 to 32 credits, while not exceeding the established 60 credits per academic year. One credit (credit unit) is equivalent to 30 hours of student's academic work (including classroom, independent work, and all types of attestation). The total duration of 2-hour classes is 90min, 3-hour classes- 135min. The academic year ends on time, according to the university's curricula and schedules. The total amount of vacation time in the academic year is 7-10 weeks, including at least two weeks in winter. The maximum amount of training load of students per week is set by the State Educational Standard of Higher Professional Education and is 45 hours.

Requirement for the applicant. The applicant must have a state-issued document on secondary (full) general education or secondary vocational education.

Social role OOP HPE for a future doctor in the specialty 560004 "Dentistry" – is the formation of conditions for fundamental and practical training of specialists based on international standards, domestic traditions of higher medical education and ensuring the competitiveness of graduates of the Kyrgyz Republic. State Medical Academy named after I. K. Akhunbaev in the domestic and foreign labor markets; for the implementation of continuing education, maximally focused on the needs of the individual, society and the state.

The goals of the OOP HPE of special 1st training are the development of personal qualities among students in the specialty 560004 Dentistry, the formation of general cultural (universal, general scientific, social-and personal) and professional competencies in accordance with the requirements of the State Higher Professional Education Standard in this area of training.

OOP goals in the specialty 560004 "Dentistry":

1. Prepare a specialist capable of performing the functions of a general dentist, namely prevention, diagnosis and treatment of patients, possess organizational-,

managerial and educational skills, as well as research abilities aimed at preserving and improving the health of the population, taking into account the conditions of a changing world.

2. Provide graduates with basic theoretical and clinical knowledge and skills in the field of providing medical-care to the population of the Kyrgyz Republic, prepare them for postgraduate and further continuing medical education and implement partnerships in the field of healthcare.

3. Develop traditional universal and national cultural-and moral values, professional-and ethical responsibility, critical thinking skills, self-organization and self-education.

A graduate of the Kyrgyz State Medical Academy named after I. K. Akhunbayev, specialty - 560004 Dentistry, according to the State Educational Standard 2015, must have general cultural and professional competencies that are formed on the basis of disciplinary competencies.

3. Characteristics of the professional activity of a university graduate in the specialty 560004 "Dentistry".

The field of professional activity of a specialist includes: a set of technologies, tools, methods and methods of human activity aimed at preserving and improving the health of the population by ensuring the proper quality of medical care (medical-and preventive, medical-and social) and dispensary observation.

The objects of professional activity of a specialist are:

- children aged 0-15 years
- teenagers between the ages of 15 and 18;
- adult population over the age of 18;
- a set of tools and technologies aimed at creating conditions for maintaining health, ensuring the prevention, diagnosis and treatment of diseases in adults and adolescents.

Types of professional activity of a specialist:

- preventive work;
- diagnostic information.
- therapeutic area;
- rehabilitation program;
- psychological-and pedagogical support;
- organizational-and managerial support.
- scientific-and research organization.

Tasks of professional activity of a specialist

A doctor in the specialty 560004 Dentistry should solve the following professional tasks in accordance with the types of professional activity::

preventive activities:

- implementation of measures to form a motivated attitude of the adult population, adolescents and children to preserve and strengthen their health;
- implementation of measures for hygienic education and disease prevention among the adult population, adolescents and children;
- implementation of dispensary monitoring of the adult population and adolescents, taking into account age, gender and initial state of health, implementation of measures aimed at improving the effectiveness of medical examinations among maternityleave groups and chronic patients;
- collection and medical-and statistical analysis of information on the health indicators of the population of various age-and gender groups; diagnostic activities:
- diagnostics of diseases and pathological conditions in the adult population, adolescents and children on the basis of proficiency in propaedeutic and laboratory-instrumental research methods;
- diagnosis of emergency conditions in adults, adolescents, and children;
- conducting a forensic medical examination; medical activities-медицинской экспертизы; лечебная деятельность:

- providing first aid to adults, adolescents and children in emergency situations;
- treatment of adults, adolescents and children using therapeutic, surgical and orthopedic methods;
- providing medical assistance to the adult population, adolescents and children in emergency situations;
- carrying out medical-evacuation measures in an emergency situation and providing medical assistance to the population in extreme conditions of epidemics, in foci of mass destruction;
- organization of work with medicines and compliance with the rules of their storage;

rehabilitation activities:

- carrying out rehabilitation activities among the adult population, adolescents and children who have suffered a somatic disease, trauma or operative intervention;
- the use of physical therapy, physiotherapy, non-traditional methods of therapy (reflexology, herbal medicine, homeopathy) and the main resort factors for the adult population, teenagers and children in need of rehabilitation; Educational activity type:

- formation of positive medical behavior among the adult population, adolescents and their family members, aimed at maintaining and improving the level of health;
- formation of motivation among the adult population, adolescents and their family members to introduce elements of a healthy lifestyle, including the elimination of bad habits that adversely affect the health of the younger generation;
- training of junior and secondary medical personnel in basic manipulations and procedures, elements of a healthy lifestyle; organizational and managerial activities:
 - organization of work of medical personnel in medical organizations, determination of functional responsibilities and the optimal algorithm for their implementation;
 - organization of occupational health and safety measures, prevention of occupational diseases, monitoring compliance with and ensuring environmental safety;
 - maintaining-medical records in medical organizations;
 - conducting an expert examination of temporary and permanent disability;
 - assessment of the quality of medical-diagnostic and rehabilitation and preventive care for adults, adolescents and children • * conducting business correspondence (memos, letters); scientific research activities:
 - analysis of scientific literature and official statistical reviews;
 - подготовка реферата preparation of research papers on modern scientific problems;
 - participation in solving individual research and applied tasks in the field of healthcare for diagnosis, treatment, rehabilitation and prevention;
 - compliance with the basic requirements of information security and the development of new methods and technologies in the field of healthcare;
 - participation in statistical analysis and preparation of a report on the completed study;
 - participation in the assessment of the effectiveness of innovative and technological risks in the implementation of new medical and organizational technologies in the activities of medical organizations.

4. Компетенции выпускника University graduate competencies as a cumulative expected result

the result of education upon completion of the development of this OOP of higher professional education

4.1. The results of mastering OOP HPE are determined by the competencies acquired by the graduate, i.e. his ability to apply knowledge, skills and personal qualities in accordance with the tasks of professional activity. Learning outcomes are highlighted in accordance with the goals of OOP HPE:

Learning outcome 1: The ability to apply basic knowledge from the field of social-, humanitarian, and economic disciplines in their professional activities, and possess general cultural competencies. **Learning outcome 2:** Ability to express your thoughts in the state and official languages.

Training Result 3: Be proficient in one of the foreign languages for solving professional problems.

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

Learning outcome 5: The ability to carry out their activities in accordance with the moral and legal norms accepted in society. Ability to apply basic knowledge in the field of organizational and managerial activities.

Result of training 6: Ability to apply basic knowledge in the field of fundamental, natural-scientific disciplines in professional activities, possession of general professional competencies.

Training result 7: Ability to apply modern information technologies in professional activities.

Training result 8: To know the forms and methods of sanitary and educational work, the ability to apply social and hygienic, medical and statistical methods of collecting and analyzing information; the ability to carry out preventive and anti-epidemic measures.

Training result 9: The ability to apply basic knowledge in the field of professional disciplines in protecting the population and territories from the possible consequences of emergencies and natural disasters.: Умение применить основные знания в области профессиональных дисциплин при защите населения и территорий от возможных последствий чрезвычайных ситуаций

Learning outcome 10: Ability to apply basic knowledge in the field of diagnostic and therapeutic activities.

Learning outcome 11: Ability to apply basic knowledge in the field of rehabilitation activities. Ability to take care of patients. **Training result 12:** Ability to apply basic knowledge in the field of research activities.

4.2. As a result of mastering the program in the specialty 560004 "Dentistry" the graduate must have the following **общенаучными компетенциями (CA):** **general scientific competencies (CA):**

OK-1- is able to analyze socially-significant problems and processes, use in practice the methods of the humanities, natural sciences, medical biology and clinical sciences in various types of professional and social activities.

OK-2- capable of analyzing worldview, socially and personally significant philosophical problems, basic philosophical categories, and self-improvement.

OK-3- capable of analyzing significant political events and trends, mastering the basic concepts and laws of the world historical process, respecting and caring for historical heritage and traditions, and evaluating state policy; possesses knowledge of historical- and medical terminology;

OK-4- able to analyze economic problems and social processes, use the methodology for calculating indicators of economic efficiency.

OK-5- capable of logical and reasoned analysis, public speech, discussion and polemics, editing professional texts, cooperation and conflict resolution, tolerance.

OK-6- ready to carry out its activities in accordance with the moral and legal norms adopted in the society; comply with the rules of medical ethics, laws and regulations on working with confidential information, and keep medical secrets.

4.3. Instrumental competencies (IR):

IR-1 – ability to work independently on a computer (elementary skill and).

IK-2- 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;

IK-3- is able to use management methods; organize the work of performers; find and make responsible management decisions in the context of different opinions and within their professional competence; IR-4- readiness to work with information from various sources.

4.4. Social, personal and general cultural competencies (SLC): SLK-1- is able to implement ethical and deontological aspects of medical activity in communication with colleagues, nurses and junior staff, children, their parents and the adult population; SLK-2- is able to identify the natural-scientific nature of problems that arise in the course of a doctor's professional activity;

SLK-3- is capable of analyzing medical information based on the principles of evidence-based medicine.

SLK-4- is able to apply modern social- and hygienic methods of collecting and medico-statistical analysis of information on the health indicators of children and adults.

SLK-5- is able to use methods for assessing natural (including climatogeographic) and medico-social environmental factors in the development of diseases in children and adults, and to correct them.

4.5. Professional competencies:

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

PC-2- is able to conduct and interpret a survey, physical examination, clinical examination, results of modern laboratory and instrumental studies, morphological analysis of biopsy, surgical and sectional material of patients, draw up a medical card for outpatient and inpatient patients of children and adults; PC-3- is able to conduct pathophysiological analysis of clinical syndromes, use reasonable methods of diagnosis, treatment, rehabilitation and prevention among children, taking into account their age and the adult population.

PC-4- is able to apply aseptic and antiseptic methods, use medical instruments, perform sanitary treatment of medical and diagnostic facilities, children's health organizations, and master the technique of caring for sick children and adults.

PC-5- is able to conduct a forensic-medical examination of living persons; interpret the results of laboratory studies of objects of forensic medical examination as a specialist;

PC-6- is able to work with medical-and technical equipment used in working with patients, computer equipment, receive information from various sources, and apply the capabilities of modern technologies.

information technologies for solving professional problems

Preventive

activities:

PC-7- is able to carry out preventive measures with the population to prevent the occurrence of the most common diseases; carry out general health measures to form a healthy lifestyle, taking into account risk factors, make recommendations on healthy nutrition, evaluate the effectiveness of dispensary monitoring of healthy and chronically ill children and adults; Diagnostic activities:

PC-8- capable of making a diagnosis based on the results of biochemical studies of biological fluids and taking into account the laws of the course of pathology in organs, systems and the body as a whole;

PC-9- is able to analyze the regularities of functioning of individual organs and systems, use knowledge of anatomical-and physiological foundations, basic methods of clinical-and immunological examination and assessment of the functional state of the body of an adult and children for timely diagnosis of diseases and pathological processes;

PC-10- is able to detect the main pathological symptoms and syndromes of diseases in patients, use the algorithm for making a diagnosis (main, concomitant, complications) taking into account ICD-10, perform basic diagnostic measures to identify urgent and life-threatening conditions.

PC-11- is able to analyze and interpret the results of modern diagnostic technologies in children and adults for successful therapeutic and preventive activities.

Therapeutic activities:

PC-12- capable of performing basic therapeutic measures for the most common dental diseases and conditions in adults and children; timely detect life-threatening disorders (acute blood loss, respiratory disorders, cardiac arrest, coma, shock), use methods for their immediate elimination, and implement anti-shock measures;

PC-13- is able to prescribe adequate treatment to patients in accordance with the diagnosis, implement an algorithm for choosing drug and non -drug therapy for patients with stomatological diseases.

PC-14- is able to provide first aid to the adult population and children in case of emergency and life-threatening conditions, to conduct hospitalization of patients in a planned and urgent manner;

PC-15- prescribe and use the basic principles in the organization of therapeutic nutrition;

Rehabilitation activities:

PC-16- is able to apply various rehabilitation measures (medical, social and professional) among adults and children with the most common dental diseases, determine indications for transferring children and adolescents to specialized physical education groups after their illnesses.

PC-17- is able to determine indications and contraindications for prescribing physical therapy, physiotherapy, non -drug therapy, and use the main resort factors in the treatment of adults and children;

Educational activities

PC-18- capable of teaching secondary and junior medical personnel the rules of sanitary-and hygienic treatment of patients and their family members in medical institutions;

PC-19- is capable of teaching the adult population, children and their relatives the rules of medical behavior; to conduct hygiene procedures, to develop healthy lifestyle skills.

Organizational-and managerial activities:

PC-20- is able to use the regulatory documentation adopted in the healthcare sector of the Kyrgyz Republic.

PC-21- is able to use knowledge of the organizational structure, management and economic activities of various types of dental institutions that provide medical care to adults and children, analyze the performance of their structural divisions, and evaluate

the effectiveness of modern medical-, organizational and socio-economic technologies in providing medical services to patients.

PC-22- is able to ensure the rational organization of work of secondary and junior medical personnel in medical institutions; their training in basic manipulations and procedures performed in dental institutions;

PC-23- able to solve issues of examination of working capacity (permanent and temporary). among the population, draw up appropriated documentation, determine the need to refer the patient for medical- and social expertise, and carry out prevention of disability among adults and children.

Научно Research activities:

PC-24- ready to study scientific- and medical information, domestic and foreign experience on the subject of research.

Matrix компетенций выпускника of dental faculty graduate competencies (appendix # 1)

5. General requirements for the conditions of implementation of OOP HPE:

The main educational program in the specialty **560004 Dentistry** provides for the study of the following training cycles:

C. 1-the humanitarian, social and economic cycle;

P. 2-mathematical and natural-scientific cycle;

SZ - professional cycle.

C. 4-additional types of training;

C. 5-practical training (training, production and prequalification).

Each academic cycle has a basic (mandatory) part and a variable one, set by the university. The variable part gives the possibility of extension, and (or) deepening the knowledge and skills defined by the content of the core (compulsory) subjects (modules), and the disciplines of specializations allows the student to gain in-depth knowledge and skills to work on professional activities and (or) for further training in educational programs of postgraduate education (residency, fellowship).

The implementation of a competent approach provides for the widespread use of active and interactive forms of teaching in the educational process (computer simulations, business and role-playing games, analysis of specific situations, psychological and other trainings) in combination with extracurricular work in order to form and develop students' professional skills.

5.1. Human resources for the implementation of the PLO. The implementation of PLO in the training of a specialist should be provided by scientific-and pedagogical personnel who, as a rule, have a basic education corresponding to the profile of the discipline taught, and are systematically engaged in scientific and (or) scientific - and methodological activities.

The implementation of the main educational program for training a specialist should be provided by scientific-and pedagogical personnel who have a basic education corresponding to the profile of the discipline taught, and an academic degree or experience in the relevant professional field and are systematically engaged in scientific and/or scientific-and methodological activities.

The share of teachers with an academic degree and/or academic title in the total number of teachers providing the educational process for the main educational program of specialist training should be **at least 6.0%**, the academic degree of doctor of science and / or the academic title of professor should have at least 10% of teachers.

At least **70%** of teachers (in the rates reduced to integers) who provide the educational process for the professional cycle must have academic degrees and academic titles, while at least 10% of teachers must have the academic degree of doctor of science or the academic title of professor **10**.

General management of the content of theoretical and practical training in the specialty should be carried out by a full-time scientific- and pedagogical employee of the university who has a doctor's or candidate's degree and (or) the academic title of professor or associate professor, and at least three years of work experience in educational institutions of higher professional education. A highly qualified specialist in the relevant field of professional activity can be involved in the general management of the content of theoretical and practical training in the specialty.

5.2. Educational, methodological and informational support of the educational process.

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

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

The implementation of basic educational programs should be ensured by each student's access to databases and library collections formed according to the full list of disciplines (modules) of the current educational program. During self-study, students should be provided with Internet access.

Each student must be provided with at least one academic and one teaching-методическим методical reference and/or electronic publication for each discipline of the professional cycle included in the educational program.

The library fund should be equipped with printed and / or electronic editions of the main academic literature in the disciplines of general scientific and professional cycles.

The fund of additional literature should include official, reference-bibliographic and periodical publications in addition to the academic one, at the rate of 1-2 copies for every 100 students.

Each student should be provided with access to the library collections, which consist of the following list of journal titles:: Domestic ones:

- Healthcare in Kyrgyzstan
- Vestnik Kyrgyz State Medical Academy about

Central-Asian Medical Journal

- Bulletin of the Kyrgyz-Российско-Russian Slavic University Foreign companies:

- Allergology
- Anaesthesiology and resuscitation
- Antibiotics and chemotherapy
- Bulletin of Otolaryngology
- Bulletin of Dermatovenereology and Venereology
- Bulletin of intensive care
- Bulletin of Ophthalmology
- Bulletin of Roentgenology and Radiology
- Military-Medical Journal
- Questions of balneology, physiotherapy and physical therapy
- Questions of biological, medical and pharmaceutical chemistry
- Questions of oncology
- Nutrition issues
- Doctor
- Hygiene and sanitation
- Journal of Microbiology and Epidemiology
- Journal of Neurology and Psychiatry
- Healthcare of the Russian Federation
- Immunology,
- Cardiology

- Clinical medicine
- Clinical Gerontology
- Clinical and laboratory diagnostics
- Clinical Dentistry
- Medical Bulletin
- Medical parasitology and parasitic diseases
- Nephrology
- New in dentistry
- Oncology
- Paradontology
- Pediatrics
- Problems of social hygiene and medical history
- Problems of tuberculosis
- Problems of endocrinology
- Bulletin monologue
- Dentistry
- Rheumatology
- Russian Medical Journal
- Traumatology and Orthopedics
- Therapeutic Archive
- Ultrasound diagnostics
- Urology
- Pharmacology. Toxicology Department
- Pharmacy services
- Physiology and morphology
- Surgery. N. I. Pirogov Magazine
- Cytology
- Endoscopic surgery
- Epidemiology and infectious diseases

Для Students should be provided with an opportunity to quickly exchange information with domestic and foreign universities, enterprises and organizations, access to modern professional databases, information reference and search engines, such as::

- information-and reference materials of the Ministry of Health of the Kyrgyz Republic;

- information-and search engine for intellectualproperty, patents and trademarks:
- electronic component databases (medical search engines - MedExplorer, MedNunt, RibMed, etc.).

5.3. Material and technical support of the educational process.

A higher educational institution that implements themain educational programs for training specialists should have a material and technical base that ensures the types of laboratory, disciplinary and interdisciplinary training, practical and research work of students provided for in the university's curriculum and complies with current sanitary and fire safety rules and regulations.

The minimum list of material and technical support required for the implementation of the PLO for training specialists-includes::

- laboratories for physics, chemistry, biochemistry; biological chemistry; biology; physiology; microbiology and virology; pharmacology; pathological anatomy; pathophysiology;
- anatomical hall, anatomical museum, corpse storage facility;
- specially equipped classrooms and classrooms for studying humanitarian and socio-economic disciplines, hygiene, public health and public healthservices;
- organization and equipment of simulation and phantom training centers rooms.
- testing center for conducting intermediate and final control of students ' knowledge.
- offices equipped for receiving and showing patients;
- medical offices equippedwith the necessary equipment for working with patients receiving preventive, diagnostic, curative and rehabilitative care.

When using electronic publications, the university must have at least 7 computers with Internet access for 100students.

When using electronic publications, the university should provide each student with a workplace in a computer class with Internet access during independent training, in accordance with the scope of the subjects studied.

The university must be providedwith the necessary set of licensed software.

5.4. Research work is a mandatory part of the OOP of specialist training. It is aimed at the comprehensive formation of general cultural and professional competencies in

accordance with the requirements of the State Higher Professional Education Standard approved by the decree of the Government of the Kyrgyz Republic dated September 28, 2015.

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

- study special literature and other scientific-and technical information about the achievements of domestic and foreign science and trends in the following areas:

relevant area of expertise;

- participate in conducting scientific research or performing research projects.

technical developments;

- collect, process, analyze and systematize scientific-and technical information on the topic (task);
- take part in bench and industrial tests of prototypes (lots) of designed products;
- create reports (sections of the report) on a topic or its section (stage, task); - make a report at the conference.

In the process of carrying- out researchwork 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. It is also necessary to assess the competencies associated with the formation of a professional worldview and determining the level of culture.

6. Characteristics of the environment that ensures the development of general cultural and socio-personal competencies of graduates

KSMU has created optimal conditions for the implementation of educational tasks of the educational process.

The goals of extracurricular educational work are the formation of a holistic, harmoniously developed personality of a specialist, the education of patriotism, morality, physical culture, the formation of cultural norms and attitudes among students, the creation of conditions for the realization of students' creative abilities, and the organization of students' leisure time.

Educational work with students, being the most important component of the quality of specialist training, is carried out with the aim of forming a conscious citizenship position in each student, striving to preserve and increase moral, cultural and universal

values, as well as developing skills for constructive behavior in new economic conditions, and general cultural competencies of graduates.

KSMU has an extensive system of student self-government, which covers all aspects of student life. The activities of student self-government bodies are carried out in accordance with the approved Regulations. The system of student self-government includes student councils of groups, courses, and faculties, which are formed from among the most active student-leaders. Student councils of dormitories are formed on the basis of the heads of dormitories. The Student Council of KSMU has broad powers and real opportunities in managing student life at the university. Representatives of the KSMU Student Council take an active part in city youth projects. KSMU has formed an extensive network of numerous student clubs, sections, creative associations and collectives that take an active part in festivals, reviews and competitions both at the intra-university level, and at the city and republican levels.

The educational environment is formed using a set of measures that involve:

- creating optimal socio-cultural and educational conditions for the social and professional development of a socially active, viable, humanistically oriented, highly qualified specialist;
- formation of civic position, patriotic feelings, responsibility, increase of moral, cultural and scientific values in the conditions of modern life, rules of good taste, preservation and multiplication of traditions;
- creating conditions to meet the needs of the individual in intellectual, cultural, moral and physical development;
- instilling team management skills in various forms of student self-government.

Currently, the youth policy in the KSMU is implemented in all key areas. The directions of educational and other extracurricular activities are as follows: civil and patriotic education, spiritual and moral education, student self-management, physical education, cultural and aesthetic education, and scientific activities of students.

The plan of educational work includes traditional events, takes into account the age and psychological characteristics of students, priorities like the clothing policy, memorable dates in the history of the country and higher education institution, provides a series of events for civil-Patriotic, cultural-ethical, professional-labor education students, vocational guidance, scientific-methodological support, social and the protection of students, improving the material and technical base of educational work.

KSMU has created the necessary conditions for successful extracurricular work with students. Educational work at the level of student groups is organized by

curators appointed from among experienced teachers. Control over the work of curators, as well as providing methodological assistance in working in structural divisions, is carried out by the senior curator of the faculty, the dean's office of the faculty.

A significant amount of work is carried out by student self - government bodies - the Student Council. When implementing educational work, the Institute's staff uses various forms: individual work with students; curatorship; activities of the student scientific circle; activities of specialized student organizations; implementation of specialized programs and projects; innovative activities; interaction with social partners at the municipal, regional and interregional levels.

Для проведения культурно-KSMU uses a good material base for holding cultural and leisure events: lecture halls, rehearsal rooms, sports halls, etc.

For educational purposes, KSMU uses the opportunities of the educational process quite widely. In particular, working curricula on national history, medical history, and psychology include issues of moral, humanitarian, and patriotic education. Specialized courses on professional ethics are also taught. Educational programs in these disciplines, as well as in psychology, Kyrgyz language, Russian language and speech culture, have a pronounced cultural component. When studying subjects of natural science and clinical cycles, the merits of domestic scientists are widely noted.

In general, educational work at the university is implemented in the following main areas::

- civil-law education (students get acquainted with the Academy's Charter, their rights and obligations, and basic civil-law norms; familiarization is carried out both during training sessions and through meetings with employees of internal affairs bodies;

- patriotic education both in training sessions in various disciplines, which constantly emphasize the priority of domestic scientists in various scientific fields, and by organizing meetings of students with veterans of the Great Patriotic War, participants in other military operations, pharmaceutical workers. Students take part in various rallies dedicated to heroic and patriotic events. Participation of students in competitions dedicated to the history of the Kyrgyz Republic. Corporate forms of work, such as the Day of the Medical Worker, meetings with veterans of the Great Patriotic War, student processions, flash mobs, and a cadet ball, especially activate the civic position.

- spiritual and moral education (students are educated in the spirit of universal values, tolerance, and internationalism in the broadest sense of these terms in the classroom and outside of school hours).

On the initiative of students, patronage and charity assistance is constantly provided to orphaned children in orphanages, concerts and subbotniks are held in homes for veterans of labor. Much attention is paid to the formation of student traditions. In particular, festive events in the form of showconcerts are held annually: "Initiation to students", "Mr. and Miss KGMA", Donor Day, KVN games. Training of a competitive specialist is impossible without professional and labor education. This educational direction is implemented primarily by introducing students to future professional activities and related social functions. Students take part in seminars and competitions, develop tasks of an educational-and research nature, work in scientific circles, problem groups, and other events.

Physical education of students is aimed at the formation of a healthy lifestyle. The various sports-and health activities carried out at the Faculty of Pharmacy are led by curators, deans and a youth committee. It includes student participation in sports competitions for the Dean's Cup in football, volleyball, and the rector's Cup in football.

Psychological-counseling and preventive work includes the following sections::

- adaptation of first-year students to study at the university (explanation to students) development and forms of organization-of the educational process, additional advice on the most difficult academic disciplines, involvement of first-year students in social, cultural, sports and health-improving and research work);
- assistance to student families, including assistance in obtaining accommodation in dormitories, assigning social scholarships, and providing financial assistance;

Encouragement of students ' extracurricular activities is expressed by declaring gratitude by order of the rector, awarding certificates of honor, letters of thanks. Bonuses are also applied for success in various areas of student activity. For excellence in teaching and research activities, students are presented with personal scholarships, as well as scholarships of the President and Government of the Kyrgyz Republic.

Social-and household support for university students is implemented through::

- providing students in need with education. First-year students are settled after enrollment.
- medical services. All first-year students undergo a mandatory medical examination within the approved schedule. It is mandatory for second-and senior-year students to pass a professional examination at the medical center of KSMU or at the place of residence and obtain admission to educational activities and practical training. The Dean's office of the faculty keeps strict records of the timely passing of

fluorographic examinations by students, established by the relevant regulatory documents.

- about food organization. During the entire school day, a canteen and buffets of academic buildings function for students and teachers.

The possibility of eating is provided by a change time of 45 minutes between pairs of classes.

7. Curriculum and academic calendar. (Appendix # 2)

The curriculum is the main document for drawing up a schedule of classes and examination sessions, calculating the academic load of departments in the organization of the educational process. The quality of the curriculum is determined by its compliance with the Standard Regulations on Higher Education Institutions and State Higher Professional Education Standards in the field of training 560004 "Dentistry".

The curriculum is developed taking into account the orientation within this area of training and has appropriate educational and methodological support (working programs of courses, programs of state final certification). The curriculum fulfills the function of the educational process is provided for the distribution of disciplines in cycles and sections of the PLO in accordance with a given GOS VPO complexity in this direction to establish training sets the ratio between the load of classroom and independent work, provides the distribution of the amount of contact hours in all subjects and number of hours of theoretical training per semester, regulatory the complexity PRAktik, the state final certification.

The calendar training schedule sets the sequence and duration of the following components of the educational process: - theoretical training - examination sessions - practical training -

state final certification - vacation

Training courses are provided with work programs designed in accordance with the requirements of the State Higher Professional Education 560004 "Dentistry" approved curriculum. The work programs provide information about the competencies formed in the course of studying the discipline, the structure and content of the discipline, the educational technologies used, assessment tools for current monitoring of academic performance, intermediate certification, educational and methodological support for students' independent work, educational and methodological, information and material and technical support for the discipline.

8. Organization and conduct of courses of students' choice (CPV).

OOP of specialist training contains subjects of students' choice in the amount of at least one third of the variable hours in total according to the cycles established by the state educational standard.

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

KPVs are issued 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. As a rule, CPVs in the sections of the working curriculum on contents supplement the mandatory subjects of these sections.

9. Organization and implementation of production practices.

The OOP section of specialist training "Industrial Practice" is mandatory and is a type of training sessions that are directly focused on the professional and practical training of students.

When implementing OOP training of specialists in this specialty provides for production practices:

- assistant ward and procedure nurse - 2 weeks in the fourth semester (2 credit hours);
- assistant to a dentist (surgeon) for 2 weeks in the fifth semester (2 credit hours of ACA);
- assistant to a dentist (therapist) for 3 weeks in the sixth semester (3 credit hours);
- assistant to a dentist (orthopedic specialist) for 3 weeks in the eighth semester (3 credit hours);
- assistant dentist (children's) 2 weeks in the ninth semester (2 credit hours).

Goals and objectives, programs and reporting forms are determined by the university for each type of practice. Work programs of production practices are developed in accordance with the requirements of the State Higher Professional Education Standard.

Internships are conducted in third-party organizations - medical and scientific organizations that have the necessary personnel and scientific and technical potential, the main activity of which determines the availability of objects and types of professional activities of graduates in this area of training (specialty), or on the basis of SUNKB and in university clinics.

Certification based on the results of the internship is carried out on the basis of a written report issued in accordance with the established requirements and feedback from the head of the internship and from the enterprise. Based on the results of certification, a rating is issued.

10. Final State certification of graduates (IGA).

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

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

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

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

Students who do not have academic debt and have fully completed the curriculum or individual curriculum are allowed to join the IGA.

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

The total labor intensity of the final state certification is 2 credits. SSCs are valid for two calendar years. Commissions are guided in their activities by the " Regulations on the final state certification of graduates of higher Educational Institutions of the Kyrgyz Republic (approved by Order No. 10179 of the Ministry of Education and Science of the Kyrgyz Republic dated 15.09.2015)".

State final certification of graduates in the specialty is carried out according to the schedule and includes mandatory stages: 1. Russian History (test exam at the end of the fourth semester)

2. Interdisciplinary comprehensive exam in the specialty:

1-Stage 1-practical part (on phantoms); 2-Stage 2--
междисциплинарное interdisciplinary testing; 3-
Stage 3-oral survey by ticket.

I the stage of Final state certification practical skills development on simulated or simulated phantoms is a clinical stage that is held at the dental training-and clinical base of the I. K. Akhunbayev KSMU, to check the level of mastering practical skills in therapeutic, surgical and CPH, orthopedic and pediatric dentistry. The graduate is offered phantoms with clinical cases to solve a professional task: examination, diagnosis, determination of treatment tactics. At the same stage, the graduate's ability to interpret X-ray images, laboratory and instrumental examination methods is also taken into account

II the stage of Final state certification is an interdisciplinary testing, which is conducted in a computer classroom using personal computers. Each graduate has a personal version consisting of 100 test tasks, the answers to which they must give within 90 minutes. The criterion for assessing the knowledge of graduates is the number and quantity of correct answers to test tasks.

III The Final State Certification stage is an oral interview with a ticket that includes questions from the main clinical disciplines (therapeutic, surgical and CHLH, orthopedic and pediatric dentistry).

The final results are determined by the grades "excellent", "good", "satisfactory", "unsatisfactory". Grades "excellent", "good", "satisfactory" indicate successful completion of the state certification.

The results of attestation are announced to the graduate on the same day after the minutes of the meeting of the State Attestation Commission are drawn up and approved in accordance with the established procedure.

Graduates who have not passed the State Final Certification for a valid reason (for medical reasons or in other exceptional cases, documented) may be given the opportunity to pass the IGA without deduction from the KSMU, but no later than six months, starting from the date indicated on the document presented to students.

Persons who did not pass the GIA for a disrespectful reason or those who have received unsatisfactory grades, they have the right to pass the GIA again no earlier than one year and no later than five years after passing the GIA for the first time. In this case, the student is expelled from the university and a certificate of study of the established sample is issued to him.

Subject to successful completion of all the established forms of IGA, a graduate of the Academy in the specialty "Dentistry "is awarded the qualification"-General dentist " and a state - issued diploma of higher professional education is issued.

The procedure for conducting state final certification under educational programs of higher education to be based on Provisions "About the final state certification of graduates of higher educational institutions of the Kyrgyz Republic" approved by the resolution of the Government of the Kyrgyz Republic of May 29, 2012 No. 346, state educational standards of higher professional medical education, approved by order No. 10179 Moin CU from 15.09.2015 and position on the final state certification of graduates of KSMA approved by order No. 137 of 24.05. 2018.

11. Documents regulating the content and organization of the educational process in the implementation of this OOP HPE

In accordance with the Law of the Kyrgyz Republic " On Education " of April 30, 2003 No. 92 with subsequent amendments; Approximate curriculum approved by the Ministry of Education and Science of the Kyrgyz Republic of May 25, 2012. No. 4-C; State Educational Standard, approved by the Resolution of the Government of the Kyrgyz Republic dated September 15, 2015; Charter of KSMAA (approved with the Ministry of Education and Science of the Kyrgyz Republic dated September 12, 2013. approved by the Order of the Ministry of Health of the Kyrgyz Republic dated October 04, 2013 No. 581 and registered by the Ministry of Justice of the Kyrgyz Republic dated November 15, 2013).

- The position on the final state certification of graduates of KSMA approved by the order No. 134 of 24.05. 2018.; the content and organization of the educational process with the implementation of the OOP VPO regulated curriculum, work programs of training's courses, subjects, disciplines (modules); other materials, ensuring the quality of training and education of students; programs of training and work practices; academic calendar schedule and methodological materials for R, the implementation of appropriate educational technologies.

12. Assessment of the quality of mastering the main educational program of KSMU provides a guarantee of the quality of training by implementing the following areas::

- creation of a university-wide quality management system for the educational process;
- development of uniform requirements for ensuring the quality of graduate training with the involvement of employers;
- monitoring the updating and reviewing of work programs in disciplines;

- creation and improvement of technologies for assessing the level of knowledge and skills of students, mastering competencies by graduates;
- ensuring the professionalism and competence of the teaching staff;
- regularly conduct an internal audit based on agreed criteria for evaluating the Company's performance.