

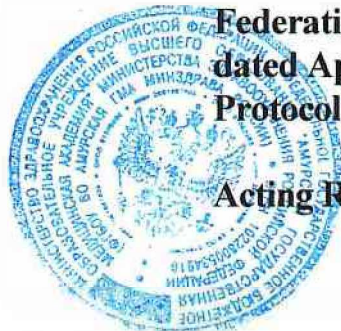
**MINISTRY OF HEALTH  
OF THE RUSSIAN FEDERATION**  
Federal State Budgetary Educational Institution  
of Higher Education  
"Amur State Medical Academy"

**APPROVED**

**by decision of the Academic Council of the  
Federal State Budgetary Educational  
Institution of Higher Education  
Amur State Medical Academy of the  
Ministry of Health of the Russian  
Federation**

**dated April 22, 2025  
Protocol No. 15**

**Acting Rector**  **I. V. Zhukovets**



**BASIC PROFESSIONAL EDUCATIONAL PROGRAM OF  
HIGHER EDUCATION**

**Specialist in specialty 31.05.01 General Medicine**

**Qualification (degree): General Practitioner**

**Form of training: full-time**

**Normative total duration of study: 6 years**

**Enrollment year: 2025**

Blagoveshchensk, 2025

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## 1.1. Introduction

Basic professional educational program of higher education (hereinafter BPEP HE), implemented by the Federal State Budgetary Educational Institution of Higher Education “Amur State Medical Academy” of the Ministry of Health of the Russian Federation (hereinafter the Academy) in the specialty 31.05.01 General Medicine, is a system of documents developed and approved by the Amur State Medical Academy taking into account the needs of the regional labor market based on the Federal State Educational Standard of Higher Education (hereinafter FSES) in the specialty 31.05.01 General Medicine (specialty level), approved by the order of the Ministry of Education and Science of the Russian Federation dated August 12, 2020. No. 988, registered with the Ministry of Justice of Russia on August 26, 2020 No. 59493 and the professional standard "General Practitioner (District Therapist), approved by order of the Ministry of Labor and Social Protection of the Russian Federation dated March 12, 2017 No. 293n, registered with the Ministry of Justice of Russia on April 6, 2017 No. 46293.

The educational program in accordance with p. 9. Art. 2. Chapter 1 of the Federal Law dd. December 29, 2012 No. 273- FZ "On Education in the Russian Federation" [29.12.2012 N 273-FZ "On Education in the Russian Federation"](#) is a set of basic characteristics of education (academic load, content, expected outcomes), organizational and pedagogical conditions and, in cases stipulated by this Federal Law, forms of certification, which is presented in the form of a curriculum, academic calendar, educational programs of academic subjects, courses, disciplines (modules), other components, as well as assessment and methodological resources.

BPEP HE in the specialty 31.05.01 General Medicine includes: a curriculum, a calendar academic schedule, educational programs of academic disciplines, programs of practices, a calendar plan of academic work, a program of the final state certification (GIA), and other materials that ensure the quality of training process, as well as assessment tools and methodological resources.

Educational activities under the specialist degree program are carried out in the state language of the Russian Federation – Russian.

## 1.2. Normative documents for the development of the BPEP HE

1. Federal Law dated [29.12.2012 N 273-FZ "On Education in the Russian Federation"](#)
2. Federal Law of November 24, 1995 No. 181-FZ "On Social Protection of Disabled Persons in the Russian Federation" ( Revised on December 8, 2020(with amendments and additions, entered into force on December 19, 2020).
3. Federal Law dated November 21, 2011 N 323-FZ "On the Fundamentals of Health Protection of Citizens in the Russian Federation.
4. The State Program of the Russian Federation "Accessible Environment", approved by the Decree of the Government of the Russian Federation of March 29, December 2019 No. 363.
5. The State Program of the Russian Federation "Development of Education", approved by the Decree of the Government of the Russian Federation of December 26, 2017 No. 1642 (as amended on March 15, 2021).
6. Federal State Educational Standard of higher education in the specialty 31.05.01 General Medicine (specialty level), approved by Order of the Ministry of Education and Science of the Russian Federation dated August 12, 2020 No. 988, registered with the Ministry of Justice of Russia on August 26, 2020.
7. Order of the Ministry of Education and Science of the Russian Federation dated June 29, 2015 No. 636 "On approval of the Procedure for conducting state final certification for educational programs of higher education - bachelor's degree programs, specialist degree programs and master's degree programs" (as amended on March 27, 2020).
8. Order of the Ministry of Labor and Social Protection of the Russian Federation dated March 21, 2017 No. 293 n "On approval of the professional standard "General practitioner (district physician - therapist)", registered with the Ministry of Justice of the Russian Federation on April 16, 2017, registration No. 46293.

9. Order of the Ministry of Education and Science of the Russian Federation dated April 6, 2021 No. 245 "On approval of the Procedure for organizing and implementing educational activities under educational programs of higher education - bachelor's degree programs, specialist degree programs, master's degree programs."
10. Order of the Ministry of Education and Science of the Russian Federation dated 23.08.2017 No. 816 "On approval of the Procedure for the application by organizations carrying out educational activities of electronic learning, distance learning technologies in the implementation of educational programs."
11. Order of the Ministry of Education and Science of the Russian Federation dated 09.11.2015 No. 1309 "On approval of the Procedure for ensuring conditions of accessibility for persons with disabilities of facilities and services provided in the field of education, as well as providing them with the necessary assistance."
12. Order of the Ministry of Education and Science of the Russian Federation dated September 12, 2013 No. 1061 "List of higher education specialties" (as amended and supplemented as of April 15, 2021).
13. Methodological recommendations for the organization of the educational process for teaching disabled people and people with limited disabilities in higher education institutions, including the equipment of the educational process 08.04.2014 No. AK-44/05vn.
14. Regulatory and methodological documents of the Ministry of Education and Science of the Russian Federation.
15. Local regulations of the Amur State Medical Academy governing the organization and implementation of the educational process.

### **1.3. General characteristics of the BPEP HE in the specialty**

#### **31.05.01 General Medicine**

##### ***1.3.1. The goal (mission) of the BPEP HE in the specialty 31.05.01 General Medicine***

**The mission** of the BPEP HE in the specialty 31.05.01 General Medicine is to provide high-quality training of highly qualified competitive medical personnel for the Amur Region, the Far Eastern Federal District and the Asia-Pacific Basin, to carry out fundamental and applied research and to train highly qualified personnel on their basis, to ensure the educational process of youth and social protection of students.

Amur State Medical Academy aims to train highly qualified medical specialists who possess fundamental knowledge and a creative approach to solving professional problems, who have a principled civic position and high moral and ethical qualities.

The BPEP HE in the specialty 31.05.01 General Medicine involves the unification of training and education in the educational process, which contribute to the formation of intellectual, cultural and moral qualities, skills, and abilities necessary for a specialist for life and professional activity.

##### ***1.3.2. The objectives of the BPEP HE in the specialty 31.05.01 General Medicine***

The objectives of the BPEP HE in the specialty 31.05.01 General Medicine are:

- implementation (fulfillment) of the requirements of the Federal State Educational Standard of Higher Education in the specialty 31.05.01 General Medicine as a federal social norm in the educational and scientific activities of the Amur State Medical Academy, taking into account the specifics of the scientific and educational school of the academy and the current needs of the regional labor market;
- ensuring a level of higher education at the Amur State Medical Academy not lower than that established by the requirements of the Federal State Educational Standard of Higher Education in the specialty 31.05.01 General Medicine;

- creation of a basis for an objective assessment of the actual level of formation of compulsory educational results and competencies among students at all stages of their training at the Amur State Medical Academy;
- creation of a basis for objective assessment and self-assessment of the educational activities of the Amur State Medical Academy.

### ***1.3.3. Duration of mastering the BPEP HE in the specialty 31.05.01 General Medicine***

For persons with secondary (complete) general education, the standard period for mastering the BPEP HE, including holidays provided after passing the State Final Certification (SFA), regardless of the educational technologies used, is 6 years for full-time education. Correspondence education in this specialty is not provided for by the educational standard.

When studying according to an individual educational plan for disabled people and persons with disabilities, it can be extended upon their application by no more than 1 year.

The period of obtaining higher education under the educational program does not include the time the student spends on academic leave, maternity leave, or time spent on parental leave until the child reaches the age of three years, if the student does not continue studying during this period.

### ***1.3.4. Labor intensity of the BPEP HE in the specialty 31.05.01 General Medicine***

The total workload of the BPEP HE is 360 credit units (hereinafter CU). 1 CU corresponds to 36 academic hours (academic hour = 45 minutes).

- The workload for the academic year is 60 credit units, there are 2 semesters in a year, classes start on September 1. The volume of the specialist degree program implemented in one academic year is no more than 70 credit units, regardless of the educational technologies used, the implementation of the specialist program using a network form, the implementation of the specialist program according to an individual curriculum (except for accelerated learning), and with accelerated learning - no more than 80 credit units.
- The maximum academic load (total workload) of a student's academic workload cannot exceed 54 hours per week, including all types of classroom and extracurricular (independent) academic work and optional disciplines established by the Amur State Medical Academy and not mandatory for students to study.
- The maximum academic load of classroom training sessions should not exceed, on average, 36 hours per week during the period of theoretical training.
- The number of hours allocated to lecture-type classes, in general, for Block 1 "Disciplines (modules)" makes up no more than 30% of the total number of classroom hours allocated for the implementation of this Block.
- The total amount of vacation time in the academic year is not less than 49 calendar days; the vacation time after passing the State Final Attestation is not less than 49 calendar days.
- The duration of the State Final Attestation does not exceed 2 weeks.
- Self-sustained work of students in mastering the discipline of BPEP HE constitutes no less than 1/3 of the time of the total labor intensity of this discipline.

### ***1.3.5. Graduate qualifications***

Upon completion of the training period in the specialty 31.05.01 General Medicine, the graduate is awarded the qualification of "General Practitioner".

## ***1.4. Requirements for applicants***

Persons with an appropriate level of education, the presence of which is confirmed by:

- a document on secondary general education or a document on secondary specialized education and qualifications, or a document of higher education and qualifications (hereinafter referred to as a document of the established form);
- a document on education or on education and qualifications of the form established by the Federal Executive Body exercising functions on developing State Policy and Legal Regulation in the sphere of education, or the Federal Executive Body exercising functions on developing state policy and legal regulation in the sphere of Healthcare, or the Federal Executive Body exercising functions on developing State Policy and legal regulation in the sphere of Culture;
- a state-issued document on the level of education or on the level of education and qualifications, obtained before January 1, 2014 (a document on initial specialized education confirming the certificate of secondary (complete) general education, and a document on initial specialized education obtained on the basis of secondary (complete) general education, are equivalent to a document on secondary specialized education);
- a document on education and qualifications of the sample established by the Federal State Budgetary Educational Institution of Higher Professional Education "Lomonosov Moscow State University" (hereinafter referred to as Lomonosov Moscow State University) and the Federal State Budgetary Educational Organization of Higher Education (Federal State Budgetary Educational Institution of Higher Professional Education) "Saint Petersburg State University" (hereinafter referred to as Saint Petersburg State University), or of the sample established by the decision of the collegial governing body of the educational organization, if the document is issued to a person who has successfully passed the State Final Certification;
- a document on education or on education and qualifications, issued by a private organization carrying out educational activities on the territory of the Skolkovo Innovation Center;
- a document (documents) of a foreign state on education or on education and qualifications, if the education specified in it is recognized in the Russian Federation at the level of the corresponding education (hereinafter - a document of a foreign state on education).

### **1.5. Main users of the BPEP HE in the specialty 31.05.01 General Medicine**

1. The teaching staff responsible for high-quality development, effective implementation and updating of the BPEP HE.
2. Students responsible for the effective implementation of their educational activities in mastering the BPEP HE.
3. Administration and collective management bodies of the Amur State Medical Academy.
4. Applicants and their parents.
5. Employers.

## **2. CHARACTERISTICS OF PROFESSIONAL ACTIVITIES OF GRADUATES OF THE AMUR STATE MEDICAL ACADEMY IN THE SPECIALTY 31.05.01 GENERAL MEDICINE**

### **2.1. Field and areas of professional activity of graduates**

The area of professional activity and spheres of professional activity in which graduates who have mastered the specialist degree programs can carry out professional activities:

- Education and science (in the field of scientific research);
- Healthcare (in the area of providing primary health care to the population in medical organizations: clinics, outpatient clinics, inpatient and outpatient institutions of the municipal health care system and medical and preventive institutions providing primary health care to the population);
- Administrative, managerial and office activities (in the field of healthcare organizations).

Graduates can pursue professional activities in other fields and (or) areas of professional activity, provided that the level of their education and acquired competencies meet the requirements for employee qualifications.

## 2.2. Tasks of professional activity of graduates

A graduate who has mastered the BPEP HE program in the specialty 31.05.01 General Medicine can prepare to solve the following types of professional tasks:

Medical  
 Research and Development  
 Organizational and managerial

The graduate must solve the following professional tasks in accordance with the types of professional activity:

### **Medical activities:**

- prevention of the occurrence of diseases among the population by carrying out preventive and anti-epidemic measures;
- conducting preventive medical examinations, medical check-ups, and dispensary observation;
- collection and medical-statistical analysis of information on health indicators of the population of various age and sex groups, characterizing their state of health;
- diagnostics of diseases and pathological conditions of patients;
- diagnostics of emergency conditions;
- pregnancy diagnostics;
- conducting examinations of temporary disability and participation in other types of medical examinations;
- provision of primary medical and sanitary care in outpatient and day hospital settings;
- provision of primary medical and sanitary care in case of sudden acute illnesses, conditions, exacerbation of chronic diseases that are not accompanied by a threat to the patient's life and do not require emergency medical care;
- participation in providing emergency medical care in conditions requiring urgent medical intervention;
- provision of medical assistance in emergency situations, including participation in medical evacuation;
- participation in medical rehabilitation and spa treatment;
- to develop motivation among the population, patients and their family members aimed at maintaining and strengthening their health and the health of others;
- teaching patients basic hygienic health measures that help prevent the occurrence of diseases and improve health;

### **Research activities:**

- analysis of scientific literature and official statistical reviews, participation in statistical analysis and public presentation of the results obtained;
- participation in solving individual research and applied scientific problems in the field of healthcare in diagnostics, treatment, medical rehabilitation and prevention.

### **Organizational and managerial activities:**

- application of the basic principles of organizing the provision of medical care in medical organizations and their structural divisions;
- creation of favorable conditions in medical organizations for the stay of patients and the work of medical personnel;
- maintaining medical records in medical organizations;
- organization of medical examination;

- participation in organizing the assessment of the quality of medical care provided to patients;
- compliance with basic information security requirements.

### 2.3. List of professional standards associated with the educational program

- 2.4. Professional standard "General Practitioner (District Therapist)", approved by order of the Ministry of Labor and Social Protection of the Russian Federation dated March 21, 2017 N 293n, registered with the Ministry of Justice of the Russian Federation on April 6, 2017, registration N 46293.

## 3. REQUIREMENTS FOR THE RESULTS OF MASTERING THE BPEP HE IN THE SPECIALTY 31.05.01 GENERAL MEDICINE

### 3.1. Expected outcomes of mastering the educational program

The results of mastering the basic educational program of higher education in the specialty 31.05.01 General Medicine are determined by the competencies acquired by the graduate, i.e., his ability to apply knowledge, skills, experience and personal qualities in accordance with the tasks of professional activity.

As a result of mastering the basic educational program of higher education in the specialty 31.05.01 General Medicine, a graduate of the Amur State Medical Academy must possess the following **universal competencies (UC), general professional competencies (GPC) and professional competencies (PC): UC-1-11, GPC-1-11, PC-1-14.**

*A complete list of graduate's educational programs, professional development programs, and professional training programs (with characteristics of each of them and achievement indicators) associated with work functions is presented in Application No. 1 .*

## 4. STRUCTURE AND SCOPE OF THE PROGRAM IN THE SPECIALTY 31.05.01 GENERAL MEDICINE

The structure of the BPEP HE includes a mandatory (basic) part and an optional part formed by the Amur State Medical Academy, and consists of the following Blocks (Table 1):

- **Block 1“Disciplines (modules)”**, which includes disciplines (modules) related to the basic part of the program, and disciplines related to its optional part, with a workload of 309 CU. is implemented in a volume of 11,124 academic hours.

The disciplines (modules) related to the basic part of the BPEP HE are mandatory for students to master. Disciplines in philosophy, history, foreign language, life safety are implemented within the framework of the basic part of Block 1. Disciplines in physical education and sports are implemented within the framework of: the basic part of Block 1 in the amount of 72 academic hours (2 Hour(s)) and the elective part of Block 1 in the amount of 328 hours. The specified academic hours of the elective part are mandatory for mastering and are not transferred to Hour(s).

- **The content of graduate training has been expanded by adding optional disciplines, including electives (mandatory). The list of elective disciplines is based on proposals from employers (taking into account the expansion and deepening of professionally significant knowledge), departments (taking into account modern achievements of science and technology), and students (based on questionnaires and surveys). Elective disciplines chosen by students are mandatory for mastering.**

- **Block 2 “Practices, including research work (R&D)”**, which in full relates to the basic part of the program, with a labor intensity of 48 credit units, is implemented in the amount of 1728 academic hours.

**Types of academic practice:**

introductory practice;

research work (acquiring basic research skills).

**Types of industrial practice:**

practice in acquiring professional skills and experience in professional activities in mid-level medical positions;

practice of diagnostic profile;

therapeutic practice;

surgical practice;

obstetrics and gynecology practice;

practice in emergency medical procedures;

General medical practice.

- **Block 3 “State Final Accreditation”**, which in full relates to the basic part of the program and ends with the assignment of the qualification “General Practitioner”, with a labor intensity of 3 CU is implemented in the amount of 108 academic hours.

Table 1

**Structure of the BPEP HE in specialty  
31.05.01 General Medicine**

<b>Structure of the BPEP HE</b>		<b>The workload of BPEP HE in CU</b>
<b>Block 1</b>	Disciplines (modules)	309
<b>Block 2</b>	Practices	48
<b>Block 3</b>	SFA	3
<b>Workload of the specialist degree program</b>		<b>360</b>

**4. DOCUMENTS REGULATING THE CONTENT AND ORGANIZATION OF THE  
EDUCATIONAL PROCESS IN THE IMPLEMENTATION OF THE  
COMPETENCY-ORIENTED BPEP HE IN SPECIALTY 31.05.01 GENERAL  
MEDICINE**

**5.1. Curriculum (Application 2)**

The curriculum for the entire period of implementation of the BPEP HE is compiled taking into account the general requirements for the conditions for the implementation of educational programs of the specialist in the specialty 31.05.01 General Medicine. The curriculum provides a logical sequence for mastering the blocks and parts of the BPEP HE (disciplines, practices) that ensure the formation of competencies, indicates the total labor intensity of disciplines, practices in credit units, as well as their total and classroom labor intensity in hours. The curriculum is presented on the official website of the Amur State Medical Academy in the information and telecommunications network "Internet" in the subsection of the section "Information about the organization" column "Information on educational programs" <https://www.amursma.ru/sveden/education/obrazovatelnye-programmy/>

**5.2. Academic calendar schedule (Application 3)**

The academic calendar shows the sequence of implementation of the BPEP HE in the specialty 31.05.01 General Medicine, including theoretical training, practices, interim and final

certification, as well as holidays. The academic calendar is presented on the official website of the Amur State Medical Academy in the information and telecommunications network "Internet" in the column "Information on educational programs" subsection "Education" of the section "Information about the organization"

[https://www.amursma.ru/sveden/educati\\_o\\_n/o\\_b\\_razovatelnye-programmy/](https://www.amursma.ru/sveden/educati_o_n/o_b_razovatelnye-programmy/)

### **5.3. Educational programs of studied disciplines, academic and industrial practices**

The educational programs of disciplines, academic and industrial practices, their annotations in full are presented in electronic, printed versions as part of the educational and methodological complex of the discipline (hereinafter - EMCD) in the departments-developers and in the methodological office of the Amur State Medical Academy, in electronic version - in the library of the Amur State Medical Academy, in full and annotated version on the official website of the Amur State Medical Academy in the information and telecommunications network "Internet" "Information on educational programs" subsection "Education" section "Information about the organization"

<https://www.amursma.ru/sveden/education/obrazovatelnye-programmy/>

The structure and content of educational programs of disciplines, academic and industrial practices are regulated by:

- Regulations on the educational program of the discipline.
- Regulations on the educational program of practice.

### **5.4. Educational and methodological complex of disciplines and practices**

The structure, content, procedure for compiling and formatting the EMCD are regulated by the "Regulations on the educational and methodological complex of the academic discipline"

The EMCD consists of four parts :

- organizational and regulatory documentation;
- didactic materials;
- assessment fund;
- methodological recommendations;

The teaching and methodological complexes are presented in full in printed and electronic versions for each taught discipline/practice in the departments-developers, in electronic version - in the educational and methodological office and in the library of the Amur State Medical Academy, partially - on the official website of the Amur State Medical Academy in the information and telecommunications network "Internet".

### **5.5. Features of educational activities for people with disabilities**

The organization of the educational process for disabled people and people with disabilities in the Amur State Medical Academy is carried out in accordance with the recommendations contained in the Letter of the Ministry of Education and Science of Russia dated 18.03.2014 No. 06-281 "Requirements for the organization of the educational process for training disabled people and people with disabilities in professional educational organizations, including the equipment of the educational process" and "Methodological recommendations for the organization of the educational process for training disabled people and people with disabilities in higher education organizations, including the equipment of the educational process" (Approved by the Ministry of Education and Science on 08.04.2014 No. AK-44/05 vn).

The training of disabled persons with disabilities is carried out at the Amur State Medical Academy taking into account the peculiarities of psychophysical development, individual capabilities and health status of students. It can be organized both together with other students and in separate groups (based on a written application from a student with disabilities).

Comprehensive support of the educational process for students with disabilities and special educational needs is tied to the structure of the educational process and is determined by its goals, structure, content and methods.

The organization of the educational process is built taking into account the methodological developments of the resource educational and methodological center for training disabled people and persons with disabilities of the Ministry of Health of Russia.

<http://rumc.rzgm.ru/cooperation/vuzi-partnri/vidеоl е ktsii/>

The Amur State Medical Academy has created special conditions for obtaining higher education in the BPEP HE for students with disabilities and special educational needs:

### **1. Adaptation of the educational program**

During classes in groups where disabled people and people with visual and hearing disabilities are studying, it is possible to use sound amplification equipment, multimedia and other means to improve the level of perception of educational information. Students with disabilities and disabilities are provided with unimpeded access to classrooms, toilets and other premises.

The form of conducting current control, interim assessment and SFA (hereinafter collectively referred to as assessment) is established taking into account the individual characteristics of the student (orally, in writing on paper, in writing on a computer, in the form of testing, etc.); if necessary, disabled persons and persons with disabilities may be given additional time to prepare an answer for a test or exam upon their written request.

During certification, the following requirements are met:

- conducting certification for a student with disabilities and special educational needs in the same classroom together with students who do not have disabilities, if this does not create difficulties for students when passing the certification;
- the presence in the classroom of an assistant(s) who provides the student with disabilities and special educational needs with the necessary technical assistance, taking into account individual capabilities;
- use of technical means necessary for students with disabilities and special educational needs, taking into account individual characteristics;
- all local regulations of the Amur State Medical Academy on certification issues are communicated to students with disabilities and special educational needs in a form accessible to them.

The period of education for persons with disabilities and special educational needs studying under an individual educational plan may be extended at their request (based on a written application) by no more than 1 year compared to the period of education in full-time education. The volume for one academic year under an individual educational plan may not exceed 75 credit units.

When implementing the educational program, students are provided with the opportunity to master disciplines (modules) of their choice, including special conditions for disabled people and people with limited health capabilities in the amount of at least 30 percent of the variable part of Block 1 “Disciplines (modules)”.

For people with disabilities and special educational needs, the choice of places for internships takes into account their health status and requirements for accessibility of the environment.

If necessary, upon written request from a student with disabilities or special educational needs, he/she may be given the opportunity to implement an individual schedule for completing educational and industrial internships and assistance may be provided in determining the locations for completing educational and industrial internships, taking into account individual characteristics.

For people with disabilities and special needs, the Amur State Medical Academy establishes a special procedure for mastering disciplines in physical education and sports based on compliance with health-preserving principles. Classes are held in special (medical) groups with accessible physical activity, taking into account the characteristics of each student and an individual rehabilitation program. For students with limited mobility, classes in tabletop and intellectual sports are provided.

### **2. Barrier-free learning environment.**

The strategy of the Amur State Medical Academy in relation to students with disabilities and special needs is to train professional specialists. The Amur State Medical Academy provides students with disabilities and special needs with the opportunity to obtain higher education under the specialist degree program in the specialty 31.05.01 General Medicine and is actively working to

ensure conditions for training this category of students. A tolerant model of communication based on humanism and mutual respect between students of different physical abilities is the norm of academic life.

In order to create a barrier-free educational environment in the educational organization, necessary to ensure the full integration of disabled people and people with disabilities into the educational process, the Federal State Budgetary Educational Institution of Higher Education Amur State Medical Academy of the Ministry of Health of the Russian Federation is developing distance learning programs for training and advanced training of specialists with medical education. The **"Accessible Environment" program is being implemented.**

In order to ensure accessibility of higher education for disabled people and people with disabilities, the Amur State Medical Academy provides for:

1) provision of priority right to provision of educational and methodological materials in printed and electronic forms (in accessible format); assistance in organizing independent work, individual consultations in eliminating academic debts that arose as a result of the main disease. Organizational issues are resolved by the dean and his deputies together with the academic department, the student personnel department

2) for people with disabilities and visual impairments: availability of an alternative version of the official website on the Internet for the visually impaired, use of means of enhancing residual vision: screen magnifiers; presence of an assistant providing the student with the necessary assistance in the educational process; ensuring the release of alternative formats of educational materials prepared by the faculty of Amur State Medical Academy (upon application);

3) for disabled people and persons with hearing impairments: provision of appropriate sound means for reproducing information (upon application);

4) for disabled people and people with disabilities who have musculoskeletal disorders, the Amur State Medical Academy ensures unimpeded access of students to classrooms, canteens, toilets and other premises of the university, as well as a comfortable stay in the said premises.

The Amur State Medical Academy is implementing an action plan (road map) to increase the accessibility indicators for disabled people of facilities and services provided therein

for 2021-2030. [https://www.amursma.ru/upload/docs/dostupnaya-sreda/Dorozhnaya\\_karta\\_plan\\_meropriyatij\\_FGBOU\\_VO\\_Amurskaya\\_GMA\\_Minzdrava\\_Rossii\\_na\\_2022\\_g.pdf](https://www.amursma.ru/upload/docs/dostupnaya-sreda/Dorozhnaya_karta_plan_meropriyatij_FGBOU_VO_Amurskaya_GMA_Minzdrava_Rossii_na_2022_g.pdf)

The Academy's website contains passports of accessibility for disabled people of the facility and the services provided therein for the main academic buildings and dormitory.

[https://www.amursma.ru/upload/docs/dostupnaya-sreda/2021/PASPORT\\_dostupnosti\\_dlya\\_invalidov\\_obekta\\_i\\_predostavlyaemyx\\_na\\_nem\\_uslug.\\_ZDANIE\\_ADMINISTRATIVNOGO\\_KORPUSA\\_KKX\\_2021\\_g.pdf](https://www.amursma.ru/upload/docs/dostupnaya-sreda/2021/PASPORT_dostupnosti_dlya_invalidov_obekta_i_predostavlyaemyx_na_nem_uslug._ZDANIE_ADMINISTRATIVNOGO_KORPUSA_KKX_2021_g.pdf)

Passport of accessibility for disabled people of the facility and services provided therein. Building of educational building No. 1 .

Accessibility passport for the facility and services provided therein for the disabled. Building of the educational building No. 2

Passport of accessibility for disabled people of the facility and services provided therein. building of educational building No. 3

Accessibility passport for the facility and services provided therein for the disabled. Building of the educational building No. 4

Passport of accessibility for the disabled of the facility and services provided therein. Morphological building

Passport of accessibility for disabled people of the facility and services provided therein. Administrative and economic part building .

Passport of accessibility for disabled people of the facility and services provided therein. Vivarium building .

Passport of accessibility for disabled people of the facility and services provided therein. Building of student dormitory No. 2 .

Passport of accessibility for disabled people of the facility and services provided therein. Building of the administrative building of the cardiac surgery clinic .

Passport of accessibility for disabled people of the facility and services provided therein. Building of the medical building of the cardiac surgery clinic .

Passport of accessibility for disabled people of the facility and services provided therein. Tomography building of the cardiac surgery clinic .

## ***2. Comprehensive support of the educational process and conditions for health preservation..***

Organizational and pedagogical support of inclusive **education of disabled students and individuals with disabilities involves** monitoring the academic performance of students in this category in accordance with the calendar schedule of the educational process and the implementation of certification activities. Socially active (with involvement in the general university communicative environment) and interactive teaching methods are used to assist in establishing full-fledged interpersonal relationships with other students, creating a comfortable psychological climate in study groups.

Medical and health support includes diagnostics of the physical condition of disabled people and people with disabilities, maintaining health, developing adaptive potential, and adaptability to learning.

Social support for students with disabilities and persons with disabilities includes measures of comprehensive support of the educational process aimed at their social support, including solving everyday problems, issues of living in a dormitory, social payments, allocation of financial assistance, scholarship provision, provision of services of the State Autonomous Healthcare Institution of the Arkhangelsk Region "Blagoveshchensk City Clinical Hospital No. 3" Therapy Department No. 3 (Student Outpatient Clinic), Scientific Center of Public Health "Family Doctor" Federal State Budgetary Educational Institution of Higher Education Amur State Medical Academy of the Ministry of Health of the Russian Federation ( the possibility of receiving primary health care for injuries, acute and chronic diseases, partial implementation of treatment, preventive and rehabilitation measures, as well as the provision of advisory assistance from a psychologist).

In accordance with the Internal Regulations, the use of the hostel and residential premises of the Amur State Medical Academy, persons with disabilities and special educational needs have the priority right to be provided with a place in the hostel. The buildings and hostels of the Academy are equipped with a fire alarm.

One of the most important areas of activity to ensure social protection is to promote employment and job placement of persons with disabilities and the Amur State Medical Academy graduates, and to improve their social adaptation in the regional labor market. The Amur State Medical Academy has a Career Center to promote employment of students and employment of Amur State Medical Academy graduates.

The main ones - the activities of the center include ongoing interaction with employers in the regional labor market, active forms and methods of working with students (presentations of medical organizations, job fairs; master classes and training seminars, etc.). Activities to promote employment of disabled people and people with disabilities are carried out through the interaction of the Amur State Medical Academy with state employment centers, medical organizations, non-profit organizations, and public organizations of disabled people. The Amur State Medical Academy ensures the creation of a tolerant professional and socio-cultural environment necessary for the formation of the civic, legal, and professional position of students, the readiness of team members to communicate and cooperate, and the ability to tolerate social, personal, and cultural differences. Detailed information is presented on the official website of the Amur State Medical Academy in the information and telecommunications network "Internet" in the section "Career Center"

<https://www.amursma.ru/tsentr-sodeystviya-trudoustroystvu-studentov-i-vypusknikov/trudoustroystvo/>

## 6. ACTUAL RESOURCE SUPPORT FOR THE IMPLEMENTATION OF THE BPEP HE IN THE SPECIALTY 31.05.01 GENERAL MEDICINE

### 6.1. Academic Staff

The academic staff provision for the educational process is the most important condition that determines the quality of training specialists.

The staff of scientific and pedagogical workers implementing the basic educational program of higher education in the specialty 31.05.01 General Medicine meets the requirements of paragraphs 7.1.4. - 7.2.4. of the Federal State Educational Standard of Higher Education in the specialty 31.05.01 General Medicine. The implementation of the specialist program is ensured by the management and scientific and pedagogical workers of the organization, as well as by persons involved in the implementation of the specialist program under the terms of a civil law contract. The qualifications of the management and scientific- pedagogical employees of the organization correspond to the qualification characteristics established in the Unified Qualification Handbook of Positions of Managers, Specialists and Employees, section "Qualification characteristics of positions of managers and specialists of higher professional and additional professional education", approved by order of the Ministry of Health and Social Development of the Russian Federation dated January 11, 2011 No. 1n (registered by the Ministry of Justice of the Russian Federation on March 23, 2011; registration No. 20237).

Educational activities at the faculty are provided by 155 full-time teachers and 19 external part-time teachers, of which 37 are Holders of an Advanced Doctorate Degree and 90 have PhD of Sciences.

The share of full-time scientific and pedagogical staff is 89%, the share of not-on the staff employees from among managers and employees with at least 3 years of experience in various fields of professional activity is 11 % .

The proportion of full-time scientific and pedagogical workers with a PhD or Doctoral Degree in the total number of scientific and pedagogical workers conducting the educational process in the specialty 31.05.01 General Medicine is 79%.

The number of academic degrees in general professional disciplines and specialty disciplines is 79%. The share of research and teaching staff holding a PhD or Doctoral Degree corresponding to the specialties of section 14.00.00 of the Nomenclature of Scientific Worker Specialties is 76%. The number of research and teaching staff holding a PhD or Doctoral Degree per 100 students is 9 people. 21 people hold the academic title of Professor, 39 - Associate Professor. Two Professors have been awarded the honorary title of "Honored Scientist of the Russian Federation". Among the teachers of clinical departments engaged in medical work, 34 have the highest qualification category, 3 - the first and 2 - the second.

The faculty's specialized department - **the department of Hospital Therapy with a course in Pharmacology** - is headed by Holder of an Advanced Doctorate Degree (Doctor of Medical Sciences), Full Professor V.V. Voitsekhovskiy, with 28 years of scientific and pedagogical experience.

Currently, 41 people work in the departments teaching the disciplines of the specialty (the departments of Hospital Therapy with a course in Pharmacology, Hospital Surgery with a course in Pediatric Surgery, Faculty and Outpatient Therapy, Obstetrics and Gynecology). Of these, there are three Honored Doctors of the Russian Federation, two persons are excellent health workers.

97.7% of the academic staff participating in the implementation of the BPEP HE in the specialty 31.05.01 General Medicine has basic education in the profile of the taught disciplines. Persons who are prohibited from doing so by Part II of Article 331 of the Labor Code of the Russian Federation are not allowed to engage in teaching activities in the medical field.

Full-time teachers working in the specialty 31.05.01 General Medicine, received or additional (to higher) education "Higher School Teacher". Every 3 years, teachers improve their pedagogical qualifications by studying in additional professional education programs in the teaching profile at the Amur State Medical Academy and central bases upon receiving the certificate.

All teachers providing the educational process in the disciplines of the specialty are practicing doctors and regularly improve their qualifications in programs of additional professional education of medical workers of higher education at the faculty of the Faculty of Professional Development of the Amur State Medical Academy, in leading scientific centers, institutes of the Russian Academy of Sciences upon passing the qualification exam and receiving a specialist certificate for the right to work in the medical specialty.

In addition to mandatory training in additional professional education programs, the increase qualifications of scientific and pedagogical workers provides for their participation in conferences, seminars, symposia, congresses and the development of scientific and educational-methodological publications recommended for use by educational-methodological associations .

The department staff is engaged in scientific activities in the main scientific areas of the Amur State Medical Academy: "Human adaptation in various geographical, climatic and industrial conditions", "Pathology of the respiratory system", "Scientific foundations for protecting the health of women, mothers, fetuses, and newborns", "Surgery of diseases and injuries of organs and systems".

Teachers have publications in peer-reviewed domestic and foreign scientific journals, proceedings of national and international conferences, symposia, and congresses.

All this, of course, increases the level of training of teachers teaching students in the specialty 31.05.01 General Medicine.

Detailed information on the personnel conditions for the implementation of the BPEP HE in the specialty 31.05.01 General Medicine is presented on the official website of the Amur State Medical Academy in the information and telecommunications network "Internet" in the subsection "Management. Scientific and pedagogical staff" of the section "Information about the educational organization" <https://www.amursma.ru/sveden/employees/>

## **6.2. Educational, methodological, informational support and logistics**

### ***6.2.1. Educational, methodological and informational support***

The set of educational, methodological and informational support that ensures the implementation of the basic educational program of higher education in the specialty 31.05.01 General Medicine is aimed at high-quality training of students, the formation of the educational and training complex, the basic educational program and the personal computer.

The main areas of development of the library are providing information support for the educational and scientific activities of the Amur State Medical Academy, forming a fund of printed and electronic resources and ensuring their availability to all categories of readers, and increasing the level of communication and information culture of users.

The collection is formed taking into account the focus of the main professional educational programs in accordance with the requirements of the Federal State Educational Standard of Higher Education in the specialty 31.05.01 General Medicine, thematic acquisition plan, and the card index of book supply of disciplines. The library constantly monitors the book supply of the educational process, using the data of the "Book Supply" module, which is constantly updated. All information about library and information resources is entered into the database of book supply of disciplines of the BPEP HE in the specialty 31.05.01 General Medicine and is reflected in the lists of literature of the working programs of disciplines. Detailed information about "Book Supply" is presented on the official website of the Amur State Medical Academy in the section of the main menu "Education", the tab "Libraries", the subsection "Library of the Amur State Medical Academy" and on the closed part of the site.

The total library collection is 330,470 thousand documents. The library collection includes educational, scientific literature, periodicals and reference publications.

With the establishment of the automated information and library system "1C:Library", work is underway to systematize and compile a bibliographic record of documents in the electronic catalog.

In addition to the main library collection, which is on the library register, there is a collection of conditional storage units, an electronic resource, which is added to the main collection for the period of the paid and contractually determined access period. The Academy has concluded contracts with electronic library systems (ELS) and electronic libraries and for the provision of information services. Electronic library systems provide unlimited access to educational, educational-methodical, scientific and periodical publications from anywhere on the Internet. Electronic resources are represented by electronic library systems: ELS "Student Consultant", ELS "Doctor Consultant", NEL "eLIBRARY" - electronic library of periodicals. Each student is provided with individual remote and unlimited access to electronic library systems throughout the entire period of study. ELS specialize in educational materials for universities and meet the requirements of federal state educational standards for funds of primary and additional literature.

The library of the Federal State Budgetary Educational Institution of Higher Education Amur State Medical Academy of the Ministry of Health of the Russian Federation became a participant in the project "Network Electronic Library of Medical Universities" on the platform of the electronic library system "Lan" and a participant in the project of the Association of Medical Libraries "Big Medical Library" (BMB) on the platform of the electronic library system BookUp. Registered users received free access to the content of partner universities for the joint use of electronic educational publications of medical universities of Russia and the CIS countries.

The provision of educational and methodological literature, taking into account electronic resources, is 100%.

For independent work, readers have two reading rooms and an electronic reading room (Internet class). Room No. 1 is equipped with 8 computers with Internet access. Room No. 2 does not have Internet access, but contains subscription periodicals. The electronic reading room (Internet class) is equipped with 10 computers with Internet access, printers, and a scanner. The library has a copying machine.

In accordance with the requirements for accessibility to all educational and information-bibliographic resources for persons with disabilities, a workstation has been set up in the library: a personal computer with new software that allows for quick access for the blind and visually impaired by means of voice reproduction of the material. (Portable reading device PEARL).

The library page of the Academy's website contains a list of electronic educational resources to which students have access, including those adapted for use by disabled people and people with disabilities.

Each student is provided with remote access to professional databases and information reference systems on the Academy website in the section "Training" - "Electronic educational resources", as well as in the section "Library of Amur State Medical Academy". <https://www.amursma.ru/obuchenie/biblioteki/biblioteka-amurskoy-gma/> Electronic educational resources are adapted for students with disabilities.

The electronic information environment provides each student with unlimited access throughout the entire period of study to curricula, work programs of disciplines, practices (educational and industrial), publications of the electronic library system and electronic educational resources specified in the work programs of disciplines and practices.

### **6.2.2. Logistics**

The Amur State Medical Academy has a material and technical base that ensures the implementation of all types of educational and research work in all disciplines and practices included in the basic educational program of higher education in the specialty 31.05.01 General Medicine, in accordance with the Federal State Educational Standard of Higher Education in the specialty 31.05.01 General Medicine and regulatory documents of the Ministry of Education and Science of Russia governing the organization and implementation of the educational process.

The total area of buildings of the Amur State Medical Academy is 70,526 m<sup>2</sup>, of which 61,991 m<sup>2</sup> is under the operational management of the Amur State Medical Academy and 8,535 m<sup>2</sup> is

under free management. The total area of educational and laboratory premises is 38,142 m<sup>2</sup>, of which 29,607 m<sup>2</sup> is under the operational management of the Academy and 8,535 m<sup>2</sup> is under free management.

The educational activities of the Amur State Medical Academy are carried out in 4 educational buildings, a morphological building and clinical bases.

The bases for conducting theoretical classes are :

- Academic building No. 1;
- Academic building No. 2;
- Academic building No. 3 ;
- Academic building No. 4;
- morphological corpus .

The bases for conducting clinical classes are:

- Scientific and practical medical center "Family Doctor" of the Amur State Medical Academy and the Cardiac Surgery Clinic, which are structural divisions of the Amur State Medical Academy;
- State Budgetary Healthcare Institution of the Amur Region “Amur Regional Anti-Tuberculosis Dispensary”;
- State Healthcare Institution of the Amur Region “Amur Regional Skin and Venereal Diseases Dispensary” ;
- State Healthcare Institution of the Amur Region “Amur Regional Children’s Clinical Hospital”;
- State Autonomous Healthcare Institution of the Arkhangelsk Region "Amur Regional Clinical Hospital"; Regional Perinatal Center of the State Autonomous Healthcare Institution of the Amur Region "Amur Regional Clinical Hospital" ;
- State Autonomous Healthcare Institution of the Joint-Stock Company "Blagoveshchensk City Clinical Hospital" ,Maternity hospital of the State Autonomous Healthcare Institution of the Amur Region “Blagoveshchensk City Clinical Hospital ” ;
- State Healthcare Institution of JSC “Children's City Clinical Hospital” , building of children's polyclinics and No. 3;
- State Healthcare Institution of the Amur Region “Amur Regional Oncology Dispensary”;
- State Healthcare Institution of the Amur Region “Amur Regional Infectious Diseases Hospital”;
- State Healthcare Institution of the Region "City Polyclinic No. 1";
- State Healthcare Institution of the Region "City Polyclinic No. 2";
- State Healthcare Institution of the Region "City Polyclinic No. 3";
- State Healthcare Institution of the Region "City Polyclinic No. 4";
- State Autonomous Healthcare Institution of the Amur Region "Amur Bureau of Forensic Medicine";
- Federal State Budgetary Scientific Institution "DNC FPD" of the Siberian Branch of the Russian Academy of Medical Sciences;
- Federal State Institution of Healthcare "Emergencies Ministry of the Ministry of Internal Affairs of Russia for the Amur Region" ;
- State Budgetary Healthcare Institution of the Amur Region "Amur Psychiatric Hospital".

There are more than 5 beds per student at the teaching hospital of the Amur State Medical Academy, which fully meets the needs of the educational process.

When conducting classes at clinical sites, the following are used:

- departments of functional diagnostics with modern methods of research of the respiratory, cardiovascular, digestive, nervous and urinary systems;
- departments of ultrasound diagnostics, endovideosurgery, X-ray diagnostics, endoscopy;
- departments of peritoneal dialysis, laser therapy and radiation and polychemotherapy, physiotherapy department, etc.;
- departments of laboratory diagnostics: clinical, biochemical, morphological, virological, immunological, cytogenetic, cytological, neonatal screening and biochemistry, PCR laboratory;

- offices equipped for receiving and examining patients;
- medical offices equipped with the necessary equipment for working with children, adolescents and adults receiving preventive, diagnostic, therapeutic and rehabilitation care.

Seven classrooms are used for conducting lecture-type classes.

For practical, laboratory and practical clinical classes, all departments use classrooms equipped with furniture, including specially equipped rooms for studying humanitarian and socio-economic disciplines, hygiene, public health and healthcare, and educational laboratories:

- laboratories in physics and mathematics, microbiology and virology, biological chemistry, chemistry, biology, pharmacology;
- experimental laboratories on pathophysiology and hygiene;
- biochemical, pathological, immunological, histological laboratories.

All departments of the Amur State Medical Academy use computer and multimedia equipment in the educational process. In total, the Academy is equipped with 842 computers, of which 401 are used for educational purposes. 345 computers have access to the Internet, of which 174 are used for educational purposes. Amur State Medical Academy has 12 computer classrooms for classes, in which 139 computers are located, 66 computers are used by students for self-study and have access to the information and telecommunications network "Internet" and the electronic information and educational environment of the Academy.

In accordance with the requirements of the Federal State Educational Standard of Higher Education for the specialty 31.05.01 General Medicine, for the implementation of the educational process, the Amur State Medical Academy has: an anatomical hall (area 70.4 m<sup>2</sup>), an anatomical museum (area 88.2 m<sup>2</sup>), a mortuary (area 196.6 m<sup>2</sup>).

For physical education and sports classes, 4 sports halls, 1 hockey rink, and a stadium are used. To improve physical development and health preservation outside of school hours, students have the opportunity to relax in the health camp "Medic", which is located in the village of Mukhinka and occupies an area of 791.3m<sup>2</sup>.

Much attention is paid to acquiring practical skills. For this purpose, the Amur State Medical Academy has an accreditation and simulation center (hereinafter referred to as the Center). The Center occupies more than 700 m<sup>2</sup> and is equipped with equipment that allows for conducting simulation and practical classes of 1-4 realism. During training at the Center, the main emphasis is on simulating a real business environment, rather than practicing isolated practical skills. The Center is equipped with modern medical and simulation equipment (simulators, dummies, simulators of varying complexity), allowing for conducting simulation and practical classes of 1-4 realism. Training of students of 1-6 courses is conducted in classrooms, specially equipped hospital ward and disaster room, conference room, which is equipped with a multimedia system for lectures, seminars, conferences, 4 simulation rooms. In total, the Center has more than 70 mannequins, simulators and simulators of various levels of complexity. The Center has a local computer network, providing access to the control of mannequins and the video monitoring system from any simulation room. The Center has the third level of accreditation.

More detailed information about the activities of the Center is presented on the official website of the Amur State Medical Academy in the information and telecommunications network "Internet" in the tab "Accreditation and Simulation Center" of the main menu section "Training"

<https://www.amu.rsma.ru/obuchenie/simulyatsionno-attestatsionnyy-tsentr/>

Students have access to a library with a total area of 900 m<sup>2</sup>, which includes: reading rooms on the library premises (general, social and humanitarian literature, periodicals) and reading rooms in the dormitories and in the Department of Humanities (the rooms are designed for 180 seats); 3 subscription departments (educational, scientific and humanitarian-fiction literature); department of acquisition and scientific processing of literature; two Internet classes.

8 student dormitories with 2400 places provide accommodation for all students in need.

The Academy has a student club "Rodnik" and a history museum "Amur State Medical Academy-Baltic State Medical Institute".

The Amur State Mining Academy pays special attention to ensuring safety: visual and sound warning and alarm systems have been installed.

The Amur State Medical Academy has an effective information technology department and an official website, which, in accordance with the requirements for posting information about an educational organization on the Internet, provides information about the structure and management bodies of the Amur State Medical Academy, the regulatory framework, the organization of the educational process, the material and technical equipment of the educational process, the organization of educational and methodological work in the departments, the class schedule, etc.

The editorial and publishing department, equipped with modern equipment, publishes the newspaper "Amur Medicine", covering the activities of healthcare in the Amur Region and the Amur State Medical Academy. Since 2013, the Amur State Medical Academy has been publishing the quarterly scientific and practical publication "Amur Medical Journal" (Registration Certificate PI No. TU 28-00246 dated 12.04.2013), in which the faculty and students have the opportunity to publish their scientific achievements.

The Amur SMA uses the following updated software:

#### **List of software (commercial software products)**

No. p/p	List of software (commercial software products)	Details of supporting documents
1.	MS Operating System Windows 7 Pro	License number 48381779
2.	MS Operating System Windows 10 Pro	CONTRACT No.UT-368 from 09.21.2021
3 .	MS Office	License number: 43234783, 67810502, 67580703, 64399692, 62795141, 61350919
4.	Kaspersky Endpoint Security for Business – Standard Russian Edition. 50-99 Node 2 year Educational Renewal License	Agreement 165A dated November 25, 2022
5.	1C Accounting and 1C Salary	LICENSE AGREEMENT 612/L dated 02.02.2022
6.	1C: PROF University	LICENSE AGREEMENT No. ЦБ-1151 dated 01.14.2022
7.	1C: PROF Library	LICENSE AGREEMENT No. 2281 dated 11.11.2020
8.	Consultant Plus	Agreement No. 37/C dated 02/25/2022
9.	Contour.Tolk	Agreement No. K007556/22 dated 09/19/2022
10.	E-learning environment 3KL (Russian Moodle)	Agreement No. 1362.3 dated November 21, 2022
11.	Astra Linux Common Edition	Agreement No. 142 A dated September 21, 2021
12.	Information system "Plans"	Agreement No. 9463 dated May 25, 2022
13.	1C: Document Management	Agreement No. 2191 dated 10/15/2020
14.	R7-Office	Agreement No. 2 KS dated 12/18/2020

#### **List of freely distributed software**

No . p/p	List of freely distributed software	Links to license agreement
1.	Yandex Browser	Freely distributed License Agreement for the Use of Yandex Browser Programs <a href="https://yandex.ru/legal/browser_agreement/">https://yandex.ru/legal/browser_agreement/</a>

2.	Yandex.Telemost	Freely distributed License Agreement for the Use of Programs <a href="https://yandex.ru/legal/telemost_mobile_agreement/">https://yandex.ru/legal/telemost_mobile_agreement/</a>
3.	Dr.Web CureIt!	Freely distributed License Agreement: <a href="https://st.drweb.com/static/new-www/files/license_CureIt_ru.pdf">https://st.drweb.com/static/new-www/files/license_CureIt_ru.pdf</a>
4.	OpenOffice	Freely distributed License: <a href="http://www.gnu.org/copyleft/lesser.html">http://www.gnu.org/copyleft/lesser.html</a>
5.	LibreOffice	Freely distributed License: <a href="https://ru.libreoffice.org/about-us/license/">https://ru.libreoffice.org/about-us/license/</a>
6.	VK Calls	Freely distributed <a href="https://vk.com/license">https://vk.com/license</a>

Detailed information on the material and technical support and equipment of the educational process is presented on the official website of the Amur State Medical Academy in the information and telecommunications network "Internet" in the subsection "Material and technical support and equipment of the educational process" section "Information about the educational organization" tab (<http://www.amur.sma.ru/sveden/objects/>).

Professional databases, information reference systems, and electronic educational resources are presented in the work programs of disciplines and practices.

## 7. EDUCATIONAL TECHNOLOGIES USED IN EDUCATIONAL PROCESS

The set of educational technologies used in mastering the disciplines in the specialty 31.05.01 General Medicine are aimed at forming the graduate's UC, GPC and PC in accordance with the requirements of the Federal State Educational Standard of Higher Education in the specialty 31.05.01 General Medicine. In all departments of the Faculty of Medicine widely introduces modern methods and forms of organizing the educational process into the educational process, which contribute to the activation of students' cognitive activity. Along with traditional forms of organizing the educational process, modern teaching methods are used, developed and planned for implementation.

This work is carried out in the following directions:

- Use of a system for assessing students' learning outcomes in all departments, allowing for differentiated assessment of students' knowledge and skills, their activity in classes and when completing independent extracurricular work.
- Implementation of interactive teaching methods in the educational process. The proportion of classes conducted in interactive forms is no less than 10% of classroom hours from the volume of the discipline.
- Various forms of training are used:
  - business and role-playing games;
  - debate;
  - educational films (on video cassettes and laser discs);
  - computer simulations;
  - live broadcast from the operating room during a practical lesson (Department of Ophthalmology);
  - game "What? Where? When?" (specialty departments),
  - situational tasks of 3-4 levels;
  - round table method;
  - simulation training;

- learning based on experience, practice;
- broadcasting lectures by leading experts in off - line mode ;
- broadcasts from operating rooms;
- meetings with representatives of Russian and foreign companies, government and public organizations, master classes by experts.
- Constant updating of the official website of the Amur State Medical Academy , which facilitates the organization of information , research, and educational work at the faculty .
- Use in the educational process of the results of cooperation with firms, enterprises, scientific organizations, and foreign partners.
- Conducting students' own research within the framework of scientific research work (hereinafter R&D) . The main forms of students ' R&D are:
  - implementation of collection, processing, analysis and systematization of scientific information on a topic (task);
  - study of specialized literature and other scientific and technical information, achievements of domestic and foreign science and technology in the relevant field of knowledge, preparation of a scientific abstract (literature review);
  - participation in student work competitions;
  - participation in student intra-university, inter-university and international scientific and practical conferences;
  - participation in Science Days;
  - scientific publications (articles, theses).

In case of a threat of occurrence and/or occurrence of individual emergency situations, introduction of a high alert regime or emergency situation throughout the territory of the Russian Federation or in part thereof, the electronic educational environment of Amur State Medical Academy is ready to implement distance educational technologies using electronic learning, distance educational technologies and platforms.

## **8. ORGANIZATION OF SCIENTIFIC RESEARCH ACTIVITIES OF STUDENTS**

Students' research work is an integral part of the training of qualified specialists with higher education through the acquisition in the learning process of the basics of professional and creative activity, methods, techniques and skills for performing scientific research work, the development of abilities for scientific creativity, independence, increasing the motivational component and initiative in studies and future professional activity.

The aim of the research is to maximise the scientific potential of students, further develop the integration of science and education to improve the level of scientific training of future specialists, develop professional competencies in students related to the assessment and testing of hypotheses explaining the cause, conditions and mechanism of the occurrence of diseases and their spread, as well as scientifically based application of modern methods of collecting and processing information about the patient's health status.

The main objectives of the research are:

- development of students' interest in scientific research with the formation and development of scientific research competencies;
- developing students' creative attitude towards their chosen specialty through scientific research activities;
- creation of conditions for planning and implementation of various forms of research to develop research skills in students;
- identification, training and support of talented students with a clear motivation for scientific research activities;
- promoting the comprehensive development of the student's personality, developing skills for working in research teams and scientific and organizational activities;

- development of students' abilities for independent, reasoned judgments and conclusions;
  - providing students with the opportunity to test their strengths in solving current problems in various areas of medical science;
  - enrichment of the educational process with information on the latest achievements of science and technology in the field of medicine, the results of scientific and scientific-technical activities of the employees of the Amur State Medical Academy, including the use of the results of scientific research obtained by students in teaching;
  - joint participation of students, teachers and research staff in conducting research;
  - involving students in participation in applied, methodological, exploratory, fundamental, project and other types of scientific research, as an essential component of professional training;
  - identification, generalization, dissemination and use of existing positive domestic and foreign experience in scientific research, new organizational and methodological forms of research;
  - developing the ability of future specialists to use scientific knowledge, continuous self-education and self-improvement within the framework of subsequent continuous medical education.
- The main principle of organizing research is an integrated approach, which involves:
- sequence (from simple to complex) in mastering the principles, methods and technologies for carrying out scientific research in accordance with the educational process;
  - continuity at all stages (courses) of training with a logical complication of methods and forms of scientific approach in the specialty, in which students are involved;
  - integration of educational, training, scientific and practical processes;
  - obtaining specific results through independent research work, publications, proven technologies, etc.;
  - the use of various forms of incentives for individuals participating in the organization and management of scientific activities of students.

#### Types of RW:

- RW work included in the educational process, implemented during the training process, is carried out in accordance with the working programs of the disciplines, is provided with methodological manuals and provides for educational and research work within the framework of the educational program of higher education in the specialty 31.05.01 General Medicine;
- Research work performed outside of class time involves independent work outside the immediate educational process and promotes the most complete mastery of the methods and specifics of research work. At the initial stage of training, during the period of mastering theoretical disciplines, research work is mainly represented by reviewing scientific articles that are presented in the scientific library of the Amur State Medical Academy, as well as in the electronic library on the Internet. By the end of training - compiling a literature review based on reviewing skills.

An important element of the research work is the ability to apply an adequate method of statistical processing of data obtained during the study, presentation of tabular and graphical material based on the principles of evidence-based medicine. The formation of competencies in statistical processing of the obtained results is carried out within the framework of mastering the disciplines "Public Health and Healthcare, Healthcare Economics" and "Medical Informatics" and are consolidated in the process of passing educational/industrial practices. Skills in planning and organizing research, correct interpretation of the obtained results, formulating conclusions using scientific terminology and developing practical recommendations are formed during mastering the disciplines of the BPEP.

A real opportunity for the implementation of students' research is industrial practice, during which research is carried out under the supervision of practice managers, and materials from medical and preventive institutions are analyzed. The results of research are discussed and reported at department meetings, clubs, conferences of various levels (faculty, regional, all-Russian, with international participation).

The creation of optimal conditions for planning and implementing various forms of research will ensure the consolidation of the efforts of students, young scientists and teachers of the Amur

State Medical Academy in developing current scientific problems and solving priority scientific tasks of medicine.

## **9. PROVIDING OF FAVORABLE CONDITIONS FOR THE DEVELOPMENT OF SOCIAL AND PERSONAL COMPETENCIES OF STUDENTS IN THE SPECIALTY 31.05.01 GENERAL MEDICINE**

### **9.1. Characteristics of educative work**

Educative work at the faculty is considered an integral part of the training of a General Practitioner. It is aimed at the harmonious development of the individual, the creation of an educational and educative environment that promotes the comprehensive disclosure and manifestation of the best qualities of the student.

A qualitatively new approach to education is not an influence on the student from the outside, but the creation of the most favorable conditions and prerequisites for development and self-realization at the faculty. At the same time, as many students of the faculty as possible are involved in the organization and implementation of educative events.

Educative work is carried out in accordance with the educational program and the educative calendar plan. The educational program and the educative calendar plan are presented in full **on** the Internet information and telecommunications network in the Documents subsection of the Information about the educational organization section, the Documents on educational activities and work with students column

( [https://www.amursma.ru/upload/iblock/dd8/Rabochaya\\_programma\\_vospitaniya.pdf](https://www.amursma.ru/upload/iblock/dd8/Rabochaya_programma_vospitaniya.pdf) ) and in the educational and methodological department of the Amur State Medical Academy in electronic and printed versions.

### **9.2. Characteristics of provision of social and living conditions for students**

Social policy of the faculty assumes paying special attention to the social protection of students (observance of the rights of students, their social security, maintaining health, the possibility of employment after graduating from the Amur State Medical Academy , the possibility of combining study with work, the possibility of further education, etc.).

For the social protection and support of students, a social and living commission has been created at the Faculty of Medicine.

Students on a contract basis have the opportunity to switch from paid to free education subject to compliance with the requirements regulated in the “Regulations on the procedure for transfer, transition from paid to free education, expulsion and reinstatement of students in specialist programs.”

Students are regularly introduced to the criteria for transfer to the budget form of education during general course meetings held by the dean's office (regulatory documents governing the transfer are stored in the academic department ). The criteria for transfer are posted on the official website of the Amur State Medical Academy in the information and telecommunications network "Internet" in the column "Procedure and grounds for transfer, expulsion and reinstatement of students " of the subsection "Documents" of the section "Information about the educational organization" and are publicly available.

[https://www.amursma.ru/upload/iblock/c9d/Polozhenie\\_o\\_poryadke\\_perevoda\\_perexoda\\_s\\_platnogo\\_obucheniya\\_na\\_besplatnoe\\_otchisleniya\\_i\\_vosstanovleniya\\_obuchayushhixsya\\_po\\_programme\\_sPECIALITETA.pdf](https://www.amursma.ru/upload/iblock/c9d/Polozhenie_o_poryadke_perevoda_perexoda_s_platnogo_obucheniya_na_besplatnoe_otchisleniya_i_vosstanovleniya_obuchayushhixsya_po_programme_sPECIALITETA.pdf)

Every year 3-4 students transfer to the budget form of education.

Students of the faculty can receive a state academic scholarship, a state social scholarship. The dean's office regularly recommends students who excel in their studies and participate in social life for receiving personal scholarships (named after N.N. Muravyov-Amursky, the scholarship of

the President of the Russian Federation and the scholarship of the Government of the Russian Federation).

Students are provided with 8 dormitories. Students with families are provided with separate rooms. The availability of places in the dormitories of the Amur State Medical Academy is 100%. For comfortable living conditions for students, the dormitories have showers, utility rooms, equipped self-study rooms, dance and sports rooms, and a hockey rink. In all dormitories, student self-study rooms are equipped with **Wi-Fi internet** throughout the academic year.

Each dormitory has a Dormitory Council, which monitors students' compliance with the rules of living in the dormitory and helps resolve organizational and everyday issues.

Every year, with the participation of deans' offices, dormitory councils, and the student self-government center, competitions are held between dormitories for the best room, best section, and best dormitory. To monitor the social and living conditions of students living in the dormitory, the dean's office staff visits student dormitories, participates in the work of student councils, and makes rounds of the rooms.

The dean's office staff holds individual meetings with student groups to compile a social portrait of the group. Based on the results of these meetings, the needs of students for participation in various student organizations and events are identified, a plan of social and educational events for the next year is drawn up and adjusted taking into account the needs of students. Socially vulnerable students are provided with social support.

The Amur State Medical Academy is constantly in operation Commission and Center for Assistance to Employment of Student Youth and Employment of Graduates. Students receive information on the regulatory framework for the necessary documents for subsequent employment. At the final stage, a final meeting of the commission for assistance in employment is held with the invitation of heads of city and regional health care, chief physicians of medical organizations of the Amur Region and other regions of the Far East.

The faculty regularly studies satisfaction with social and living conditions, student life and extracurricular activities.

## **10. RATING SYSTEM FOR COMPREHENSIVE ASSESSMENT OF THE QUALITY OF STUDENTS' MASTERING THE BPEP HE IN THE SPECIALTY 31.05.01 GENERAL MEDICINE**

In accordance with the Federal State Educational Standard of Higher Education in the specialty 31.05.01 General Medicine and the order of the Ministry of Education and Science of the Russian Federation dated April 6, 2021 No. 245 "On approval of the Procedure for organizing and implementing educational activities under educational programs of higher education - bachelor's programs, specialist programs, master's programs", the assessment of the quality of students' mastering of the basic educational program of higher education includes ongoing monitoring of academic performance, midterm assessment of students and the State Final Attestation of graduates.

### **10.1 CURRENT AND INTERIM CONTROL OF ACADEMIC ACHIEVEMENT**

Current monitoring of academic performance is carried out to assess the progress of mastering disciplines (modules) and completing practical training. Types of current monitoring of academic performance: input, initial, output, milestone, monitoring of the survival of residual knowledge. Current monitoring is carried out for all disciplines (modules) of the educational program and is carried out by teachers of the departments during the training period in accordance with the working program of the discipline or practical training and the schedule of classes. Specific forms and procedures for current monitoring of academic performance and midterm assessment, criteria for assessing students in each discipline, practical training (educational and industrial) are developed by the departments independently and are communicated to students within the first month from the start of training.

Its goal is to stimulate the desire of students to systematically work independently on studying the academic discipline, mastering the Criminal Code, Fundamentals of Industrial Culture, and Personal Computer Science.

Midterm assessment of students is an assessment of the midterm and final learning outcomes in disciplines (modules), and practical training. The midterm assessment is conducted upon completion of the main professional educational program. The midterm assessment is regulated by a separate regulatory act - the Regulation on the state final assessment of students of the state budgetary educational institution of higher professional education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation for higher education programs - specialist programs.

Interim assessment is determined by the curriculum and internal local act of the Amur State Medical Academy.

Preparation of students at different stages of education.

Interim assessment (test, exam) is intended to assess the degree achievement of planned learning outcomes upon completion of a particular discipline/practice and allows assessing the level and quality of its acquisition by students. The subject of acquisition assessment is knowledge, skills, and abilities.

Intermediate certification is carried out through a system of passing tests and exams in disciplines, and certification in practical training.

Examination tickets and assignments for them, written control assignments, tests, topics of essays are developed by departments and reviewed at a meeting of the cycle methodological commission. The assessment criteria for midterm assessment are determined by departments, recorded in work programs and communicated to students no later than 6 months before the assessment.

For disciplines requiring more than 4 credit units, the grades are "excellent", "good", "satisfactory", "unsatisfactory".

For disciplines requiring 3 or less credit units, the grades "pass" and "fail" are given.

The assessment of practical training is assessed as "excellent", "good", "satisfactory", "unsatisfactory".

### **10.2. ASSESSMENT TOOLS FUNDS FOR CONDUCTING CURRENT AND INTERIM CONTROL OF STUDENTS' ACADEMIC ACHIEVEMENT**

In accordance with the requirements of the Federal State Educational Standard of Higher Education, in order to certify students for compliance of their personal achievements with the step-by-step requirements of the corresponding Basic Educational Standard of Higher Education, the Amur State Medical Academy creates a FES for conducting current/interim control of academic achievement and interim certification.

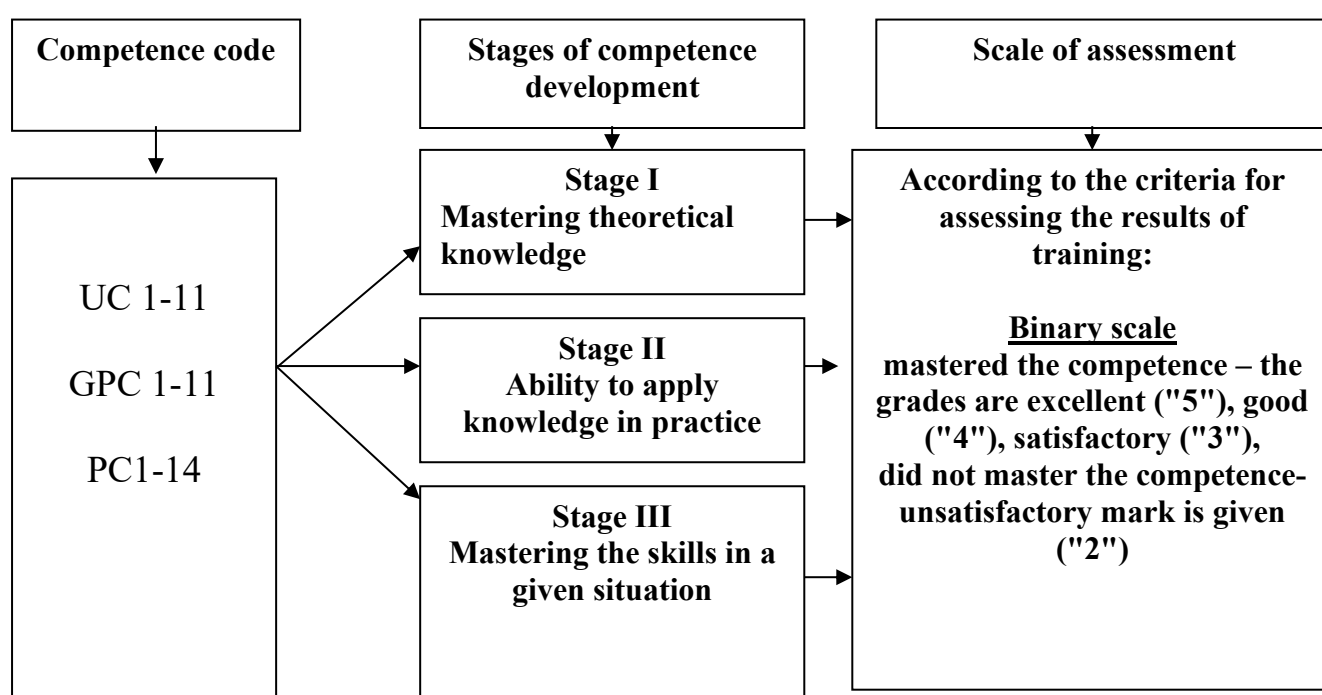
These funds include: test questions and typical assignments for practical classes, laboratory and test work, situational problems, questions for tests and exams; tests; sample topics for reports, essays, etc., as well as other forms of control that allow us to assess the degree of development of students' competencies.

The development of the FOS is regulated by the “ Regulation on the fund of assessment tools for conducting current/midterm monitoring of academic performance of midterm and final assessments of students of the state budgetary educational institution of higher professional education “Amur State Medical Academy” of the Ministry of Health of the Russian Federation”.

Samples of control materials for current monitoring of academic performance and midterm assessment are provided in the work program of the relevant discipline , practice (educational and industrial).

The FES in full in printed and electronic versions are presented in the departments - developers as part of the EMCD, in electronic form in full in the educational and methodological office ,partially - in electronic form in the library and on the official website of the Amur State Medical Academy in the information and telecommunications network "Internet".

### 10.3. Stages of competence formation and assessment scale



### 10.4. Analysis of the results of students' educational activities

Quality control of training is carried out continuously throughout the entire period of students' training . Conclusions about the quality of training are made based on the results of the analysis of students' educational activities, an analysis of consumer feedback and an analysis of the success of professional activities of graduates of the Amur State Medical Academy are conducted .

The results of educational activities are analyzed at departmental meetings, the Dean's Council, and the academic advice the Amur State Medical Academy.

The procedure for monitoring the academic performance of students of the Amur State Medical Academy includes the following activities:

- Monthly collection of information on current academic performance.
- Collection of information on students' academic performance following the session (carried out twice a year).
- Analysis of students' academic performance and identification of reasons for low academic performance.

- Development of recommendations for the implementation of measures in the educational process aimed at improving the quantitative and qualitative academic performance of students (organization additional classes for poorly performing students, stimulation of independent work by students, provision of students with materials to support learners, allowing them to update existing knowledge and fill in missing knowledge necessary for studying a given discipline .

### **10.5. State final certification of graduates**

The State Final Attestation (SFA) is conducted in accordance with the Federal Law of the Russian Federation of December 29, 2012 No. 273-FZ "On Education in the Russian Federation", the order of the Ministry of Education and Science of Russia dated June 29, 2015 No. 636 (as amended on August 17, 2020) "On approval of the Procedure for conducting state final certification for educational programs of higher education - bachelor's degree programs, specialist programs and master's degree programs".

The purpose, form, procedure for conducting the State Final Attestation, criteria for assessing the results of passing the state exam (hereinafter referred to as the State Exam, certification test) are determined by the “ Regulations on the State Final Attestation of Students” State Budgetary Educational Institution of Higher Professional Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation, for higher education programs - specialist programs", the Procedure for conducting the state final examination.

A student who has no academic debt and has fully completed the curriculum is admitted to the State Final Attestation (SFA) and consists of determining the compliance of the graduate's level of professional training with the requirements of the Federal State Educational Standard of Higher Education and the Basic Educational Standard of Higher Education (BPEP) in the specialty 31.05.01 General Medicine with the subsequent issuance of a state diploma of higher education and qualification to persons who have successfully passed the SFA.

#### **10.5.1. Program of state final certification of students in the specialty 31.05.01 General Medicine**

State requirements for the mandatory minimum content and training of a graduate are determined by the program of state final certification of graduates of the Amur State Medical Academy in the specialty 31.05.01 General Medicine (hereinafter the Program), developed on the basis of the Federal State Educational Standard of Higher Education, the qualification characteristics of a graduate in the specialty 31.05.01 General Medicine.

The full version of the State Final Attestation program in printed and electronic versions is stored at the graduating department, the dean's office of the medical faculty, the methodological office, in full and in an annotated version on the official website of the Amur State Medical Academy in the information and telecommunications network "Internet" in the column "Medical Faculty" of the subsection "Documents" of the section "Basic information about the educational organization" (<https://www.amursma.ru/sveden/document/lechebnyy-fakultet/>)

The program is communicated to students no later than 6 months before its start. Students have the opportunity to receive the information about the structure and samples of test assignments, examination questions, situational tasks, and a list of practical skills.

#### **10.5.2. Final state examination procedure**

The state certification test is conducted orally. The interview is conducted using tickets based on the solution of a test task and situational tasks that allow assessing the level of formation of general cultural, general professional and professional competencies, including questions on the disciplines and practices of the main educational program of higher education in the specialty 31.05.01 General Medicine, the mastery of which is of decisive importance for the professional

activity of a graduate of the Amur State Medical Academy in the specialty 31.05.01 General Medicine.

#### **Testing evaluation criteria**

The results of solving the task in test form, allowing to assess the development of general cultural and general professional competencies, are assessed according to the “pass-fail” system:

- the grade “passed” is given to a student who gives 70% or more correct answers;
- the grade "fail" is given to a student who gave 69% or less correct answers to the total number of test tasks. If a student received a "fail" grade for test tasks, then the overall result of the State Examination is considered unsatisfactory and is equivalent to the grade "unsatisfactory".

#### **Case Interview Assessment Criteria**

The results of the interview on situational tasks are determined by the grades “excellent”, “good”, “satisfactory” and “unsatisfactory”:

- " excellent" - the student demonstrates a deep and complete mastery of the content of the program material, correctly and logically presents the answer, is familiar with medical terminology, the classification of diseases according to MCD-10, is familiar with modern standards of diagnosis, treatment and prevention of diseases based on evidence-based medicine, is able to connect theory with practice, express and substantiate their judgments , answers all questions on the examination ticket and additional questions from the chairman and members of the State Examination Commission, and formulates independent conclusions and generalizations when answering;
- " good" - the student has fully mastered the educational material, is familiar with medical terminology, the MCD-10 classification of diseases, is familiar with modern standards of diagnosis, treatment and prevention of diseases based on evidence-based medicine, navigates the studied material consciously, applies knowledge to solve practical problems, correctly presents the answer, but the content and form of the answer have some inaccuracies or the answer to one of the questions on the examination ticket is not complete enough, and there is no answer to one additional question from the chairman of the members of the State Examination Commission;
- "satisfactory"- the student demonstrates knowledge and understanding of the basic provisions of the educational material, but presents it incompletely, inconsistently, makes inaccuracies in defining concepts, classifications of diseases according to MCD-10, standards for diagnosis, treatment and prevention of diseases, application of knowledge to solve practical problems, is unable to substantiate his/her judgments with evidence or does not have an answer to the questions of one of the situational problems included in the examination ticket, and also does not have answers to two additional questions from the chairman and members of the State Examination Commission;
- "unsatisfactory" - the student has fragmented, unsystematic knowledge, is unable to distinguish between the main and the secondary, makes mistakes in defining concepts, classifying diseases according to MCD-10, distorts their meaning, presents the material in a disorderly and uncertain manner, cannot apply knowledge to solve practical problems or has no answers to two situational problems, and also has no more than two answers to additional questions from the chairman and members of the State Examination Commission.

If a student receives an “unsatisfactory” grade for situational tasks, then the overall result for the state exam is considered unsatisfactory and is equivalent to an “unsatisfactory” grade.

#### **Criteria for assessing the final grade of the state certification test**

The results of the final assessment of the State Examination are determined by the grades “excellent”, “good”, “satisfactory”, “unsatisfactory”.

The final grade of “excellent” based on the results of the State Examination is given to a student who has demonstrated the mastery of the competencies provided for by the main professional educational program of higher education in the relevant specialty in accordance with the educational standard, received the grade of “passed” when answering the questions of the test assignment and the grade of “excellent” during the interview on situational tasks.

The final grade of “good” based on the results of the State Examination is given to a student who has demonstrated the mastery of the planned competencies provided for by the main professional educational program of higher education in the relevant specialty in accordance with the educational

standard, received the grade of “passed” when answering the questions of the test assignment and the grade of “good” during the interview on situational tasks.

The final grade of “satisfactory” based on the results of the State Examination is given to a student who has demonstrated the mastery of the planned competencies provided for by the main professional educational program of higher education in the relevant specialty in accordance with the educational standard, received the grade of “passed” when answering the questions of the test assignment and the grade of “satisfactory” during the interview on situational tasks.

The final grade of “unsatisfactory” based on the results of the State Examination is given to a student who has not demonstrated the mastery of the planned competencies provided for by the main professional educational program of higher education in the relevant specialty in accordance with the educational standard, received the grade of “fail” when answering the questions of the test assignment and/or the grade of “unsatisfactory” during the interview on situational tasks .

The final grade of “excellent”, “good”, “satisfactory”, “unsatisfactory” is given to the graduate after the members of the State Examination Commission discuss his answers.

#### **Criteria for successful completion and failure of the state certification test**

The criteria for successfully passing the State Examination are the final grades “excellent”, “good”, “satisfactory”.

The criterion for failing the State Examination is the final grade of “unsatisfactory”.

Subject to successful completion of the State Examination, formalized by the State Examination Commission protocol, the Academy graduate is awarded the corresponding qualification (degree) and is issued a specialist diploma, which is signed by the current chairman of the State Examination Commission for the corresponding specialty and the Rector of the Academy.

## **11. THE SYSTEM OF EDUCATIONAL QUALITY ASSESSMENT IN THE IMPLEMENTATION OF THE BPEP HE IN THE SPECIALTY 31.05.01 GENERAL MEDICINE**

The system of assessing the quality of education includes: internal and external independent assessment of the quality of education.

Internal independent assessment of the quality of education is carried out in accordance with the Regulation on the organization and conduct of internal independent assessment of the quality of education in educational programs of higher education - specialist programs in the Federal State Budgetary Educational Institution of Higher Education Amur State Medical Academy of the Ministry of Health of Russia, developed in accordance with the letter of the Ministry of Education and Science of Russia dated 15.02.2018 No. 05-436 "On methodological recommendations for the organization and conduct of internal independent assessment of the quality of education in educational organizations of higher education in educational programs of higher education - bachelor's programs, specialist programs and master's programs".  
[https://www.amursma.ru/upload/iblock/db5/Polozhenie\\_ob\\_organizacii\\_i\\_provedenii\\_vnutr.\\_nezavisimoi\\_ocenki\\_kachestva\\_obrazovaniya\\_po\\_obrazovatelnyim\\_programmam\\_vysshego\\_obrazovaniya\\_%E2%80%9393\\_programmam\\_specialiteta\\_v\\_FGBOU\\_VO\\_AGMA\\_Minzdrava\\_R\\_F.pdf](https://www.amursma.ru/upload/iblock/db5/Polozhenie_ob_organizacii_i_provedenii_vnutr._nezavisimoi_ocenki_kachestva_obrazovaniya_po_obrazovatelnyim_programmam_vysshego_obrazovaniya_%E2%80%9393_programmam_specialiteta_v_FGBOU_VO_AGMA_Minzdrava_R_F.pdf)

Internal independent assessment of the quality of training of students is carried out within the framework of: current monitoring, midterm assessment of students in disciplines, practical training and state final assessment; analysis of the portfolio of educational and extracurricular achievements of students; holding Olympiads in disciplines, monitoring the employment of graduates. Midterm assessment is carried out through the system of passing tests and examinations in disciplines and practical training. As part of the internal independent assessment of the quality of education, to ensure an assessment of the level of mastery of the discipline by students during the midterm assessment of the disciplines of Block B1, which relate to professional disciplines and

provide for practical training, teachers from the Academy departments implementing similar disciplines are included in the examination committees.

The external system of independent assessment of the quality of education also includes the primary accreditation of a specialist by graduates, which is a mandatory condition for admission to independent professional activity of graduates who have completed the development of the OPEP of HE under the specialist program in the specialty General Medicine in accordance with the Federal State Educational Standard of HE. Since 2019, the accounting of students' intermediate academic achievement and the formation of reports in the Amur State Medical Academy have been carried out using the 1 C: University PROF system.

Monitoring of satisfaction with the quality of the educational process in the Federal State Budgetary Educational Institution of Higher Education the Amur State Medical Academy of the Ministry of Health of the Russian Federation is carried out annually in the following areas:

- satisfaction of first-year students with the process of adaptation to the conditions of study at the Academy;
- students' satisfaction with the quality and conditions of implementation of educational programs in the departments of Amur State Medical Academy;
- satisfaction of graduates with the quality of educational services provided by the Amur State Medical Academy;
- employers' satisfaction with the quality of the competencies developed by graduates of the Amur State Medical Academy.”

The results are reported at a meeting of the scientific community, the Central Committee of the International Council of the Scientific Council.

## **12. FINANCIAL CONDITIONS FOR THE IMPLEMENTATION OF THE EDUCATIONAL PROGRAM IN THE SPECIALTY 31.05.01 GENERAL MEDICINE**

The Academic Council of the Amur State Medical Academy approves the amount of funds for the implementation of the BPEP HE in the specialty 31.05.01 General Medicine. Financing for the implementation of specialist training is carried out in an amount not lower than the basic standard costs for the provision of public services in the field of education for this level of education established by the Ministry of Education and Science of the Russian Federation.

## **13. REGULATIONS FOR THE DEVELOPMENT, APPROVAL, STORAGE, AND ORGANIZATION OF PERIODIC UPDATING OF THE BPEP HE IN THE SPECIALTY 31.05.01 GENERAL MEDICINE IN GENERAL AND ITS CONSTITUENT DOCUMENTS**

### **13.1. Development, approval and storage of the BPEP HE in the specialty 31.05.01 General Medicine**

The BPEP HE undergoes external examination with the obligatory involvement of employers and professional communities. After passing the review procedure, the BPEP HE is approved at a meeting of the Academic Council of the Amur State Medical Academy and certified by the signature of the rector and the seal of the Amur State Medical Academy.

The approved BPEP HE is stored in printed and electronic versions in the dean's office of the medical faculty, and is posted in full on the official website of the Amur State Medical Academy in the information and telecommunications network "Internet" in the section "Information about the educational organization" in the subsection "Education" in the table "Information about the description of the educational program".

<https://www.amursma.ru/sveden/education/obrazovatelnye-programmy/>

The dean of the faculty of medicine is responsible for the development, formation and storage of the set of documents included in the basic educational program of higher professional education in the specialty 31.05.01 General Medicine.

### **1 3 . 2. Renewing of BPEP HE in the specialty 31.05.01 General Medicine**

The developers of the BPEP HE update it annually, taking into account the development of science, technology, culture, economics, technology and the social sphere. When processing the BPEP HE, it is necessary to take into account employers' opinions, consumer expectations and recommendations .

A complete update and approval of the educational program for the specialty 31.05.01 General Medicine is being carried out in connection with changes to the Federal State Educational Standard of Higher Education and the introduction of a large number of additions and changes.

### **1 3 . 3. Renewing of documents constituting the BPEP HE in the specialty 31.05.01 General Medicine**

- The Academic Council of the Amur State Medical Academy approves the curriculum and academic calendar for the next academic year annually at the end of each academic year .
- In the educational programs of all disciplines, academic and industrial practices, additions and changes are made annually at the end of the academic year each year, taking into account the development of science, technology, culture, economics, technology , the social sphere and approved at department meetings. Complete updating of educational programs occurs every five years or as needed, but not less than once every 5 years, and also if necessary in connection with changes in the regulatory framework by the Ministry of Science and Higher Education of the Russian Federation, the Ministry of Health of the Russian Federation, the Federal State Educational Standard of Higher Education, and the introduction of a large number of additions and changes.
- The content of the teaching and methodological complex is reviewed and approved by the department annually. The teaching and methodological complex is completely updated every five years or as needed, but not less than once every 5 years, and also if necessary in connection with changes in the regulatory framework by the Ministry of Science and Higher Education of the Russian Federation, the Ministry of Health of the Russian Federation, the Federal State Educational Standard of Higher Education, and the introduction of a large number of additions and changes.
- Changes in educational, methodological, informational and resource support are made as needed to meet these changes.

## **14. MAIN LOCAL NORMATIVE DOCUMENTS FOR REGULATING THE ORGANIZATION OF THE EDUCATIONAL PROCESS IN THE AMUR SMA**

1. Regulations on the current monitoring of academic achievement and interim assessment of students of the Federal State Budgetary Educational Institution of Higher Education “Amur State Medical Academy” of the Ministry of Health of the Russian Federation.
2. Temporary procedure for organizing and accepting interim certification for higher education programs - specialist programs at the Federal State Budgetary Educational Institution of Higher Education “Amur State Medical Academy” of the Ministry of Health of the Russian Federation using e-learning and distance technologies in the context of preventing the spread of a new coronavirus infection in the Russian Federation.
3. Regulations on the appeal commission for the midterm assessment of students of the Federal State Budgetary Educational Institution of Higher Education “Amur State Medical Academy” of the Ministry of Health of the Russian Federation.

4. Regulations on the system of assessing the learning outcomes of students of the Federal State Budgetary Educational Institution “Amur State Medical Academy” of the Ministry of Health of the Russian Federation for higher education programs - specialist degree programs.
5. Regulations on the procedure for transfer, transition from paid to free education, expulsion and reinstatement of students in specialist programs at the Federal State Budgetary Educational Institution of Higher Education “Amur State Medical Academy” of the Ministry of Health of the Russian Federation.
6. The procedure and grounds for granting academic leave to students.
7. Internal regulations for students of the Federal State Budgetary Educational Institution of Higher Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
8. Regulations on the practice of students of the Federal State Budgetary Educational Institution of Higher Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
9. Regulations on the Council of Deans of the Federal State Budgetary Educational Institution “Amur State Medical Academy” of the Ministry of Health of the Russian Federation.
10. Regulations on the certification committee of the State Budgetary Educational Institution Of Higher Professional Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
11. Regulations on the expert commission of the Federal State Budgetary Educational Institution Amur State Medical Academy of the Ministry of Health of the Russian Federation.
12. Regulations on the educational and methodological complex of the discipline in the federal state budgetary educational institution of higher education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
13. Regulations on self-sustained work of students of the Federal State Budgetary Educational Institution of Higher Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
14. Regulation on the assessment fund for conducting current and interim control of academic achievement, and final assessment of students of the Federal State Budgetary Educational Institution of Higher Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
15. Regulations on elective disciplines and the procedure for organizing their development in higher education programs - specialist programs at the Federal State Budgetary Educational Institution “Amur State Medical Academy” of the Ministry of Health of the Russian Federation.
16. The position of optional disciplines and the procedure for organizing their development in higher education programs - specialist programs at the Federal State Budgetary Educational Institution of Higher Education “Amur State Medical Academy” of the Ministry of Health of the Russian Federation.
17. Regulations on training according to an individual curriculum, including accelerated training according to an individual curriculum for higher education programs - specialist programs at the Federal State Budgetary Educational Institution of Higher Education “Amur State Medical Academy” of the Ministry of Health of the Russian Federation.
18. Regulations on the research work of students of the Federal State Budgetary Educational Institution of Higher Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
19. Regulations on the electronic information and educational environment of the Federal State Budgetary Educational Institution of Higher Education “Amur State Medical Academy” of the Ministry of Health of the Russian Federation.
20. Regulations on the use of electronic learning, distance learning technologies in the implementation of educational programs at the Federal State Budgetary Educational Institution of Higher Education “Amur State Medical Academy” of the Ministry of Health of the Russian Federation.

21. Regulations on the procedure for developing, approving and updating the main professional educational programs of higher education - specialist programs in the Federal State Budgetary Educational Institution of Higher Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
22. Regulations on training according to an individual curriculum, including accelerated training according to an individual curriculum for higher education programs - specialist programs at the Federal State Budgetary Educational Institution of Higher Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
23. Regulations on the crediting of the results of students' mastery of disciplines (modules), practical training in higher education programs - specialist degree programs.
24. Regulations on the organization and implementation of internal independent assessment of the quality of education in higher education programs - specialist programs in the Federal State Budgetary Educational Institution of Higher Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
25. Regulations on the organization and implementation of educational activities under higher education programs - specialist programs at the Federal State Budgetary Educational Institution of Higher Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
26. Regulations on contact work between students and teachers in higher education programs – specialist programs.
27. Regulations on the procedure for implementing disciplines in physical education and sports under specialist programs at the Federal State Budgetary Educational Institution of Higher Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
28. Regulations on the electronic portfolio of a student of the Federal State Budgetary Educational Institution of Higher Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
29. Regulations on the educational program of the discipline for higher education programs - specialist programs in accordance with the Federal State Educational Standard of Higher Education 2020.
30. Regulations on the educational program of practical training in higher education programs - specialist programs in accordance with FSES HE.
31. Regulations on student self-government of the Federal State Budgetary Educational Institution of Higher Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
32. Regulations on the faculty of the Federal State Budgetary Educational Institution of Higher Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
33. Regulations on the State Final Certification of students of the Federal State Budgetary Educational Institution of Higher Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation for higher education programs - specialist programs.
34. Position on the procedure for providing SFA to students of the Federal State Budgetary Educational Institution of Higher Education "Amur State Medical Academy" of the Ministry of Health of the Russian Federation.
35. Regulations on the scholarship committee of the medical and pediatric faculties.

**15. LIST OF DEVELOPERS AND EXPERTS OF THE BPEP HE IN THE SPECIALTY  
31.05.01 GENERAL MEDICINE**

**Developers:**

№p/p	Full name	Academic degree, academic title	Title
1	Zhukovets I.V.	Holder of an Advanced Doctorate (Doctor of Science) in Medical Sciences	Dean of the Faculty of Medicine

3	Voitsekhovsky V.V.	Holder of an Advanced Doctorate (Doctor of Science) in Medical Sciences, Professor	Head of the Department of Hospital Therapy with a Course in Pharmacology
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**Experts:**

№p/p	Full name	Academic degree, academic title	Title at the place of work
1	Utkina T.V.	-	Chairman of the accreditation Committee for accreditation of specialists with higher medical education in the Amur Region
2	Gulevich M.P.	PhD of Medical Sciences	Head of the Polyclinic of the State Healthcare Institution of the Amur Region "CITY POLYCLINIC No. 4"

**List of acquaintance with the BPEP HE in the specialty 31.05.01 General  
Medicine**

Title	Full name	Date	Signature





### Universal competencies in the specialty 31.05.01 General Medicine with achievement indicators

Category (group) universal competencies	Code and name of the universal competence	Code and name of the indicator of achievement of universal competence
Systemic and critical thinking	<p><b>UC-1.</b> Capable of carrying out a critical analysis of problematic situations based on a systems approach, developing an action strategy</p>	<p><b>AI UC-1.1.</b> Analyzes the problem situation as a system, identifying its components and the connections between them.  <b>AI UC-1.2.</b> Identifies gaps in information needed to solve problem situations and designs processes to eliminate them.  <b>AI UC-1.3.</b> Applies systems analysis to resolve problematic situations in the professional sphere.  <b>ID UK-1.4.</b> Uses logical and methodological tools for critical evaluation of modern concepts of a philosophical and social nature in their subject area.  <b>AI UC-1.5.</b> Critically evaluates the reliability of information sources, works with contradictory information from different sources.</p>
Development and implementation of projects	<p><b>UC-2.</b> Able to manage a project at all stages of its cycle</p>	<p><b>AI UC-2.1.</b> Basing the posed problem formulates a project task and a method of its solving through the implementation of project management.  <b>AI UC-2.2.</b> Applies projections to solve professional issues, has knowledge of methods for developing project goals and objectives, methods for assessing the duration and cost of a project, as well as the need for resources, including taking into account their replaceability.  <b>AI UC-2.3.</b> Identifies and analyzes alternative solutions to assigned tasks to achieve intended results.  <b>AI UC-2.4.</b> Monitors the progress of the project, makes additional changes to the project implementation plan, clarifies the areas of responsibility of the project participants.</p>
Teamwork and leadership	<p><b>UC-3.</b> Able to organize and manage the work of a team, developing a team strategy to achieve the set goal</p>	<p><b>AI UC -3.1.</b> Establishes and develops professional contacts in accordance with the needs of joint activities, including the exchange of information and the development of a unified strategy; works in a tolerant manner in a team, perceives social, ethnic, religious and cultural differences.  <b>AI UC 3.2.</b> Plans and adjusts the work of the team taking into account the interests, behavioral characteristics and opinions of team members, distributes assignments and delegates authority to team members.</p>

		<p><b>AI UC -3.3.</b> Selects constructive methods for resolving conflicts and contradictions in business communication.</p> <p><b>AI UC -3.4.</b> Organizes discussions on a given topic and discussion of the results of the team's work with the involvement of opponents to the developed ideas.</p>
Communication	<p><b>UC-4.</b> Able to apply modern communication technologies, including in foreign language(s), for academic and professional interaction</p>	<p><b>AI UC-4.1.</b> Uses communicative and linguistic tools to build effective partnerships with patients and colleagues; selects a communication style.</p> <p><b>AI UC-4.2.</b> Uses modern communication resources to search, process and transmit information necessary for the high-quality performance of professional tasks and the achievement of professionally significant goals.</p> <p><b>AI UC-4.3.</b> Compiles, translates from a foreign language into the state language of the Russian Federation and from the state language of the Russian Federation into a foreign language, edits various academic texts (abstracts, essays, reviews, articles, etc.).</p> <p><b>AI UC -4.4.</b> Presents the results of academic and professional activities at various public events, including international ones, choosing the most appropriate format.</p> <p><b>AI UC-4.5.</b> Defends his positions and ideas in a reasoned and constructive manner in academic and professional discussions in the state language of the Russian Federation and a foreign language.</p>
Intercultural interaction	<p><b>UC-5.</b> Able to analyze and take into account cultural diversity in the process of intercultural interaction</p>	<p><b>AI UC -5.1.</b> Analyzes the most important ideological and value systems formed in the course of historical development, substantiates the relevance of their use in social and professional interaction.</p> <p><b>AI UC-5.2.</b> Arrange social and professional interactions taking into account the characteristics of the main forms of scientific and religious consciousness, business and general culture of representatives of other ethnic groups and faiths, and various social groups.</p> <p><b>AI UC-5.3.</b> Ensures the creation of a non-discriminatory environment for interaction when performing professional tasks.</p> <p><b>AI UC -5.4.</b> Interprets the history of Russia in the context of world historical development.</p>
Self-organization and self-development (including health preservation)	<p><b>UC-6.</b> Able to define and implement priorities of own activity and ways of its improvement based on self-</p>	<p><b>AI UC-6.1.</b> Assesses his/her personal, situational, and time resources and uses them optimally to complete the assigned task.</p> <p><b>AI UC -6.2.</b> Plans his activities within the framework of professional tasks.</p> <p><b>AI UC-6.3.</b> Conducts critical self-analysis of the results of one's own activities.</p>

	assessment and education throughout life	<b>AI UC -6.4.</b> Defines priorities for professional growth and ways to improve one’s own activities based on self-assessment according to selected criteria.
	<b>UC-7.</b> Able to maintain the proper level of physical fitness to ensure full social and professional activity	<b>AI UC -7.1.</b> Observes and promotes healthy lifestyle standards in various life situations and in professional activities. <b>AI UC -7.2.</b> Plans his/her work and free time to optimally combine physical and mental workload and ensure efficiency. <b>AI UC -7.3.</b> Selects health-saving technologies to maintain a healthy lifestyle, taking into account the physiological characteristics of the body.
Life safety	<b>UC-8.</b> Capable of creating and maintaining safe living conditions in everyday life and professional activities to preserve the natural environment, ensure sustainable development of society, including in the event of a threat or occurrence of emergency situations and military conflicts	<b>AI UC -8.1.</b> Identifies and analyzes hazardous and harmful environmental factors within the framework of professional activities. <b>AI UC -8.2.</b> Identifies problems related to safety violations in the workplace; suggests measures to prevent emergency situations. <b>AI UC -8.3.</b> Analyzes activities and behavior in the event of emergency situations of natural and man-made origin; provides first aid, describes methods of participation in recovery activities <b>AI UC -8.4.</b> Possesses skills for safe work in chemical, physical, biological laboratories and the ability to handle caustic, poisonous, volatile organic compounds, work with burners, spirit lamps and electric heating devices, animals.
Inclusive competence	<b>UC-9.</b> Able to use basic defectological knowledge in social and professional spheres	<b>AI UC -9.1.</b> Has an understanding of the principles of non-discriminatory interaction in communication in various spheres of life, taking into account the socio-psychological characteristics of persons with disabilities. <b>AI UC -9.2.</b> Defines adequate methods for organizing joint professional activities with the participation of persons with disabilities.
Economic culture, including financial literacy	<b>UC-10.</b> Capable of making informed economic decisions in various areas of life	<b>AI UC -10.1.</b> Understands the basic principles of how the economy functions. <b>AI UC -10.2.</b> Applies economic knowledge when performing practical tasks. <b>AI UC -10.3.</b> Makes informed economic decisions in the implementation of professional activities. <b>AI UC -10.4.</b> Analyzes socio-economic problems, is an active subject of public activity ready to perform work functions, in accordance with the requirements of the professional standard.

Civic position	<b>UC-11.</b> Capable of forming an intolerant attitude towards corrupt behavior	<b>AI UC -11.1.</b> Knows and applies current legislation in the field of anti-corruption activities. <b>AI UC -11.2.</b> Knows ways to prevent corruption and forms an intolerant attitude towards it. <b>AI UC -11.3.</b> Prevents corruption risks in professional activities, eliminates interference in one's professional activities in cases of inclination to commit corruption offenses.
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### General Professional Competencies in the specialty 31.05.01 General Medicine with achievement indicators

Category (group)general professional competencies	Code and name of general professional competencies	Code and name of the indicator of achievement of general professional competence
Ethical and legal foundations of professional activity	<b>GPC -1.</b> Capable of implementing moral and legal norms, ethical and deontological principles in professional activities	<b>AI GPC -1.1.</b> Carries out professional activities in accordance with ethical standards and moral principles. <b>AI GPC -1.2.</b> Organizes professional activities, guided by legislation in the field of healthcare, knowledge of medical ethics and deontology. <b>AI GPC -1.3.</b> Has the skills of presenting an independent point of view, analysis and logical thinking, public speaking, moral and ethical argumentation, conducting discussions and round tables, principles of medical deontology and medical ethics.
Healthy lifestyle	<b>GPC -2.</b> Capable of conducting and monitoring the effectiveness of measures for prevention, healthy lifestyle formation and	<b>AI GPC -2.1.</b> Uses preventive medicine methods aimed at strengthening the health of the population. <b>AI GPC -2.2.</b> Promotes a healthy lifestyle aimed at improving sanitary culture and preventing diseases of patients (population); organizes events on sanitary and hygienic education and the formation of healthy lifestyle skills.

	sanitary and hygienic education of the population	<p><b>AI GPC -2.3.</b> Develops a work plan for the formation of a healthy lifestyle for various contingents (staff and patients of medical organizations, various professional and social groups) taking into account the sanitary and epidemiological situation.</p> <p><b>AI GPC -2.4.</b> Performs ranking of risk factors for public health, selects and justifies optimal measures to minimize and eliminate health risks.</p> <p><b>AI GPC -2.5.</b> Uses methods and means of physical culture to form a healthy lifestyle, ensure full social and professional activity.</p> <p><b>AI GPC -2.6.</b> Assesses the characteristics of population health and environmental factors that affect the body, knows the biophysical mechanisms of such impact.</p> <p><b>AI GPC -2.7.</b> Assesses the need for the use of drug and non-drug prophylaxis, natural healing factors and other methods aimed at preventing the occurrence of infectious and non-infectious diseases and eliminating the factors of their development.</p>
	<b>GPC -3.</b> Capable of counteracting the use of doping in sports and combating it	<p><b>AI GPC -3.1.</b> Predicts and applies measures to prevent the negative impact of doping on human health.</p> <p><b>AI GPC -3.2.</b> Develops and implements methods for preventing the use of doping in sports.</p> <p><b>AI GPC -3.3.</b> Analyzes and interprets conflicting information on issues of doping use.</p>
Diagnostic instrumental examination methods	<b>GPC -4.</b> Capable of using medical products provided for by the procedure for providing medical care, as well as conducting patient examinations to establish a diagnosis	<p><b>AI GPC -4.1.</b> Uses modern medical technologies, specialized equipment and medical products, disinfectants, drugs, including immunobiological and other substances and their combinations when solving professional problems from the standpoint of evidence-based medicine.</p> <p><b>AI GPC -4.2.</b> Knows the indications and contraindications for the appointment of instrumental, functional and laboratory examination methods, possible complications during the examination, emergency care and their prevention.</p> <p><b>AI GPC -4.3.</b> Interprets the results of the most common methods of instrumental, laboratory and functional diagnostics, thermometry to identify pathological processes.</p> <p><b>AI GPC -4.4.</b> Proficient in methods of general clinical examination of patients of various ages.</p> <p><b>AI GPC -4.5.</b> Formulates a preliminary diagnosis and clinical diagnosis according to ICD.</p>
Etiology and pathogenesis	<b>GPC -5.</b> Capable of assessing morphofunctional, physiological states and pathological processes in the	<p><b>AI GPC -5.1.</b> Knows the functional systems of the human body, their regulation and self-regulation when interacting with the external environment in normal conditions and in pathological processes.</p> <p><b>AI GPC -5.2.</b> Knows the etiology, pathogenesis, morphogenesis, pathomorphosis of disease development, basic concepts of nosology.</p>

	human body to solve professional problems	<p><b>AI GPC -5.3.</b> Knows the indicators of the morphofunctional, physiological state of a healthy person and can measure/determine them.</p> <p><b>AI GPC -5.4.</b> Uses indicators of morphofunctional, physiological state and pathological process to examine the human body in order to establish a diagnosis, prescribe treatment and monitor its effectiveness and safety.</p> <p><b>AI GPC -5.5.</b> Analyzes and interprets macroscopic and microscopic changes in normal and pathologically altered tissues and organs.</p> <p><b>AI GPC -5.6.</b> Interprets the results of studies of biopsy and surgical material to solve professional problems and formulate a diagnosis in accordance with the ICD.</p>
Primary health care	<p><b>GPC -6.</b> Capable of organizing patient care, providing primary health care, ensuring the organization of work and making professional decisions in emergency situations at the pre-hospital stage, in emergency situations, epidemics and in areas of mass destruction</p>	<p><b>AI GPC -6.1.</b> Organizes patient care, provides primary health care and emergency care to patients.</p> <p><b>AI GPC -6.2.</b> Uses medical means of protection, prevention, provision of medical care and treatment of injuries caused by toxic substances of various nature, radioactive substances and biological agents.</p> <p><b>AI GPC -6.3.</b> Makes professional decisions in emergency situations and provides first medical aid at the pre-hospital stage, in emergency situations, epidemics and in areas of mass destruction.</p> <p><b>AI GPC -6.4.</b> Organizes the work of medical personnel and carries out anti-epidemic measures to protect the population in emergency situations, epidemics and in areas of mass destruction.</p>
Treatment of diseases and conditions	<p><b>GPC -7.</b> Capable of prescribing treatment and monitoring its effectiveness and safety</p>	<p><b>AI GPC -7.1.</b> Selects a drug based on the totality of its pharmacokinetic and pharmacodynamic characteristics for the treatment of patients with various nosological forms in outpatient and inpatient settings.</p> <p><b>AI GPC -7.2.</b> Selects the optimal minimum of the most effective means, using convenient methods of their application.</p> <p><b>AI GPC -7.3.</b> Explains the main and side effects of drugs, the effects of their combined use and interaction with food, taking into account the morphofunctional features, physiological states and pathological processes in the human body</p> <p><b>AI GPC -7.4.</b> Prescribes medications for the treatment of diseases and correction of pathological conditions, based on the characteristics of the pharmacokinetics and pharmacodynamics of drugs.</p>

		<p><b>AI GPC -7.5.</b> Takes into account morphofunctional features, physiological states and pathological processes in the human body when choosing over-the-counter drugs and other pharmacy products.</p> <p><b>AI GPC -7.6.</b> Analyzes the results of possible interactions of drugs during the combined use of various drugs.</p> <p><b>AI GPC -7.7.</b> Evaluates the effectiveness and safety of drug therapy using a combination of clinical, laboratory, instrumental and other diagnostic methods.</p>
Medical rehabilitation	<p><b>GPC -8.</b> Capable of implementing and monitoring the effectiveness of medical rehabilitation of the patient, including the implementation of individual rehabilitation and habilitation programs for the disabled, and assessing the patient's ability to perform work activities</p>	<p><b>AI GPC -8.1.</b> Assesses the functional reserves and adaptive abilities of a person, reduced in the process of unfavorable impact of environmental factors and activities or as a result of illness.</p> <p><b>AI GPC -8.2.</b> Identifies risk groups for the purpose of improving health and determining the rehabilitation potential for subsequent restorative treatment and rehabilitation of patients.</p> <p><b>AI GPC -8.3.</b> Develops and organizes a plan of measures for medical rehabilitation of patients, including methods of non-drug treatment (natural healing factors, physiotherapy and reflexology, therapeutic exercise).</p> <p><b>AI GPC -8.4.</b> Interprets the results of clinical laboratory and instrumental diagnostic methods to monitor the effectiveness of medical rehabilitation programs and assess the patient's ability to perform work activities.</p>
Quality management	<p><b>GPC -9.</b> Capable of implementing quality management principles in professional activities</p>	<p><b>AI GPC -9.1.</b> Analyzes and critically evaluates the quality of professional activity according to specified indicators.</p> <p><b>AI GPC -9.2.</b> Develops a plan of organizational and methodological measures to achieve an appropriate level of quality of professional activity.</p>
Information Literacy	<p><b>GPC-10.</b> Able to solve standard professional tasks using information, bibliographic resources, medical and biological terminology, information and communication technologies, taking into account the basic requirements of information security.</p>	<p><b>AI GPC -10.1.</b> Maintains confidentiality when working with information databases and with individual data of citizens.</p> <p><b>AI GPC-10.2.</b> Conducts effective searches for information necessary to solve problems of professional activity, using legal reference systems and professional pharmaceutical databases.</p> <p><b>AI GPC-10.3.</b> Uses specialized software for mathematical processing of observational and experimental data when solving problems in professional activities.</p> <p><b>ID OPK-10.4.</b> Uses automated information systems in the internal processes of a medical organization, as well as for organizing interactions between medical personnel and patients of medical organizations.</p>

Scientific and organizational activity	<p><b>GPC-11.</b> Capable of preparing and applying scientific, scientific-production, design, organizational-managerial and regulatory documentation in the healthcare system</p>	<p><b>AI GPC 11.1.</b> Applies modern methods of collecting and processing information, conducts statistical analysis of the obtained data in the professional field and interprets the results to solve professional problems.</p> <p><b>AI GPC-11.2.</b> Identifies and analyzes problem situations, searches for and selects scientific, regulatory and organizational documentation in accordance with the specified goals.</p> <p>ID OPK 11.3. Interprets and applies data from physical, chemical, mathematical and other natural science concepts and methods for solving professional problems.</p> <p><b>AI GPC-11.4.</b> Conducts scientific and practical research, analyzes information using the historical method and prepares publications based on the research results.ID OPK-11.5. Analyzes and compiles accounting and reporting medical documentation and calculates qualitative and quantitative indicators used in professional activities.</p>
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### Professional competencies in the specialty 31.05.01 General Medicine with achievement indicators

Labor function	Code and name of professional competencies	Code and name of the indicator of achievement of professional competence
A/01.7 Providing medical care to a patient in urgent or emergency forms	PC-1. Capable of providing medical care in urgent and emergency situations	<p><b>AI PC - 1.1.</b> Identifies clinical signs of conditions requiring emergency medical care</p> <p><b>AI PC -1.2.</b> Provides emergency medical care to patients with sudden acute illnesses, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life</p> <p><b>AI PC -1.3.</b> Identifies conditions requiring emergency medical care</p> <p><b>AI PC - 1.4.</b> Provides emergency medical care to patients in conditions that pose a threat to the patient's life.</p> <p><b>AI PC -1.5.</b> Reveals signs of sudden cessation of blood circulation and breathing</p>

		<b>AI PC - 1.6.</b> Performs basic cardiopulmonary resuscitation measures in combination with electrical impulse therapy (defibrillation) in the event of clinical death of a patient (in case of sudden cessation of blood circulation and/or breathing) .
A/02.7 Conducting a patient examination to establish a diagnosis	PC-2. Capable of collecting and analyzing complaints, life history and medical history of the patient in order to establish a diagnosis	<p><b>AI PC - 2 .1.</b> Establishes contact with the patient.</p> <p><b>AI PC - 2.2.</b> Collects complaints, specifies them, highlighting the main and secondary ones.</p> <p><b>AI PC - 2.3.</b> Collects and analyzes information about the onset of the disease, the presence of risk factors, the dynamics of the development of symptoms and the course of the disease.</p> <p><b>AI PC - 2.4.</b> Analyzes the timing of the first and repeated requests for medical care, the volume of therapy performed, and its effectiveness.</p> <p><b>AI PC -2.5 .</b> Collects and evaluates information about the medical history, including data on past illnesses, injuries and surgeries, hereditary, professional, epidemiological history.</p>
	PC-3. Capable of conducting a physical examination of a patient, analyzing the results of additional examination methods in order to establish a diagnosis	<p><b>AI PC -3.1.</b> Conducts a complete physical examination of the patient (inspection, palpation, percussion, auscultation) and interprets its results</p> <p><b>AI PC -3.2.</b> Justifies the necessity, volume, sequence of diagnostic measures (laboratory, instrumental) and referral of the patient to specialist doctors for consultations</p> <p><b>AI PC -3.3.</b> Analyzes the results of the patient examination, if necessary, justifies and plans the scope of additional studies.</p> <p><b>AI PC -3.4.</b> Interprets and analyzes the results of collecting information about the patient's disease, data obtained during laboratory and instrumental examinations and during consultations with specialist doctors, and, if necessary, justifies and plans the scope of additional research.</p> <p><b>AI PC -3.5.</b> Performs early diagnostics of internal organ diseases. Establishes a diagnosis taking into account the current international statistical classification of diseases and related health problems (ICD)</p> <p><b>AI PC -3.6.</b> Conducts differential diagnostics of internal organ diseases from other diseases</p>

	<p>PC-4. Capable of determining indications for hospitalization, indications for emergency, including emergency specialized, medical care</p>	<p><b>AI PC -4.1.</b> Defines medical indications for the provision of emergency, including emergency specialized, medical care  <b>AI PC -4.2.</b> Refer the patient for specialized medical care in inpatient or day hospital conditions if there are medical indications in accordance with the current procedures for providing medical care, clinical guidelines (treatment protocols) on issues of providing medical care, taking into account the standards of medical care  <b>AI PC -4.3.</b> Uses medical products in accordance with current procedures for the provision of medical care, clinical recommendations (treatment protocols) on issues of providing medical care, care taking into account the standards of medical care</p>
<p>A/03.7 Prescribing treatment and monitoring its effectiveness and safety</p>	<p>PC-5. Able to prescribe treatment to patients</p>	<p><b>AI PC -5. 1.</b> Draws up a treatment plan for the patient taking into account the diagnosis, age of the patient, clinical picture of the disease, presence of complications, concomitant pathology, in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on issues of providing medical care, taking into account the standards of medical care  <b>AI PC -5. 2.</b> Prescribes medications, medical devices and therapeutic nutrition taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care  <b>AI PC -5. 3.</b> Prescribes non-drug treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care  <b>AI PC -5. 4.</b> Provides palliative medical care in cooperation with medical specialists and other medical workers  <b>AI PC -5. 5.</b> Organizes personalized treatment of the patient, including pregnant women, elderly and senile patients</p>

	PC-6. Capable of monitoring the effectiveness and safety of the therapy being performed.	<p><b>AI PC - 6.1.</b> Assesses the effectiveness and safety of the use of drugs, medical devices, therapeutic nutrition and other methods of treatment</p> <p><b>AI PC -6.2.</b> Takes into account the pharmacodynamics and pharmacokinetics of the main groups of drugs, prevents the development of adverse drug reactions, and corrects them if they occur.</p>
A/04.7 Implementation and monitoring of the effectiveness of medical rehabilitation of the patient, including the implementation of individual rehabilitation or habilitation programs for disabled persons, assessment of the patient's ability to perform work activities	PC-7. Capable of referring a patient with persistent impairment of body functions caused by diseases, consequences of injuries or defects, to a medical and social examination	<p><b>AI PC -7.1.</b> Identifies signs of temporary disability and signs of persistent impairment of body functions caused by diseases, consequences of injuries or defects</p> <p><b>AI PC -7.2.</b> Participates in conducting examinations of temporary disability and work as part of the medical commission that carries out examinations of temporary disability</p> <p><b>AI PC -7.3.</b> Prepares the necessary medical documentation for the implementation of medical and social expertise in federal state institutions of medical and social expertise</p> <p><b>AI PC -7.4.</b> Refer a patient with persistent impairment of body functions caused by diseases, consequences of injuries or defects to a medical and social examination</p>
	PC-8. Capable of implementing and monitoring the effectiveness of individual patient rehabilitation programs	<p><b>AI PC -8.1.</b> Defines medical indications for carrying out medical rehabilitation or habilitation measures for disabled people, in accordance with current procedures for providing medical care, clinical recommendations on issues of providing medical care, taking into account the standards of medical care</p> <p><b>AI PC -8.2.</b> Carries out medical rehabilitation activities for the patient, in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on issues of providing medical care, taking into account the standards of medical care</p> <p><b>AI PC -8.3.</b> Determines medical specialists to carry out rehabilitation measures for the patient, taking into account the diagnosis and in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on issues of providing medical care, taking into account the standards of medical care</p> <p><b>AI PC -8.4.</b> Monitors and evaluates the effectiveness and safety rehabilitation measures, taking into account the diagnosis and in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment</p>

		protocols) on issues of providing medical care, taking into account the standards of medical care
A/05.7 Conducting and monitoring the effectiveness of measures to prevent and promote a healthy lifestyle and sanitary and hygienic education of the population	PC - 9 . Capable to carrying out preventive medical examinations ,dispensary and implementation of dispensary observations for patients with chronic diseases	<p><b>AI PC -9.1.</b> Organizes and conducts medical examinations taking into account age, health status, profession in accordance with current regulatory legal acts and other documents</p> <p><b>AI PC -9.2.</b> Conducts medical examination of the adult population for the purpose of early identification of chronic non-communicable diseases, the main risk factors for their development</p> <p><b>AI PC -9.3.</b> Conducts outpatient observation of patients with identified chronic non-infectious diseases</p> <p><b>AI PC -9.4.</b> Defines medical indications for referral to specialist doctors and additional research methods based on the results of a medical examination</p>
	PC -10. Capable of conducting and monitoring the effectiveness of preventive work and healthy lifestyle promotion activities	<p><b>AI PC -10.1.</b> Prescribes preventive measures to patients taking into account risk factors for the prevention and early detection of diseases, including socially significant diseases</p> <p><b>AI PC -10.2.</b> Develops and implements programs for the formation of a healthy lifestyle, including programs to reduce alcohol and tobacco consumption, prevent and combat non-drug use of narcotic drugs and psychotropic substances</p> <p><b>AI PC -10.3.</b> Conducts sanitary and anti-epidemic measures in the event of an outbreak of infection</p>
A/06.7 Maintenance of medical records and organization of activities of the nursing staff at their disposal	PC - 11 . Method of application basic principles of organization and management in the sphere of health of adult population , in medical organizations and their structural subdivisions	<p><b>AI PC -11.1.</b> Organizes medical care in medical organizations providing outpatient medical care, including at home, when calling a medical worker</p> <p><b>AI PC -11.2.</b> Monitors the performance of job responsibilities by the district nurse and other medical workers at their disposal</p> <p><b>AI PC -11.3 .</b> Uses methods and means of visual presentation of activity results</p> <p><b>AI PC -11.4.</b> Draws up a work plan and a report on the work of the district doctor in accordance with the established requirements</p> <p><b>AI PC -11.5.</b> Ensures internal quality control and safety of medical activities within the scope of job responsibilities</p> <p><b>AI PC -11.6.</b> Uses information systems and the information and telecommunications network "Internet" in professional activities</p>

	PC-12. Ready to maintain medical records, including in electronic form	<p><b>AI PC -12.1</b> . Fills out medical documentation, including in electronic form.</p> <p><b>AI PC -12.2</b> . Works with personal data of patients and information constituting a medical secret.</p> <p><b>AI PC -12.3.</b> Prepares documents when referring patients for hospitalization, consultation, spa treatment, medical and social examination</p>
	PC-13. Ready to participate in assessing the quality of medical care provided to patients using medical and statistical indicators	<p><b>AI PC -13.1</b> . Conducts an analysis of medical and statistical indicators of morbidity, disability and mortality to assess the health of the assigned population</p> <p><b>AI PC -13. 2.</b> Analyzes data from official statistical reporting, including federal and industry statistical monitoring forms</p>
-	PC-14. Capable of participating in research activities.	<p><b>AI PC -14. 1.</b>Participates in scientific research</p> <p><b>AI PC -14. 2.</b>Analyzes medical information based on evidence-based medicine</p> <p><b>AI PC -14. 3.</b> Introduces new methods and techniques into practical healthcare aimed at protecting the health of the adult population.</p>

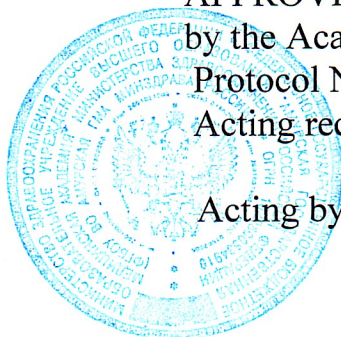
APPROVED

by the Academic Council of the Academy

Protocol No. 15 dated May 12, 2026

Acting rector \_\_\_\_\_ I.V. Zhukovets

Acting by Order No. \_\_\_\_ dated May 13, 2026



**Amendments and additions to the basic professional educational program of  
higher education in the specialty 31.05.01 General Medicine for the 2026-  
2027 academic year**

1. The midterm assessment for the discipline "Artificial Intelligence" is changed from "credit with grade" to "credit-test".
2. The discipline "Organization of Medical and Preventive Care for the Adult Population in a Polyclinic Setting" in the amount of 2 c.u. is excluded from block B1B.
3. The following disciplines are introduced into block B1B: "Lean Technologies and Digital Transformation of the Healthcare System in the Context of Primary Health Care" (11th semester, 72 hours, 2 c.u. ), type of midterm assessment – credit-test.
4. The volume of contact work is reduced and the volume of self-sustained work is increased in the disciplines of the 1st and 2nd courses and transitional disciplines from the 2nd to the 3rd year:

Item No.	Discipline	Contact work (lectures and practical classes)	Self-sustained work
1	Philosophy	From 96 to 72 hours	From 48 to 72 hours
2	Bioethics	From 4 to 36 hours	From 24 to 36 hours
3	History of Medicine	From 72 to 64 hours	From 36 to 44 hours
4	Economy	From 48 to 36 hours	From 24 to 36 hours
5	Jurisprudence	From 72 to 54 hours	From 36 to 54 hours
6	Foreign Language	From 72 to 54 hours	From 36 to 54 hours
7	Latin	From 72 to 64 hours	From 36 to 44 hours
8	Psychology and Pedagogy	From 48 to 36 hours	From 24 to 36 hours
9	Physics. Mathematics	From 72 to 64 hours	From 36 to 44 hours
10	Medical Informatics	From 96 to 82 hours	From 48 to 62 hours
11	Chemistry	From 72 to 64 hours	From 36 to 44 hours
12	Biochemistry	From 144 to 128 hours	From 72 to 88 hours
13	Biology	From 120 to 102 hours	From 60 to 78 hours
14	Anatomy	From 216 to 192 hours	From 108 to 132 hours
15	Histology, Embryology,	From 120 to 104 hours	From 60 to 76 hours

	Cytology		
16	Normal Physiology	From 144 to 128 hours	From 72 to 88 hours
17	Life Safety	From 144 to 128 hours	From 72 to 88 hours
18	Professional Foreign Language	From 48 hours to 36 hours	From 24 to 36 hours
19	Bioorganic Chemistry	From 72 to 44 hours	From 36 to 44 hours
20	Bioinorganic Chemistry	From 48 hours to 36 hours	From 24 to 36 hours
21	Fundamentals of Project Activities	From 48 hours to 36 hours	From 24 to 36 hours
22	History of the Far East	From 24 to 22 hours	From 12 to 14 hours
23	Topographic Anatomy	From 96 to 84 hours	From 48 to 60 hours
24	Microbiology, Virology	From 144 to 128 hours	From 72 to 88 hours
25	Hygiene	From 120 to 90 hours	From 60 to 90 hours
26	Physical Education and Sports	From 72 to 40	From 0 to 32 hours

5. In connection with the expiration of the license agreement for software products, the tables in paragraphs 6.2.2. and 6 shall be set out as follows:

#### **List of software (commercial software products)**

No. p/p	List of software (commercial software products)	Details of supporting documents
1.	MS operating system Windows 7 Pro	License number 48381779
2.	MS operating system Windows 10 Pro , MS Office	AGREEMENT No. 142 A dated December 25, 2019
3 .	MS Office	License numbers: 43234783, 67810502, 67580703, 64399692, 62795141, 61350919
4.	Kaspersky Endpoint Security for business Extended	Agreement No. 977/20 dated 12/24/2020
5.	1 C: PROF University	LICENSE AGREEMENT No. 2191 dated October 15, 2020
6.	1C: PROF Library	LICENSE AGREEMENT No. 2281 dated November 11, 2020

#### **List of freely distributed software**

No . p/p	List of freely distributed software	Links to the license agreement
1.	Google Chrome	Freely distributed Distribution Terms: <a href="https://play.google.com/about/play-terms/index.html">https://play.google.com/about/play-terms/index.html</a>

2.	Yandex Browser	Freely distributed License Agreement for the Use of Yandex Browser Software <a href="https://yandex.ru/legal/browser_agreement/">https://yandex.ru/legal/browser_agreement/</a>
3.	Dr.Web CureIt !	Freely distributed License Agreement: <a href="https://st.drweb.com/static/new-www/files/license_CureIt_ru.pdf">https://st.drweb.com/static/new-www/files/license_CureIt_ru.pdf</a>
4.	OpenOffice	Freely distributed License: <a href="http://www.gnu.org/copyleft/lesser.html">http://www.gnu.org/copyleft/lesser.html</a>
5.	LibreOffice	Freely distributed License: <a href="https://ru.libreoffice.org/about-us/license/">https://ru.libreoffice.org/about-us/license/</a>

Detailed information on the material and technical support and equipment of the educational process is presented on the official website of the Amur State Medical Academy in the information and telecommunications network "Internet" in the subsection "Material and technical support and equipment of the educational process" of the section "Information about the educational organization" tab ([https://www.amur\\_g\\_ma.ru/sveden/objects/](https://www.amur_g_ma.ru/sveden/objects/)).

Professional databases, information reference systems, and electronic educational resources are presented in the working programs of disciplines and practices.

6. Paragraph 5 of subparagraph 6.2.1 shall be set out as follows :

The library's total collection consists of 342,419 documents, including 125,733 educational publications, 12,561 educational and methodological publications, and 198,718 scientific publications.

7. Paragraph 10 of subparagraph 6.2.1 shall be set out as follows:

Two reading rooms and an internet classroom are available for independent study. Room #1 is equipped with seven computers with internet access and includes comfortable areas for group and individual study. The room is equipped with multimedia equipment, including a laptop, projector, and a tripod screen. Room #2 does not have internet access but contains subscription periodicals . The internet classroom is equipped with one or two computers with internet access, printers, and a scanner. The library also has a copy machine.

8. In accordance with the Regulation on the procedure for the development, approval and updating of the main professional educational programs of higher education - specialist programs in the Federal State Budgetary Educational Institution of Higher Education Amur State Medical Academy of the Ministry of Health of the Russian Federation, which are part of the BPEP HE:

- curricula, academic calendar schedules (year of commencement of training 2021, 2022, 2023, 2024, 2025, 2026) were developed and approved by the decision of the academic council dated May 12, 2026, protocol No. 15;

- the working programs of academic disciplines and practical training have been updated;
- the educational program, calendar plan of events and activities of educational focus for the 2026-2027 academic year were updated and approved by the decision of the Academic Council dated May 12, 2026, protocol No. 15.