



Federal State Government-Funded Educational Institution of Higher
Education

Volgograd State Medical University
Ministry of Healthcare of the Russian Federation

APPROVED BY

Chancellor of VolgSMU of the
Ministry of Healthcare of Russia

V. V. Shkarin

54 December 2023



SELF-ASSESSMENT REPORT

on the program accreditation of the "Main Professional Educational Program of Higher
Education – Specialist Program in the Specialty
33.05.01 Pharmacy

prepared for
Independent Agency for Accreditation and Rating (IAAR)

Volgograd, 2023

Content

I. INTRODUCTION	3
I DESIGNATIONS AND ABBREVIATIONS	8
INTRODUCTION OF THE EDUCATIONAL ORGANIZATION	11
PREVIOUS ACCREDITATION.....	13
II. MAIN PART. COMPLIANCE WITH PROGRAM ACCREDITATION STANDARDS	13
1. MISSION & RESULTS STANDARD.....	13
2 EDUCATIONAL PROGRAM STANDARD	21
3 STUDENT ASSESSMENT STANDARD.....	43
4. STANDARD "LEARNERS".....	53
5 STANDARD "ACADEMIC STAFF/FACULTY MEMBERS"	64
6. EDUCATIONAL RESOURCES STANDARD	75
8 MANAGEMENT AND ADMINISTRATION STANDARD	26
III. CONCLUSIONS. CONCLUSION OF THE SELF-ASSESSMENT COMMITTEE.....	44

I. INTRODUCTION

PROFILE OF THE EDUCATIONAL ORGANIZATION

The purpose of international accreditation is to establish the compliance of the activities of the Federal State Government-Funded Educational Institution of Higher Education "Volgograd State Medical University" of the Ministry of Healthcare of the Russian Federation and educational programs implemented at the university with the requirements of international quality standards.

To ensure comprehensive preparation for international institutional accreditation, including international accreditation of educational programs in the specialties 31.05.01 General Medicine, 31.05.03 Dentistry, 33.05.01 Pharmacy, in accordance with [the order of the Chancellor dated 01.11.2023 No. 1888-KO](#) "On preparation for international accreditation and self-assessment of the Federal State Government-Funded Educational Institution of Higher Education of Volgograd State Medical University of the Ministry of Healthcare of RussiaA self-assessment commission of the VolgSMU of the Ministry of Healthcare of the Russian Federation was established, which determined the readiness of the structural divisions of VolgSMU to undergo external examination within the framework of the international accreditation procedure.

The self-assessment process was accompanied by the systematic collection of statistical data necessary to document the information provided in the WFME/AMSE self-assessment report.

In the course of the self-examination, an analysis of the content, level and quality of training of students, the content of the accredited BRI and the conditions for their implementation was carried out, an assessment of the dynamics of the development of the BRI, the state of the academic staff, educational resources and material and technical base was carried out. The BRI self-assessment process had a positive impact on the comprehensive activities of the university, as strong and improving sides in the implementation of the tasks defined by the Mission and the strategic program of the university's development were identified.

The self-examination procedure was carried out in the period from 01.11.2023 to 01.12.2023 in accordance with regulatory enactments and standards. Members of the Commission for Self-Assessment of the University and Educational Programs were trained at the training seminar "Building an Internal System for Assessing the Quality of Education", held by the IAAR on October 3-4, 2023. Meetings of the commission were held regularly

once a week. The self-assessment procedure brought the university staff together and increased responsibility for the results and outcomes of the accreditation process.

GENERAL INFORMATION ABOUT THE ORGANIZATION OF EDUCATION

Full name of the medical educational organization	Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation
Founders	Ministry of Healthcare of the Russian Federation
Year of foundation (name, renaming (if implemented))	1935 – Stalingrad State Medical Institute was founded. Changes in the official names of the university (Appendix 2 to this CB)
Current Accreditation Status	
Location	Russian Federation 400131, Volgograd region, Volgograd city, Fallen Fighters Square, 1
Chancellor	Shkarin Vladimir Vyacheslavovich, Doctor of Medical Sciences, Associate Professor
License (title deed)	Extract from the register of licenses as of 15:20 on June 20, 2023:license registration number: No. L035-00115-34/00097115, license grant date: 10/21/2016
Previous accreditation	Not held
Participation of NGOs in ratings	<p>VolgSMU is among the leaders among Volgograd universities in various rankings, and is included in the top 100 universities in Russia according to the ratings of independent companies.</p> <p>In 2021, 2022, and 2023, VolgSMU underwent an independent assessment of the quality of higher education, which was carried out by the Informexpertiza Project Implementation Group. In 2022, VolgSMU successfully passed the certification audit of the quality management system by the Russian Register AS and received the GOST R ISO 9001-2015 (ISO 9001:2015) certificate until 2026.</p> <p>In 2021, VolgSMU successfully passed the international accreditation of the programs "General Medicine", "Pediatrics", "Dentistry" for a period of 6 years (certification association "Russian Register").</p> <p>In 2022, VolgSMU was ranked in the 2nd league (TOP-200 – 14th place among medical universities), in 2023 – ranked in the 1st league (TOP-100 – 12th place among medical universities) of the National Aggregated Ranking.</p> <p>In its analysis, the National Aggregate Rating uses the results of other ratings:</p> <p>National University Ranking – Interfax (2022 – 18th place among medical universities, 2023 – 16th place among medical universities).</p> <p>Ranking "First Mission" – 2022 – 17th place among medical universities of the Russian Federation, 2023 – 3rd place among medical universities.</p> <p>Ranking of monitoring the effectiveness of universities (2022 , 2023 – 2 leagues).</p> <p>In the RAEX-100 Rating, VolgSMU took 97th place in 2023 (in 2020, 2021 and 2022 it was not included in the TOP-100).</p> <p>In 2023, 164 universities from 42 regions of Russia participated in the RAEX subject ranking. In the "medicine" ranking, VolgSMU took 11th place (in 2022 they were in 14th place). In the "Pharmacy" rating, VolgSMU is on the 9th place.</p> <p>In the international ranking 2023 "The Three University Missions MosIUR" VolgSMU ranks 1001st among 1564 universities in the world; entered the interval group 49-53 among Russian universities.</p> <p>The ranking according to the Hirsch index in 2022 and 2023 is 12th</p>

	<p>place among medical universities of the Russian Federation (first quartile among all universities).</p> <p>The subject ranking according to the Hirsch index 2022 is 5th place in the subject area 30.00.00 Basic Medicine and 10th place in 31.00.00 Clinical Medicine.</p> <p>In the 2022 National Recognition ranking, it is in the first quartile among all universities and in 4th place among medical universities in the Russian Federation. (2023 – 6th place among medical universities).</p> <p>In the 2022 and 2023 International Recognition ranking, it is included in the first quartile (4th place among medical universities).</p> <p>VolgSMU is recognized as a "University of Healthy Lifestyle", for several years it has been one of the three leaders of the competition with the same name, which is held annually among medical and pharmaceutical universities of the Russian Federation.</p>
Implementable Levels of Learning	<p>Secondary vocational education – a training program for mid-level specialists</p> <p>Higher Education – Academic Baccalaureate</p> <p>Higher Education – Specialist</p> <p>Higher Education – Master's Degree</p> <p>Higher education – training of highly qualified personnel (residency, postgraduate studies)</p> <p>Continuing professional education – advanced training</p> <p>Specific information on the educational programs being implemented (with an indication of the standard terms of training for each BRI) is publicly available on the website.</p>
Number of educational programs implemented	133 basic educational programs of all levels of education (Appendix 3 to this CB)
Admission Requirements	Admission to Volgograd State Medical University is carried out in accordance with the requirements of the legislation of the Russian Federation, the Charter of the Federal State Government-Funded Educational Institution of Higher Education of Volgograd State Medical University of the Ministry of Healthcare of Russia (paragraph 3) and the annual admission rules developed by the university, accepted by the Academic Council and approved by the rector of the university.
Number of students (total, broken down by forms of study: full-time, part-time, part-time)	<p>Full-time: 9301 people as of 01.11.2023</p> <p>Full-time: 74 people as of 01.11.2023</p> <p>Part-time: 194 people as of 01.11.2023</p> <p>(see Annex 3 to this SAR for details)</p>
Number of professors-teaching staff (total, including full-time)	1638 employees of the teaching staff
Number of administrative and managerial personnel (total, in incl. full-time)	382 employees of AMS
Dates of the external visit	<p>December 11, 12 (within the framework of international institutional accreditation)</p> <p>December 13-15 (within the framework of international accreditation of educational programs)</p>
Person responsible for accreditation (tel./fax/e-mail)	<p>Mikhalchenko Dmytro Valerievich, Vice-Chancellor for Educational Activities, Doctor of Medical Sciences, Associate Professor; phone: +7 (8442) 38-30-28;</p> <p>e-mail: mdvvolgmed@yandex.ru</p>

**INFORMATION ON THE MAIN PROFESSIONAL EDUCATIONAL PROGRAM OF
THE SPECIALIST IN THE SPECIALTY 33.05.01 PHARMACY, WHICH IS
UNDERGOING INTERNATIONAL ACCREDITATION**

Part I	
Educational Program / Educational Programs	Specialist in the specialty 33.05.01 Pharmacy
Level / Period of Study	Specialist / 5 years
Structural subdivision (head)	Faculty of Pharmacy (Natalia Vyacheslavovna Rogova, Dean, Doctor of Medical Sciences, Professor) Dean's Office for International Students (Dean Yemelyanov Dmitriy Nikolaevich, Candidate of Medical Sciences, Associate Professor)
Main Departments (Heads of Departments)	Department of Chemistry (Brel Anatoly Kuzmich, Doctor of Chemical Sciences, Professor) Department of Pharmaceutical and Toxicological Chemistry (Ozerov Alexander Aleksandrovich, Doctor of Pharmaceutical Sciences, Professor) Department of Pharmacognosy and Botany (Yanitskaya Aleftina Vladimirovna, Candidate of Biological Sciences, Associate Professor) Department of Pharmaceutical Technology and Biotechnology (Strusovskaya Olga Gennadijevna, Doctor of Pharmaceutical Sciences, Associate Professor) Department of Management and Economics of Pharmacy, Medical and Pharmaceutical Commodity Science (Ganicheva Lyudmila Mikhailovna, Doctor of Pharmaceutical Sciences, Associate Professor)
Dates of the external visit	December 13-15 (within the framework of international accreditation of educational programs)
Person responsible for accreditation (tel./fax/e-mail)	Mikhalechenko Dmytro Valerievich, Vice-Chancellor for Educational Activities, Doctor of Medical Sciences, Associate Professor; phone: +7 (8442) 38-30-28; e-mail: mdvvolgmed@yandex.ru
Part II	
Number of ECTS credits	300
Duration of study (number of semesters), form of study	5 years (10 semesters), full-time
Start of Studies (Fall Semester / Spring Semester)	Fall Semester – September 1
Date of introduction of the educational program	Year 2019
Previous accreditation (date, expiry date, accreditation agency)	Not held
Admission Requirements	Admission to Volgograd State Medical University is carried out in accordance with the requirements of the legislation of

	<p>the Russian Federation, the Charter of the Federal State Government-Funded Educational Institution of Higher Education of Volgograd State Medical University of the Ministry of Healthcare of Russia (paragraph 3) and the annual admission rules developed by the university, accepted by the Academic Council and approved by the rector of the university.</p>
Further education opportunities (upon completion of the program)	<p>Residency / 2 years Postgraduate / 3 to 4 years</p>
Goals and objectives of the program	<p>Purpose: Creation of modern, effective conditions at the faculty for education, practical training, education of students, through the development of advanced pharmaceutical technologies, the implementation of applied and fundamental scientific research in demand by domestic and international professional environments, to train competitive specialists with higher pharmaceutical education in the specialty 33.05.01 Pharmacy with an active life position, with high social and personal competencies, modern knowledge, practical skills, innovative thinking, which are in demand in the labor market, capable of timely and high-quality solutions to the problems of providing the country's population with safe and effective medicines.</p> <p>Tasks:</p> <ul style="list-style-type: none"> - in the field of education: the formation of social and personal qualities of students; - in the field of education: formation of conditions for the fundamental and practical orientation of personnel training based on international standards, in accordance with the requirements of the FSES HE in the specialty 33.05.01 Pharmacy, professional standard 02.006 Pharmacist
Brief description of the program	<p>The main professional educational program of higher education is a specialist program in the specialty 33.05.01 Pharmacy, direction (profile) Pharmacy, full-time form of study (hereinafter referred to as the BVEP of the specialist degree in the specialty 33.05.01 Pharmacy), implemented by the Federal State Government-Funded Educational Institution of Higher Education "Volgograd State Medical University" of the Ministry of Healthcare of the Russian Federation (hereinafter referred to as the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation). Volgograd State Medical University) was developed and approved by the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia, taking into account the requirements of the labor market on the basis of the Federal State Educational Standard of Higher Education - Specialist in the specialty 33.05.01 Pharmacy, approved by the order of the Ministry of Education and Science of Russia dated</p>

	<p>27.03.2018 No. 219, registered with the Ministry of Justice of Russia dated 16.04.2018. No. 50789, (hereinafter referred to as the FSES HE for the specialty 33.05.01 Pharmacy) and the professional standard 02.006 Pharmacist.</p> <p>BVEP of the specialist in the specialty 33.05.01 Pharmacy is a set of basic characteristics of education (volume, content, planned results), organizational and pedagogical conditions, forms of certification, which is presented in the form of a curriculum, a calendar educational schedule, educational and methodological complexes of disciplines (modules) and practices, including work programs, assessment and methodological materials, as well as a work program of education, a calendar plan of educational work. forms of attestation on it.</p>
Learning Outcomes	Obtaining a diploma of the established form of higher education of a specialist in the specialty 33.05.01 Pharmacy with the qualification of "pharmacist"
Specialization	-
Additional Features	
Number of Admitted Students	<p>Total number of full-time students as of 01.11.2023:</p> <p>citizens of the Russian Federation – 252 people, foreign citizens – 262</p> <p>training in Russian – 77 people</p> <p>Training in English - 185 people</p>
Tuition fees	Education agreement for training in educational programs of secondary vocational or higher education in 2023.
Employability, Possible Career Paths	<p>Pharmacists holding the following positions:</p> <p>Director (head, head) of a medical/pharmacy organization, deputy director (head, head) of a medical/pharmacy organization, head (head) of a structural unit (department) of a medical/pharmacy organization, pharmacist-technologist of a pharmacy organization/production pharmacy, pharmacist-analyst of a pharmacy organization/production pharmacy/control and analytical laboratory, pharmacists of research laboratories/centers, expert chemist Medical Organization</p>

I DESIGNATIONS AND ABBREVIATIONS

AMSE	– Association of Medical Schools in Europe
ESG	– Standards and Guidelines for Quality Assurance in the European Higher Education Area
CBL	– Clinical Case-Based Training
COVID-19	– CoronaVirus Disease 2019
IFMSA	– International Federation of Medical Students' Associations
PBL	– Problem-Based Learning
RBL	– Research-Based Learning
TBL	– Team-Based Learning

WFME	– World Federation for Medical Education
AMS	– Administrative and managerial staff
PRS	– Point-Rating System for Assessing Students' Progress
WHO	– World Health Organization
VolgSMU of the Ministry of Healthcare of Russia, VolgSMU, university, university	– Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation
ISAQE	– Intra-University System for Assessing the Quality of Education
SE	– State Exam
SEC	– State Examination Commission
USE	– Unified State Exam
HLS	– Healthy Lifestyle
CMPE Institute, ICMPE	– Institute of Continuing Medical and Pharmaceutical Education
IPH	– Institute of Public Health named after N.P. Grigorenko
Persons with LHC	– Persons with disabilities
Ministry of Healthcare of the Russian Federation	– Ministry of Healthcare of the Russian Federation
Ministry of Education and Science of the Russian Federation	– Ministry of Education and Science of the Russian Federation
INNO, SSS	– Youth Scientific Society
HAAP, IAAR	– Independent Accreditation and Rating Agency
RESEARCH	– Research & Development
SRW	– Scientific and research work
CME	– Continuing Medical Education
IAQE	– Independent Assessment of the Quality of Education
SSYSS	– Scientific Society of Young Scientists and Students
CPD	– Continuous professional development
SCIM	– Scientific Center for Innovative Medicines with Pilot Production

BSE	– Basic State Exam
PH	– Public Health
OE	– Organization of education
UN	– United Nations
EP, BVEP	– An educational programme or a basic vocational education programme
SAR	– Self-Assessment Report
OSCE	– Objective Structured Clinical Exam
AT	– upgrading
PMPI, branch	– Pyatigorsk Medical and Pharmaceutical Institute is a branch of the Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation
TS	– Teaching Staff
MLSTP	– Mid-level Specialist Training Program
RUSSIA	– Russian Federation
QMS	– Quality Management System
CIS	– Commonwealth of Independent States
Mass media	– Mass media
EMC	– Educational and Methodological Complex
EMC of the Faculty/ Institute	– Educational and Methodical Commission of the Faculty/ Institute
DEP	– Department of Educational Programs
FSES HE	– Federal State Educational Standard of Higher Education
FSES SVE	– Federal'nyy gosudarstvennyy obrazovatel'nyy standart srednego professional'nogo
FAT	– Valuation Fund
CEMO	– Center for Electronic Medical Education of VolgSMU
EIEP VolgSMU	– electronic information and educational portal of the Volgograd State Medical University of the Ministry of Healthcare of Russia
EIEE VolgSMU	– Electronic information and educational environment of the VolgSMU of the Ministry of Healthcare of Russia
SFD	– Southern Federal District

INTRODUCTION OF THE EDUCATIONAL ORGANIZATION

Volgograd State Medical University of the Ministry of Healthcare of Russia was founded in 1935 as the Stalingrad State Medical Institute (Decree of the Council of People's Commissars of the USSR dated 17.08.1935 No. 1818). By the Decree of the Presidium of the Supreme Soviet of the USSR of October 2, 1985, VSMI was awarded the Order of the Red Banner of Labor for its merits in the training of qualified specialists, the development of public health and medical science. In 1993, Volgograd Medical Institute was transformed into Volgograd Medical Institute. Medical Academy (Order of the Council of Ministers – Government of the Russian Federation dated 25.06.1993 No. 1127-R, Order of the Ministry of Healthcare of the Russian Federation dated 12.07.1993 No. 159). In 2003, the Volgograd Medical Academy was renamed into the State Educational Institution of Higher Professional Education "Volgograd State Medical University" of the Ministry of Healthcare of the Russian Federation (Order of the Ministry of Education of the Russian Federation dated 08.01.2003 No. 10, Order of the Ministry of Healthcare of the Russian Federation dated 11.02.2003 No. 102). In accordance with the order of the Government of the Russian Federation dated 10.09.2008 No. 1300-r, the university was assigned to the jurisdiction of the Ministry of Healthcare and Social Development of the Russian Federation. In accordance with the order of the Ministry of Healthcare and Social Development of the Russian Federation dated 28.04.2012 No. 434, the university was reorganized in the form of joining it as a separate subdivision (branch) Pyatigorsk State Pharmaceutical Academy of the Ministry of Healthcare and Social Development of the Russian Federation. By the Order of the Government of the Russian Federation dated 19.07.2012 No. 1286-r, the university was assigned to the jurisdiction of the Ministry of Healthcare of the Russian Federation. Changes in the official names of the university are presented in Appendix 2.

VolgSMU of the Ministry of Healthcare of the Russian Federation is a legal entity – a budgetary institution (non-profit organization) established in accordance with the legislation of the Russian Federation; It is a higher education institution by type and a specialized university by type. By the decision of the Administration of the Volgograd region dated 05.07.1993 No. 3531 (information on the registration of a legal entity before 01.07.2002) it was registered in [the Unified State Register of Legal Entities](#) No. 1023403441380. The founder of the university is the Russian Federation; the powers of the Founder are exercised by the Ministry of Healthcare of the Russian Federation. The activities of the university are organized in accordance with [the Charter](#) approved by the order of the Ministry of Healthcare of Russia dated 23.06.2016 No. 396, which is amended [as necessary](#). VolgSMU has a special permit ([extract from the register of licenses](#)) for the right to carry out educational activities;

[Certificate of State Accreditation](#) No. 3181 dated 10.07.2019 and two [annexes](#) to it, issued by the Federal Service for Supervision in Education and Science, giving the right to carry out educational activities within the head university in three enlarged groups of specialties of secondary vocational education, four enlarged groups of higher education training areas of the first stage - bachelor's programs, five enlarged groups specialties of higher education of the second stage – specialist programs, two enlarged groups of areas of higher education training of the second stage – master's programs, thirteen enlarged groups of specialties of higher education of the third stage – training of highly qualified personnel (of which ten groups of specialties for training scientific and pedagogical personnel in postgraduate studies and three enlarged groups of specialties for residency programs).

The total number of students at the main university at the first and second levels of higher education is 7462, (of which 2521 are foreign students). 1222 people are trained in clinical residency at the university, of which 46 are foreign citizens (Appendix 3).

The university has [10 scientific directions/scientific schools](#), 13 schools of excellence, [7](#) dissertation councils [in the parent university and](#) 1 dissertation council [in the branch](#).

The university has wide international recognition, as evidenced by the export of educational services (over the past three years, the number of foreign students has been approximately 42.6%, given in Appendix 4); there are 17 active agreements with partners from 6 countries; More than 4500 specialists with a diploma of VolgSMU work in 127 countries of the world. As part of the creation of competitive educational programs, VolgSMU signed an agreement on the implementation of joint educational programs with the Bukhara State Medical University named after Abu Ali ibn Sino (Uzbekistan) in the specialties of General Medicine, Dentistry, and Pediatrics. A project is being worked out with the Urenche branch of the Tashkent Medical Academy on SEPs in the direction of "Dentistry" and on continuing professional education programs, and the trajectory of cooperation with Jinzhou Medical University (China) is also being worked out in terms of the implementation of an educational program in the specialty of Dentistry according to the 5+0 model. Active work is underway to recognize VolgSMU diplomas in foreign countries. On 07.10.2023, a cooperation agreement was signed with the National Union of Medical Students, which is the official representative of the International Association of Medical Students - IFMSA. This association provides an opportunity to undergo internships in different countries of the world, including Russia, as well as to create local (local) committees at the university to work on the current agenda of the WHO and the UN. Since the summer of 2023, work has been resumed within the framework of the Association of International Students of Russia. There is an expansion of the geography of admission and an increase in the share of foreign students in

the total number of students. Thus, the number of students from South American countries has increased: in the 2023-2024 academic year, 17 students from South American countries (1 student from Colombia, 16 students from Ecuador) are studying at VolgSMU. As part of positioning VolgSMU as a provider of interests of regional Russian universities and companies abroad, close cooperation has been established with Jordan and India. Thus, a full range of agreements has been signed with Jordan (University of Jordan) (the last one will be in 2023), which provides opportunities for expanding cooperation, including through IFMSA. In India, VolgSMU is one of the most recognizable medical universities. Work is underway in the direction of recognition of the Faculty of Dentistry of VolgSMU, for which a dossier of the university has been prepared for sending to the Dental Council of the country. As part of the implementation of the direction for the internationalization of scientific research at VolgSMU, the issue of cooperation with the Mazandaran University of Medical Sciences (Islamic Republic of Iran) is being worked out in four areas: clinical pharmacology, medicinal chemistry, pharmacology, chemistry. Also, due to the large number of Egyptian students, work has been underway with Port Said University since 2022 to sign a cooperation agreement.

The university is represented in the following international ranking systems:

[Scimago institutions rankings \(SIR\)](#) – 569th place;

[MosIUR – Three University Missions](#) or Moscow International Ranking (Russia) – 1001st place;

It is present in [the DEQAR database](#) – the results of external quality control (contains information about accredited higher education institutions and educational programs).

PREVIOUS ACCREDITATION

Accreditation is carried out for the first time.

II. MAIN PART. COMPLIANCE WITH PROGRAM ACCREDITATION

STANDARDS

1. MISSION & RESULTS STANDARD

1.1. MISSION DEFINITION

1.1.1. Within the framework of the BVEP HE specialist in the specialty 33.05.01 Pharmacy, the Mission has been developed, constantly analyzed and updated, values are declared, which is consistent with the Mission of the University, the program of strategic development of VolgSMU.

The mission of VolgSMU is "to constantly improve the level, ensure global competitiveness by creating modern, effective conditions for education, practical training and

education of highly qualified medical, scientific, managerial personnel, the development of advanced medical technologies, the implementation of applied and fundamental research that is in demand by domestic and international professional environments."

The purpose of the strategic development program of VolgSMU is to ensure the leadership of the university in the domestic educational and scientific environment, the formation of a brand of quality, academic reputation and competitiveness in the international scientific and educational space.

Mission of the BVEP HE specialist in the specialty 33.05.01 Pharmacy: "By creating modern, effective conditions for education, practical training, education of students at the faculty, through the development of advanced pharmaceutical technologies, the implementation of applied and fundamental scientific research that is in demand by domestic and international professional environments, to train competitive specialists with higher pharmaceutical education in specialties 33.05.01 Pharmacy with an active life position, possessing high social and personal competencies, modern knowledge, practical skills, innovative thinking, in demand in the labor market, able to timely and efficiently solve problems of providing the country's population with safe and effective medicines.

The purpose of the EP is the formation and development of socio-professional, practice-oriented competence, which allows combining academic, socio-personal, professional competencies to solve problems in the field of professional and social activities; formation of professional competencies for work in the pharmaceutical healthcare sector and pharmaceutical production. To achieve the strategic goal, modern educational strategies are used in the implementation of the EP: globalization, informatization and humanization

For university staff, students and other interested parties, the accessibility of the University Mission and the EP is ensured by: posting on the official website of the university; on the information stands of the departments and in structural subdivisions; informing during meetings of the department, Faculty Councils and workshops, sending by e-mail, to students' personal accounts. Newly hired personnel are familiarized with the text of the Mission against signature in the familiarization sheet. Familiarization of representatives of practical pharmacy and other interested persons is carried out in the course of the work of the job fair, during the work of the SEC. Representatives of practical pharmacy and the public are members of the Faculty Council, the Faculty Educational and Methodological Commission and take part in the approval of the University Mission, EP and strategic plans for the development of the university and the faculty.

1.1.2. **Mission (general goals)** of the BVEP HE specialist in the specialty 33.05.01 Pharmacy:

By creating modern, effective conditions for education, practical training, education of students at the faculty, through the development of advanced pharmaceutical technologies, the implementation of applied and fundamental scientific research that is in demand by domestic and international professional environments, to train competitive specialists with higher pharmaceutical education in the specialty 33.05.01 Pharmacy with an active life position, who have high levels of social and personal competencies, modern knowledge, practical skills, innovative thinking, which are in demand in the labor market, capable of timely and high-quality solutions to the problems of providing the country's population with safe and effective medicines.

Goals and educational strategy of the EP: In the field of education, the general goals of the EP HE - the specialist program in the specialty 33.05.01 Pharmacy is the formation of social and personal qualities of students: purposefulness, organization, diligence, responsibility, citizenship, communicativeness, tolerance, improving their general culture.

In the field of education, the general goal of the Specialist's program in the specialty 33.05.01 Pharmacy is the development of students' personal qualities, as well as the formation of universal, general professional and professional competencies in accordance with the requirements of the FSES HE in the specialty Pharmacy:

- training in the basics of humanitarian, social, economic, mathematical and natural sciences and biomedical knowledge, including biomedical and environmental knowledge;

- obtaining a higher professional education that allows the graduate to successfully work in the field of practical pharmacy: to participate in the organization and implementation of the process of preparing medicines in pharmacies in accordance with the approved regulatory documents while ensuring a high level of quality; organization of control and analytical service in the conditions of pharmaceutical enterprises and organizations, to determine the stocks of medicinal plant raw materials in nature and to organize its preparation and drying, to organize the activities of pharmaceutical enterprises engaged in the circulation of medicines and the management of their structural divisions, to sell medicines and other pharmaceutical products; support of a single information space for planning and management of pharmaceutical enterprises; organization of storage of medicines and other pharmaceutical products; to carry out measures to inform the population about over-the-counter medicines, biologically active food additives, etc., to carry out information work among doctors on new medicines and their characteristics; organize the work of middle and junior pharmaceutical personnel; to motivate the population to maintain health; possess universal and subject-specific competencies that allow the development of pharmaceutical science and contribute to its social mobility and sustainability in the labor market.

1.1.3. The mission of the BVEP HE specialist in the specialty 33.05.01 Pharmacy is based, formulated, updated in accordance with modern research achievements in the field of biomedical, pharmaceutical, behavioral, social sciences, taking into account modern views on aspects of global health, regulatory documents, reports, the library of the World Health Organization and is aimed at training pharmaceutical personnel capable of solving major international health problems.

On the electronic educational portal of the university's website, in the section of electronic library systems, there is access to electronic databases of world data on pharmacy, which allows students, faculty, and researchers to receive knowledge and competencies declared in the EP Mission. With the annual updating of the EP, its sections are updated, revised taking into account modern achievements in these areas of knowledge, an examination of the actualized edition of the EP and FOS is carried out.

1.2. INSTITUTIONAL AUTONOMY AND ACADEMIC FREEDOM

1.2.1. VolgSMU of the Ministry of Healthcare of the Russian Federation uses institutional autonomy in the development of the BRI, admission of students, assessment and hiring of personnel, conducting scientific research, distribution of extra-budgetary resources of the BRI specialist in the specialty 33.05.01 Pharmacy. The use of the allocated resources necessary for the implementation of the BVEP of the specialist in the specialty 33.05.01 Pharmacy is carried out in accordance with the local legal acts of the university.

Representatives of employers, the teaching staff of the Faculty of Pharmacy, students of the Faculty of Pharmacy, through representatives in the collegial bodies of the faculty, participation in monitoring and in personal communication with the administration of the university, the Faculty of Pharmacy, teachers, have the opportunity to express their opinion about the BVEP of the specialist in the specialty 33.05.01 Pharmacy. These opinions can be taken into account by the collegial bodies of the faculty and used in updating the EP.

1.2.2. At the Faculty of Pharmacy of the VolgSMU of the Ministry of Healthcare of the Russian Federation, academic freedom is provided to students and staff of the faculty.

VolgSMU of the Ministry of Healthcare of the Russian Federation provides its employees with equal opportunities for the realization of their abilities and career growth. Stimulation of scientific activity of the teaching staff of the university is carried out at the expense of the system of internal scientific grants in accordance with the Regulations on the intra-university competition of research works, approved by the university. Order No. 1288-KO of 03.11.2020. Support of teaching staff in the preparation of applications for participation in competitions of the UMNİK program, grants from Volgograd State Medical University, the President of the Russian Federation, the Russian Science Foundation, etc.

Expansion of the involvement of teaching staff as lecturers at scientific and practical conferences at the international, all-Russian and regional levels in order to develop communication, establish scientific ties between employees of leading universities in Russia and abroad and organize joint scientific research.

In order to ensure the high quality of education and the implementation of EP, the academic mobility of teachers is actively developing at the university within the framework of [international cooperation of the university](#). To participate in academic mobility, the best teachers with the necessary high level of training are selected on the basis of an intra-university competition, additional work is carried out with the winners in the form of individual consultations.

The BVEP of the specialist degree in the specialty 33.05.01 Pharmacy within the framework of academic mobility has the following achievements:

In 2023, VolgSMU of the Ministry of Healthcare of Russia, with the active participation of the Dean of the Faculty of Pharmacy, signed a cooperation agreement between VolgSMU and Iran in the field of pharmacy with the Mazandaran University of Medical Sciences.

In 2018-2019, the head of the Department of Chemistry, which belongs to the Faculty of Pharmacy, Professor A.K. Brel gave lectures, conducted classes at the Bukhara Medical University (Uzbekistan) under the partnership agreement of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia (agreement dated 05.10.2017).

Students of the university in the BVEP specialist degree in the specialty 33.05.01 Pharmacy also have the opportunity to expand their knowledge in the study of disciplines and participate in scientific research to realize their abilities.

So, in 2023, a 5th-year student of the Faculty of Pharmacy A.I. Batsunov was sent for an internship at the international innovative full-cycle biotechnology company Biocad JSC (St. Petersburg), where, as an intern, he mastered the techniques of setting up various cell tests (in vitro) to assess toxicity, phagocytosis, apoptosis, carried out cell electroporation, drew up protocols and laboratory journals according to GLP.

5th year student Ageeva V.A. passed the federal stage of the All-Russian program "GosStart" in the Department for Control over the Implementation of State Programs in the Field of Healthcare of Roszdravnadzor and was awarded the certificate "Best Intern of the Federal Stage - 2023".

1.3. LEARNING OUTCOMES

1.3.1. Training in BVEP specialist in the specialty 33.05.01 Pharmacy is based on the competency-based approach, which is based on the acquisition by the student of the ability to solve professional problems and tasks that arise in real situations of professional activity using knowledge, professional and life experience, values and the code of ethics of a pharmaceutical worker in Russia. The acquisition of competence is carried out through the development of a set of competencies determined by the BRI: universal and general professional, established by the FSES HE, and professional, established by the BVEP of the Volgograd State Medical University of the Ministry of Healthcare of Russia, taking into account the relevant professional standards, the needs of the regional labor market, and the analysis of experience presented by the employer's representatives.

Each type of competence contributes to the formation of a competitive graduate: the formed universal competencies in readiness to work in a team, compliance with moral and ethical standards, tolerance to perceive social, ethnic, religious and cultural differences contribute to the implementation of a graduate's professional career in the field of organizational and managerial activities; formed general professional and professional competencies in the field of pharmaceutical activities of a pharmacist, career realization in the field of production, manufacture, quality control, storage and sale of medicines. The general expected competencies of graduates, where each competency is related to learning outcomes and their measurement, are presented in Appendix 2.3

1.3.2. As part of the BVEP specialist in the specialty 33.05.01 Pharmacy, a work program of education and a calendar plan of educational work are also presented to ensure the proper behavior of students. The norms of student behavior are regulated by local regulations of the university: [internal regulations of students at the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia](#); [the schedule of classes for students mastering the main educational programs at the VolgSMU of the Ministry of Healthcare of Russia](#); [Regulations on the Student Dormitory of the Federal State Government-Funded Educational Institution of Higher Education "Volgograd State Medical University" of the Ministry of Healthcare of the Russian Federation](#).

1.3.3. The correlation of the results of mastering the BRI by its components is given in the matrix of competencies of the BRI specialist in the specialty 33.05.01 Pharmacy, in which indicators of the achievement of competencies are established, taking into account the labor function of the professional standard 02.006 Pharmacist. The competency matrix is published in the EIEE of VolgSMU and is freely available to interested parties ([Annex 1. Competence Matrix of the Specialist in the specialty 33.05.01 Pharmacy](#)).

1.3.4. At all stages of mastering the BVEP specialist degree in the specialty 33.05.01 Pharmacy, students are prepared for further professional activity (after passing the initial accreditation of a specialist) or for further training in residency, master's or postgraduate studies in the chosen specialty.

1.3.5. Tools for involving students in the implementation of research projects, as well as tools for encouraging student scientific research, have been developed at VolgSMU.

1.3.6. The high demand of the modern pharmaceutical market for qualified specialists and the significant level of responsibility of pharmaceutical workers to the individual citizen and society as a whole contribute to the continuous improvement of the system of continuous professional education at the university. The uniqueness of the BVEP specialist in the specialty 33.05.01 Pharmacy lies in the fact that the task of preparing graduates for the type of professional activity of research is solved, which makes it possible to train specialists in the development and creation of new innovative drugs and is of fundamental importance for global health in terms of increasing the effectiveness of pharmacotherapy for many diseases.

1.4. PARTICIPATION IN THE FORMULATION OF THE MISSION AND LEARNING OUTCOMES

1.4.1. The procedure for developing, updating and approving the Mission and Quality Policy of the University is carried out with the participation of all stakeholders. The understanding of the needs and expectations of stakeholders is determined by the university management and is contained in the Development Program of the VolgSMU of the Ministry of Healthcare of Russia for 2022–2024.

Representatives of practical healthcare, pharmacy and the public are members of the collegial governing bodies of the university (including on the terms of external part-time) and take part in the approval of the Mission and strategic plans of VolgSMU. The collegial bodies of the university include: the Academic Council of the VolgSMU of the Ministry of Healthcare of Russia, the academic councils of faculties, institutes, educational and methodological commissions of the faculties, the Institute of Health, the Institute of NMFO, the college of VolgSMU, and as well as working groups on quality at the teaching materials of the faculties, the Institute of Health.

Academic councils of faculties and institutes, within the limits of their functions, have the right to develop, discuss and submit for consideration by the Academic Council of VolgSMU of the Ministry of Healthcare of Russia through their representatives (mainly through the heads of structural divisions - chairmen of academic councils, who are also members of the large academic council of the university) the strategy for the development of the faculty/institute, the concept of creating new departments and other divisions of the

faculty/institute (paragraph 2. 4.1 Regulations on the Academic Council of the Faculty/Institute), as well as to come up with other initiatives that contribute to the implementation of the Mission of VolgSMU and the achievement of the goal of the strategic development program of VolgSMU.

The current wording of the Mission is presented on page 13 of the Development Program of the VolgSMU of the Ministry of Healthcare of Russia for 2022–2024 (adopted by the decision of the Academic Council of the University dated 04/13/2022). In accordance with the general strategy for the development of educational institutions of higher education subordinate to the Ministry of Healthcare of the Russian Federation, this document also outlines the challenges that determine the innovative development of the university for 2022-2030. At the same time, the main challenge of the strategic The development of VolgSMU is seen in ensuring the leadership of the university in the domestic educational and scientific environment, the formation of a brand of quality, academic reputation and competitiveness in the international scientific and educational space.

1.4.2. Mission of the BVEP specialist in the specialty 33.05.01 Pharmacy is based on the opinion of all stakeholders, which is achieved thanks to the well-coordinated work of the collegial governing bodies of the university and the Faculty of Pharmacy of all levels with the participation of the Assistant Chancellor. Thus, in order to comprehensively ensure the functioning of the QMS at the Faculty of Pharmacy at the EMC of the Faculty of Pharmacy, a working group on the representatives of which take an active part in the meetings of the relevant collegial bodies. The specifics and importance of the work of the working groups on quality are clearly reflected in the presentations on the regulations of the activities of the above-mentioned collegial bodies (pages 7-8 and 7-8, respectively). All collegial bodies of the Faculty of Pharmacy include teaching staff, representatives of the employer, leading specialists in the pharmaceutical industry of the Volgograd region, employees of research organizations and students, which allows us to take into account the opinion of all stakeholders when formulating, updating the BRI Mission and expected learning outcomes

SWOT analysis according to the "Mission and Results" standard	
Strengths	Weaknesses
The mission of the university, the Quality Policy, the mission of the BVEP specialist in the specialty 33.05.01 Pharmacy, Quality goals are defined and communicated to all stakeholders	The need for further improvement of the system of formation of educational programs taking into account the opinion of students and graduates
The Development Program of the Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation has been developed, approved and is being implemented	

SWOT analysis according to the "Mission and Results" standard	
The mission of the university, the mission of the BVEP specialist in the specialty 33.05.01 Pharmacy reflects all types of activities of the university: educational, scientific, applied and the promotion of national values	
The Mission, the Quality Policy are systematically reviewed and updated with the participation of all stakeholders	
Continuity of the global Mission of the University and the Missions (common goals) of the educational programs being implemented	
The university occupies a leading position in the SFD and the Russian Federation as a whole as a supplier of highly qualified personnel, a center for the development of medical and pharmaceutical science	
Possibilities	Threats
There is a high demand in the modern labor market, including the pharmaceutical market, for qualified specialists trained by the university	Dynamic changes in the conditions of the external and internal environment of the university, the requirements of consumers and other interested parties
Interest of health authorities in the successful implementation of the University's Mission and each educational program through a variety of cooperation mechanisms	Constant change in the need for certain competencies due to technical progress and the development of information technologies used in medicine and healthcare

According to the "Mission and Results" standard, 13 criteria are disclosed, of which 13 have a strong position, 0 - satisfactory and 0 - suggests improvements.

2 EDUCATIONAL PROGRAM STANDARD

2.1. EDUCATIONAL PROGRAM MODEL AND TEACHING METHODS

2.1.1. The development of EP specialties/areas of training implemented at the FSBEI HE of the Volgograd State Medical University of the Ministry of Healthcare of Russia is carried out on the basis of the FSES HE (approved by the Ministry of Education and Science of the Russian Federation) and professional standards (approved by the Ministry of Labor of the Russian Federation) in accordance with the requirements of the federal and local regulatory framework, including the "Regulations on the Basic Professional Educational Program of Higher Education of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia".

The main professional educational program of higher education is a specialist program in the specialty 33.05.01 Pharmacy, direction (profile) Pharmacy, a form of full-time education (hereinafter referred to as the BVEP of a specialist in the specialty 33.05.01 Pharmacy), implemented by the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia, developed and approved by the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of

Healthcare of Russia, taking into account the requirements of the labor market on the basis of the federal state educational standard of higher education - a specialist in specialty 33.05.01 Pharmacy, approved by the order of the Ministry of Education and Science of Russia dated 27.03.2018 No. 219, registered in the Ministry of Justice of Russia dated 16.04.2018. No. 50789, (hereinafter referred to as the FSES HE for the specialty 33.05.01 Pharmacy) and the professional standard 02.006 Pharmacist.

[The BVEP of the specialist program in the specialty 33.05.01 Pharmacy](#) is located in the EIEE of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia.

All implemented EPs are updated annually with the mandatory participation of employees of specialized organizations, representatives of the employer and representatives of students.

The BVEP of the specialist degree in the specialty 33.05.01 Pharmacy is developed, approved and updated in accordance with the "Regulations on the Basic Professional Educational Program of Higher Education of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia".

The BRI of the specialist in the specialty 33.05.01 Pharmacy was developed by the Dean of the Faculty of Pharmacy, representatives of the employer with methodological support by the Department of Educational Programs of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia, taking into account the opinion of leading employees of pharmaceutical organizations of the city of Volgograd and representatives of students. The BRI was discussed by the Educational and Methodological Commission of the Faculty of Pharmacy and approved by the Academic Council of the Volgograd State Medical University of the Ministry of Healthcare Russia.

The current [BVEP of the specialist program in the specialty 33.05.01 Pharmacy](#) was first introduced in 2019 and placed in the EIEE of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia.

The latest update [of the BVEP specialist in the specialty 33.05.01 Pharmacy was approved at a meeting of the Academic Council](#) of the Volgograd State Medical University of the Ministry of Healthcare of Russia, (Minutes No. 1 dated 08/30/2023) and is available in the EIEE of the Volgograd State Medical University of the Ministry of Healthcare of Russia.

BVEP of the specialist in the specialty 33.05.01 Pharmacy is a set of basic characteristics of education (volume, content, planned results), organizational and pedagogical conditions, forms of certification, which is presented in the form of a curriculum, a calendar educational schedule, educational and methodological complexes of disciplines (modules) and practices, including work programs, assessment and methodological materials, as well as a work program of education, a calendar plan of educational work. forms of attestation on it.

The curriculum of the BVEP specialist in the specialty 33.05.01 Pharmacy is presented in Appendix 3. The BVEP of the specialist in the specialty 33.05.01 Pharmacy in the EIEE of the [Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia, the structure of the curriculum of the BVEP specialist in the specialty 33.05.01 Pharmacy is given in Appendix 2.1](#).

BVEP of the specialist in the specialty 33.05.01 Pharmacy is a set of basic characteristics of education (volume, content, planned results), organizational and pedagogical conditions, forms of certification, which is presented in the form of a curriculum, a calendar educational schedule, educational and methodological complexes of disciplines (modules) and practices, including work programs, assessment and methodological materials, as well as a work program of education, a calendar plan of educational work. forms of attestation on it.

The BVEP of the specialist in the specialty 33.05.01 Pharmacy is built linearly and implies the simultaneous study of several disciplines during each semester. The EP adheres to the principle of continuity and continuity in the teaching of disciplines.

The BVEP of the specialist in the specialty 33.05.01 Pharmacy is integrated horizontally (continuity of disciplines by semesters) and vertically (continuity in the content of training), which allows you to provide interconnections between basic, humanitarian and profile/clinical disciplines and practices, which is very important for the formation of students' motivation and interest in the basic disciplines studied.

Educational and industrial practices are held in a dispersed and concentrated format, according to the logic of development and the possibilities of optimal use of the available material and technical base. Integrated training helps future pharmacists gather facts into a single chain to develop a holistic approach to solving professional problems.

Upon completion of the entire period of study and successful passing of the state final certification, the graduate is awarded a diploma of higher education with the qualification of "pharmacist". The form and procedure for issuing a diploma of higher education and its

supplement is established by the order of the Ministry of Education and Science of Russia dated 27.07.2021 No. 670 ["On approval of the Procedure for filling, recording and issuing documents on higher education and qualifications, supplements to them and their duplicates"](#). [Samples of bachelor's, specialist's, master's diplomas and supplements to them are established by](#) the order of the Ministry of Education and Science of Russia dated 22.07.2021 No. 645 "On Approval of Samples and Description of Documents on Higher Education and Qualifications and Appendices to Them".

2.1.2. Implementation of the BRI is carried out using teaching and learning methods based on the modern theory of adult learning. The learning process is built on the basis of joint activities of students and trainers. An andragogical model of teaching is used, where the leading role belongs to the student himself as an equal subject of the learning process (Appendix 2.2). The main characteristic of the learning process is the process of independent search for knowledge, skills, and qualities. Independent work of students has been introduced into the educational process as a mandatory component.

Both traditional and innovative methods and forms of teaching and learning are used in the EP learning process. Active forms and methods of organizing training sessions are widely used: lectures-visualizations and video lectures, game methods (business, role-playing games), PBL, TBL, CBL, RBL. Modern information technologies are widely used. For more successful mastering of the educational material by students at the [Electronic information and educational portal of the VolgSMU of the Ministry of Healthcare of Russia](#) has created electronic courses for each academic discipline.

Training in the BVEP specialist degree in the specialty 33.05.01 Pharmacy is based on the competency-based approach, which is based on the acquisition by the student of the ability to solve professional problems and tasks that arise in real situations of professional activity using the knowledge, professional and life experience, values and code of ethics of a pharmaceutical worker in Russia. The acquisition of competence is carried out through the development of a set of competencies established by the EP: universal (MC) and general professional (MIC) established by the FSES HE, and professional (AT) established by the EP of the VolgSMU of the Ministry of Healthcare of Russia, taking into account the relevant professional standards (PS) and the analysis of experience presented by the employer's representatives (Appendix 2.3).

As a result of mastering the BVEP specialist in the specialty 33.05.01 Pharmacy, all the competencies established by the FSES HE of the specialist in the specialty 33.05.01 Pharmacy and the BVEP specialist in the specialty 33.05.01 Pharmacy should be formed.

For each competence in the BVEP of the specialist in the specialty 33.05.01 Pharmacy, indicators of their achievement are established, taking into account the labor function of the professional standard 02.006 Pharmacist (Table 5 of the BVEP of the specialist in the specialty 33.05.01 Pharmacy).

All disciplines and practices of the BVEP specialist in the specialty 33.05.01 Pharmacy contribute to the formation of the student's competence, forming certain competencies and indicators of their achievement. The correlation of the results of the EP development with its components is presented in the competence matrix – Appendix 1. BVEP specialist in the specialty 33.05.01 Pharmacy and [is available in the EIEE of the](#) Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia.

According to the competency matrix, the results of mastering competencies are correlated in the work programs of disciplines and practices with the subject learning outcomes (specific knowledge, skills and abilities (work experience)) and are checked and evaluated during the current and intermediate certification of students ([tables 2,3,4 of the BVEP of the specialist in the specialty 33.05.01 Pharmacy](#)).

The sequence of studying disciplines is determined by the succession of the acquired competencies and the stages of their formation. So, at the beginning of their studies, students study mainly basic and humanitarian disciplines, as they accumulate knowledge, moving on to profile/clinical disciplines in their senior years. The number of hours in disciplines and their ratio are established by the curriculum of the EP in accordance with the requirements of the regulatory framework, the experience of implementing the EP and the needs of employers. The duration of the disciplines corresponds to the amount of studied educational material necessary to obtain all the necessary knowledge, skills and abilities (experience of activity).

The classroom load of a student of the BRI specialist in the specialty 33.0501 Pharmacy is on average 6 academic hours per day, which is the optimal technically feasible load that allows you to comfortably master the required amount of material. The main forms of training are lecture-type classes (2 academic hours) and seminar-type classes (practical, laboratory, seminars) (2, 4 or 6 academic hours), organized in a traditional way (weekly schedule). Training in the EP is practice-oriented: the ratio of lectures and seminar-type classes is on average 1:3, which is regulated by the curricula for the EP. An indispensable component of mastering disciplines is also the independent work of students, aimed at developing the skills of planning their work, managing their time, and the ability to self-organize.

Primary professional skills are consolidated during the period of educational internships, professional practical training is organized during the period of industrial internships on the basis of specialized institutions and healthcare organizations in accordance with [the "Regulations on the practical training of students in professional educational programs of medical or pharmaceutical education in the Federal State Government-Funded Educational Institution of Higher Education "Volgograd University" State Medical University" of the Ministry of Healthcare of the Russian Federation"](#).

2.1.3. VolgSMU of the Ministry of Healthcare of the Russian Federation provides educational services based on the principles of equality and universal access to education, regardless of nationality, race, gender, political beliefs and religious views.

Work is constantly underway to create and maintain an educational environment for people with disabilities and persons with disabilities (accessibility of the surrounding area, entrance routes, ways of movement inside the building (ramps, elevators) is ensured, information plates and boards, alarm and warning systems are installed, sanitary and hygienic rooms, special places in classrooms are equipped, the presentation of educational content is appropriately adapted).

The education of foreign citizens, the share of which is growing (information is presented in Appendix 2.4), is carried out according to the same educational standards as domestic students. Foreign citizens are given the right to choose the language of instruction (Russian or English as an intermediary language), which is chosen by the applicant at the stage of admission to the university (indicated by the applicant in the application and then recorded in the contract concluded with the student for the provision of educational services).

The system for assessing the progress of students at all stages of mastering the EP is objective and unbiased and is implemented in accordance [with the "Regulation on the forms, frequency, procedure for conducting current monitoring of academic progress and intermediate certification, as well as on the point-rating system for assessing the progress of students of the VolgSMU of the Ministry of Healthcare of Russia"](#). If students do not agree with the results of the attestation tests, the student's right to appeal is exercised.

Students are granted all the academic rights enshrined in Federal Law No. 273-FZ of 29.12.2012, including the provision of conditions for learning, taking into account the peculiarities of their psychophysical development and state of health; to study according to an individual curriculum, including accelerated training; to participate in the formation of the content of their professional education; a choice of elective and elective disciplines; to credit the results of mastering academic subjects, courses, disciplines (modules), practice, additional educational programs received in other organizations engaged in educational activities; to

switch from paid education to free education; transfer to another educational organization; to be reinstated for education; free use of library and information resources, educational, industrial, scientific base of an educational organization; for the use, in accordance with the procedure established by local regulations, of the medical and recreational infrastructure, cultural facilities and sports facilities of the educational organization.

2.1.4. At VolgSMU of the Ministry of Healthcare of Russia, students have access to a full cycle of medical education (specialist-residency-postgraduate-doctoral studies) in several dozen specialties, as well as non-medical education (bachelor's-master's-postgraduate-doctoral) in a number of areas of training (a [list of EPs of different levels implemented by the FSBEI HE of the Volgograd State Medical University of the Ministry of Healthcare of Russia](#)).

The design of the educational process of postgraduate education is carried out annually on the basis of applications for training from health care authorities and organizations, organizations of non-state ownership and individuals in accordance with their training needs. The consolidated plan for advanced training and retraining of managers and healthcare specialists is approved by the Vice-Chancellor for the Development of Regional Health Care and Medical Activities for a calendar year. Every year, the Department of Continuing Professional Education organizes more than 400 groups of students, in which more than six thousand people are trained.

2.2. SCIENTIFIC METHOD

2.2.1. Special attention is paid to the formation of a specialist degree in the specialty 33.05.01 Pharmacy of an integral system of modern knowledge, ideas about the principles and methods of conducting scientific research, scientific forecasting and engineering of scientific processes in the field of development, creation of new innovative domestic medicines, because according to paragraph 1.13 of the FSES HE in the specialty 33.05.01 Pharmacy, students are prepared to solve several problems professional activities, including research tasks.

The principles of scientific thinking, including methods of analytical and critical thinking, and scientific research methods in the BVEP specialist in the specialty 33.05.01 Pharmacy are instilled in students from the first year. At the same time, during the entire period of study in the EP, disciplines and practices are implemented aimed at the formation and development of the principles of scientific methodology, including methods of analytical

and critical thinking, synthesis and systematization of the data obtained, which is achieved by mastering both basic and humanitarian, profile/clinical disciplines and practices.

The curriculum of the BVEP specialist in the specialty 33.05.01 Pharmacy also provides for an elective discipline that teaches the basics of building scientific research - "Fundamentals of research work and project management", "Methods of experimental study of the molecular basis of action of drugs", "Methodology of preclinical and clinical studies of medicines" and there is an industrial practice "Research work".

The objectives of this type of practice are to provide students with practical skills and abilities necessary to apply the methods and principles of scientific research in their future professional activities in the creation of new domestic medicines.

This type of practice is carried out on the basis of the Center for Innovative Medicines of VolgSMU and the Simulation Pharmacy of VolgSMU, which allow students to engage in scientific research in its modernly equipped laboratories within the framework of the work of student scientific societies of the departments of the Faculty of Pharmacy in various areas: pharmacology, pharmacognosy, pharmaceutical technology, pharmaceutical chemistry, management and economics of pharmacy.

The formation of scientific thinking in students is facilitated by active involvement in research work. The main activity in this area takes place within the framework of the YSS. The structure of the MNO is based on the "primary" elements – the MNO of the departments. The results of students' research work are presented at conferences at the VolgSMU of the Ministry of Healthcare of Russia, other universities in the Russian Federation and abroad (CIS countries and far abroad) (information is presented in Appendix 2.5). The main results of the research are published in collections of conference materials, scientific and scientific-practical publications in the Russian Federation and abroad.

VolgSMU of the Ministry of Healthcare of the Russian Federation strives to create a multifaceted environment (research laboratories, access to electronic library systems, etc.) that stimulates the development of students' cognitive activity and the implementation of interdisciplinary scientific research.

VolgSMU has developed tools for involving students in the implementation of research projects, as well as tools for encouraging student scientific research.

[The Scientific Society of Young Scientists and Students \(SSYSS\) of VolgSMU](#) plays a major role in attracting students and young scientists to research work at the departments of the university. SSYSS VolgSMU conducts interuniversity, regional, all-Russian and international scientific events, as well as informs about planned all-Russian and international conferences and scientific competitions and organizes the participation of students and young

scientists of VolgSMU, including competitions of scientific Projects. On the basis of the SSSYSS of VolgSMU, the "[School of Young Researchers](#)" (SMI) has been created and is actively working, in which any student can gain knowledge on the methodology of research activities, etc.

In the point-rating system for assessing students in disciplines and practices, scientific achievements are taken into account as bonuses (page 15 of the "[Regulations on the forms, frequency, procedure for conducting current monitoring of academic progress and intermediate certification, as well as on the point-rating system for assessing the progress of students of the VolgSMU of the Ministry of Healthcare of Russia](#)"). Students' research work is also taken into account when awarding scholarships of the President and the Government of the Russian Federation, personal scholarships, scholarships established by the Volgograd State Medical University of the Ministry of Healthcare of Russia.

2.2.2. In order to improve the level of fundamental training of students at VolgSMU of the Ministry of Healthcare of Russia, a system has been developed for the introduction of personal scientific developments of teaching staff into the educational process and into the practice of health care and pharmacy (information from a scientific article, conference materials, a rationalization proposal or instructions for the use of new methods of prevention, diagnosis, treatment, rehabilitation or organizational forms of work). For example, in the discipline "Pharmacology", 10 scientific developments have been introduced into the educational process.

2.3. BASIC DISCIPLINES AND PRACTICES OF THE SPECIALIST DEGREE IN THE SPECIALTY 33.05.01 PHARMACY

2.3.1. Fundamental scientific knowledge forms the basis of teaching basic disciplines and underlies the formation of students' systematic scientific knowledge necessary for further study of specialized/clinical disciplines. Practices classified as basic consolidate the knowledge, skills and abilities (experience of activity) acquired by students as a result of mastering basic disciplines, develop practical skills and contribute to the comprehensive formation of the necessary competencies. Basic disciplines and practices included in the BRI of the specialist program in the specialty 33.05.01 "Pharmacy" are presented in Appendix 2.6.

The curricula of basic disciplines and practices provide for their integration within the block of basic disciplines and practices. For example, knowledge of the disciplines "Anatomy", "Normal Physiology", "Pathology", "Pharmacology" allows you to master the basic disciplines of "Clinical Pharmacology" and is necessary for training practice in first aid.

The knowledge, skills and abilities (experience of activity) gained during the study of basic disciplines and practices allow students to successfully move on to the study of

specialized/clinical disciplines. The practical skills acquired by the student in each individual discipline (e.g., the technique of performing qualitative and quantitative chemical analysis of substances, the interpretation of the results obtained, the use of analytical instruments, computer applications, etc.) lay the foundation for professional knowledge.

Thus, without knowledge of the structure of chemical compounds, the peculiarities of the course of chemical reactions, the reactivity of compounds obtained during the study of the disciplines "Chemistry of Biogenic Elements", "Organic Chemistry", "Analytical Chemistry", "Medical Biochemistry", it is impossible to master such specialized disciplines as "General Pharmaceutical Chemistry", "Fundamentals of Design and Chemistry of Drugs", "Methods of Pharmacopoeial Analysis", "General Pharmaceutical Technology", etc.

2.3.2. Actualization of scientific knowledge and integration of basic disciplines with profile/clinical disciplines, familiarization with the field of scientific and clinical developments, is achieved through the study of elective and optional disciplines, where students are introduced to scientific achievements that have applied importance for clinical practice. Thus, in the block of basic disciplines and practices of the Specialist's programme in the specialty 33.05.01 Pharmacy, optional disciplines have been introduced, for example, the discipline "Artificial Intelligence Systems" and elective disciplines "Methodology of Preclinical and Clinical Studies of Drugs", "Molecular Regulation of Metabolism and Cell Cycle", etc.

Annual updating of the EP makes it possible to include information about the latest scientific, technological and clinical developments in the relevant professional field in the study of basic disciplines and practices. This is reflected in the lists of [literature for the study of disciplines](#), lists of professional databases, information reference systems, and electronic educational resources, in the renewal of the material and technical base through the acquisition and use of modern equipment in the educational process.

2.4. HUMANITIES DISCIPLINES OF THE SPECIALIST DEGREE IN THE SPECIALTY 33.05.01 PHARMACY

2.4.1. The process of formation of any specialist is impossible without socially-oriented training of students. Humanities such as "History of Russia", "Fundamentals of Russian Statehood", "History of Pharmacy", "Philosophy", "Bioethics", "Psychology" are included in the EP of the specialty and are mandatory for study and are presented in Appendix 2.7.

The study of these disciplines contributes to the formation and strengthening of knowledge and skills for understanding the socio-economic, demographic and cultural causes of the emergence, spread and consequences of problems in the field of health care and

pharmacy. They are aimed at gaining knowledge about the state of the national health care system and the rights of patients, as well as contributing to the proper implementation of future professional activities, effective communication, and making managerial decisions in accordance with ethical standards.

Thus, the contribution to the educational process of the complex of humanities makes it possible to meet the existing needs in the field of health care and pharmacy, individual medical and pharmaceutical communities, to preserve and strengthen public health and to carry out effective professional communication, to make timely and correct decisions, to comply with ethical, deontological and legal norms in professional pharmaceutical activities.

The analysis of the humanities disciplines in the EP shows their relationship with professional/clinical disciplines, since the content reflects both socio-cultural and professional aspects related to the field of pharmacy. For example, the study of the humanities disciplines "Introduction to Pharmaceutical Terminology", "Latin Language", "Foreign Language" are necessary to train a modern specialist who meets the requirements of employers.

2.4.2. The disciplines of the humanities block are also updated annually, additions and changes to the existing curricula take into account the changing demographic and cultural conditions, the needs of society and the health care and pharmacy systems.

An integral component of educational activities in the implementation of EP is education. It is systematic, planned and continuous in nature and is an activity aimed at the development of the personality, the creation of conditions for the self-determination and socialization of the student on the basis of socio-cultural and spiritual and moral values, rules and norms of behavior accepted in society in the interests of the individual, family, society and the state. Within the framework of each EP, a work program of education has been approved, which defines the principles, methodological approaches, goals, objectives, directions, forms, means and methods and the planned results of educational work with students, taking into account the specifics of professional training in a particular EP. In order to implement the work programme of education, a plan of educational work with pupils is developed and approved annually, which presents activities within the framework of the main areas of education (civic, patriotic, spiritual and moral, physical, cultural and creative, professional and labour, scientific and educational, environmental)

[The work program of education, the calendar plan of educational work on the EP Pharmacy](#) were presented in the EIEE of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia.

2.5. PROFILE/ CLINICAL DISCIPLINES AND PRACTICES OF THE SPECIALIST IN THE SPECIALTY 33.05.01 PHARMACY

2.5.1. Acquisition of sufficient knowledge, formation and development of professional competencies for the implementation of measures related to strengthening public health, disease prevention and modern pharmaceutical care to the population is carried out through the training of students in profile/clinical disciplines and practices and are given in Appendix 2.8.

The study of profile/clinical disciplines in the BVEP specialist degree in the specialty 33.05.01 Pharmacy is characterized by consistency, logical connection between disciplines and their content, scientific nature and the development of the necessary competencies. The content of the work programs of profile/clinical disciplines is informative, and gives an opportunity to develop the student as a future specialist in the field of pharmacy, includes a set of knowledge and skills, professional competencies for training in accordance with the goals and objectives of higher pharmaceutical education.

In the course of teaching specialized disciplines, the teaching staff constantly updates lecture courses, methodological materials for conducting practical classes with students, taking into account new domestic and world achievements in the professional field, which occurs through the procedure of annual updating. Practical classes in specialized/clinical disciplines are focused on the acquisition of knowledge, skills and abilities in the course of solving various professional problems. This approach ensures that students receive the necessary competencies and skills for professional activities.

The teacher's attention is focused on the transition from the process of knowledge transfer to the formation of professional competencies and communication skills. Professional competencies reflect the ability and readiness of graduates to participate in pharmaceutical, expert-analytical, organizational, managerial, research professional activities of a specialist.

2.5.2. In order to improve the quality of practical training of students at the Faculty of Pharmacy of the VolgSMU of the Ministry of Healthcare of Russia, the Simulation Pharmacy of VolgSMU was opened in 2021 on the basis of the Center for Electronic Medical Education of VolgSMU (CEMO). Such a site is a miniature simulated version of a pharmaceutical enterprise with a full production cycle, which has areas for receiving, storing and shipping goods, laboratories for pharmacy and factory production of medicines, distillation and sterilization rooms, a control and analytical laboratory, sales halls with open and closed forms of displaying goods, and a simulated first aid area.

The simulation pharmacy of VolgSMU has become a successful educational platform of the Faculty of Pharmacy for conducting practical classes in the specialty 33.05.01

Pharmacy (specialist level), practicing practical skills and abilities in disciplines specialized for the future pharmacist, implemented by educational and production practices, including industrial practice - research work of students and the implementation of extracurricular independent work of students of the pharmaceutical within the framework of the School of Professional Excellence "Pharmaceutical Club".

2.5.3. The number of hours in profile/clinical disciplines and practices is established by the curriculum of the BVEP specialist in the specialty 33.05.01 Pharmacy and is presented in Appendix 2.8.

2.5.4. Internships from the block of profile/clinical disciplines are carried out at [18 bases of practical training](#), with which the Federal State Government-Funded Educational Institution of Higher Education of the VolgSMU of the Ministry of Healthcare of the Russian Federation has concluded agreements that determine the areas and equipment used in the training process, allowing to fully master the EP. Students are instructed in occupational health and safety, practical skills are practiced under the supervision of a teacher during practical classes and immediate supervisors of the internship from the internship bases during the internship period. Appropriate attention is paid to the safety of the patient and visitors of pharmacy organizations during the student's work in the conditions of a clinical base or pharmacy organization.

2.5.5. Upon completion of the study of profile/clinical disciplines and practices, all competencies must be formed for students in the specialty 33.05.01 Pharmacy. This is checked and confirmed by the student when passing the state final certification, during the state exam.

The system of certification of students, including the state final certification, is constantly being improved in order to achieve the most complete and objective assessment of the professional competence of the graduate.

2.5.6. One of the priority areas for the development of educational technologies is innovative practice-oriented training. Starting from the 1st semester of the 1st year, the educational process in the format of practical training and master classes by leading specialists in the pharmaceutical industry of the region is carried out on the basis of the Simulation Pharmacy of VolgSMU, specialized institutions and organizations of the region for pharmacy, as well as historical and pharmaceutical museum sites in the discipline "Introduction to the specialty. Circulation of Medicines", as well as on educational practice (pharmaceutical propaedeutic practice). The simulation pharmacy of VolgSMU is a unique platform for practicing practical skills at the faculty and is a miniature simulated version of a pharmaceutical enterprise of a full production cycle.

In 2021, the Center for [Electronic Medical Education \(EMO\)](#) was opened in the [structure of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia](#), where practical training of students, residents and practitioners is successfully carried out in accordance with their professional standard in the latest medical and diagnostic technologies, as well as the development of basic medical skills in specialties to automatism.

2.5.7. Students in the process of mastering the BVEP specialist degree in the specialty 33.05.01 Pharmacy form responsibility for their own health, acquire the ability to develop hygienic skills and skills for monitoring environmental and industrial factors and other production skills in accordance with a specific stage of the training program, integrated both horizontally and vertically: for example, the disciplines of the first and second years contain sections of general hygienic education (disciplines "Hygiene", "Life Safety", "Physiology", "Microbiology", "Assessment of the Functional State of the Human Body"). These skills are consolidated in the disciplines "Pharmaceutical Ecology", "Disaster Medicine" and practices: educational practice (practice in first aid).

2.6. STRUCTURE OF THE EDUCATIONAL PROGRAM, CONTENT AND DURATION

2.6.1. In the structure of the BVEP specialist in the specialty 33.05.01 Pharmacy, the following are also distinguished:

- characteristics of the graduate's professional activity;
- requirements for the results of the EP development;
- the content and organization of the educational process in the implementation of the EP;
- conditions for the implementation of the EP;
- characteristics of the environment of VolgSMU of the Ministry of Healthcare of Russia, ensuring the development of universal competencies and social and personal qualities of graduates;
- assessment of the quality of educational activities and training of students in the EP;
- features of the organization of the educational process on EP for people with disabilities and persons with disabilities.

The content of the EP is determined by the working group for the development of the EP of the VolgSMU of the Ministry of Healthcare of Russia in accordance with the requirements of the FSES HE and PS of the relevant specialty/field of training.

The term of mastering the BVEP specialist degree in the specialty 33.05.01 Pharmacy is 5 years.

The implementation of the BRI is carried out in person.

The labor intensity of the BVEP training of a full-time specialist, including when studying according to an individual curriculum, for an academic year does not exceed 70 credit units (with accelerated training - no more than 80 credit units), for the entire period of study is equal to 300 credit units. One credit unit corresponds to 36 hours. The labor intensity of mastering the BRI by a student includes all types of workload according to the curriculum of the BRI.

In accordance with the requirements of the FSES HE, the BRI specialist in the specialty 33.05.01 Pharmacy consists of three blocks: block 1 - disciplines (modules), block 2 - practice, block 3 - state final certification.

The structure and scope of the BVEP specialist in the specialty 33.05.01 Pharmacy are presented in the table:

Structure of the BRI		The volume of the BRI and its blocks in the CU		
		A real BRI		
		FSES HE	for 2019, 2020, 2021, 2022 admissions	For 2023 Admissions
Block 1	Disciplines (modules)	not less than 210	246	246
Block 2	Practice	At least 42	51	51
Block 3	State Final Attestation	3-9	3	3
Scope of BRI		300	300	300
The volume of the mandatory part of the BRI excluding the volume of the state final certification, of the total volume of the BRI, %		At least 60	86	85

2.6.2. The structure of the BVEP specialist in the specialty 33.05.01 Pharmacy includes a mandatory part and a part formed by the participants of educational relations and is presented in Appendix 2.1.

The EP provides for the study of elective and optional disciplines, the topics of which are determined during the development of the EP, taking into account the opinion of students involved in the development of the EP. Students' choice of elective and optional disciplines provides a personalized approach to learning, allows them to realize their professional interests and receive in-depth training in a particular area of their future professional activity.

Disciplines (modules), practices of the compulsory part, as well as compulsory disciplines of the part formed by the participants of educational relations are mandatory for mastering.

Elective disciplines (modules), elective disciplines (modules) and specialized disciplines (modules) are chosen by the student for study, included in his individual educational trajectory and become mandatory for mastering by this student.

The existing structure of training of a student in the specialty 33.05.01 Pharmacy provides a sequence of presentation of educational material, acquired knowledge, skills, abilities (work experience) and integration of disciplines both horizontally and vertically. An example of horizontal integration is the study by students in the discipline "Leading to the specialty. Circulation of Medicines" structure, tasks, functions, features of the functioning of the wholesale and retail link of the pharmaceutical market and the topic "My future profession" within the discipline "Foreign Language". Horizontal integration is also characteristic of the study of profile/clinical disciplines, for example, the legal and moral and ethical basis of pharmaceutical consulting and information is studied in the discipline "Pharmaceutical Information" and Confidentiality in the work of a pharmacist is taught by the discipline "Legal Foundations of the Pharmacist's Activity".

2.6.3. Vertical integration can be traced in the use of already acquired knowledge, skills and abilities, for example:

- In the course of studying the discipline "Latin language", students acquire knowledge about the names of medicinal plants and forms of medicines, which is subsequently used in the study of the disciplines "Botany" and "Pharmacognosy", as well as in the course of the educational practice "Practice in pharmacognosy";

- the discipline "Latin language" also introduces students to the types, structure and standard formulations in Latin, and this knowledge is necessary for the future study of the disciplines "Pharmacology" and "Pharmaceutical Information", which is strengthened by the development of practical skills in the course of the internship "Practice in Pharmaceutical Consulting and Information";

- the study of the discipline "Anatomy" provides knowledge for further study of the disciplines "Physiology", "Pathology", and the knowledge gained makes it possible to apply this knowledge in the disciplines "Clinical Pharmacology", "Toxicology";

- Knowledge about the structure of protein molecules, their chemical properties, acquired in the course of studying the discipline "Organic Chemistry" makes it possible to study the regulation of enzyme activity in the classes of the discipline "Medical Biochemistry", etc.

2.6.4. Throughout the entire period of study, students have access to a choice of elective and optional disciplines in accordance with their professional interests. In 2023, professional tracks have been created in the curricula of all EPs – a special system for organizing elective disciplines in the senior years of study for in-depth preparation for work in a particular area of future professional activity and, accordingly, a better implementation of an individual educational trajectory (information is presented in Appendix 2.9).

2.6.5. Within the framework of complementary medicine, according to the BRI curriculum, students study the discipline "Medicines from natural raw materials". Also, the BRI takes into account the opinion of the WHO, which recommends more use of treatments with proven efficacy in medical and pharmaceutical practice, therefore, within the framework of the discipline "Clinical Pharmacology", students study the module "Evidence-Based Medicine". The curriculum of the BRI includes the disciplines "Hygiene", "Pharmaceutical Ecology" and "Psychology", which makes it possible to form students' competencies in assessing the impact of the environment, technogenic production loads, and the social situation on the health of the population

2.7. PROGRAM MANAGEMENT

2.7.1. Management (planning, development, organization and control of implementation) of the EP is carried out in accordance with the "Regulations on the Basic Professional Educational Program of Higher Education of the Federal State Government-Funded Educational Institution of Higher Education of the VolgSMU of the Ministry of Healthcare of Russia". At the university-wide level, the management of the EP is carried out by the Chancellor's Office, the Academic Council of the VolgSMU of the Ministry of Healthcare of the Russian Federation, the Department of Educational Programs, the Academic Department, the Student Council, at the level of faculties/institutes – councils and Educational and methodological commissions of faculties/institutes (as well as working groups on quality created under them), deans of faculties, director of the institute, heads of educational programs, heads of departments.

2.7.2. The development of the BVEP specialist in the specialty 33.05.01 Pharmacy is carried out in strict accordance with the requirements of the federal and local regulatory framework. Representatives of the dean's office, departments, employers and students of the Faculty of Pharmacy take part in the development and subsequent updating of the EP.

Discussion of the content of disciplines and practices that make up the curriculum of the BVEP specialist in the specialty 33.05.01 Pharmacy takes place at the level of the implementing department, then the educational and methodological commission of the Faculty of Pharmacy, which includes, among others, representatives of the employer and students. Their participation in the discussion of the content of the EP increases the level of professionally oriented training.

Quality control of training in the BVEP specialist degree in the specialty 33.05.01 Pharmacy is carried out in accordance with the requirements of the internal system for assessing the quality of education (ESOQ) implemented at the Federal State Government-

Funded Educational Institution of Higher Education of the Ministry of Healthcare of Russia and is implemented at various levels:

quality control of educational and methodological support through assessment of the quality and availability of literature, teaching aids, electronic information resources;

control of material and technical support (equipment with computer equipment, laboratory and simulation equipment);

assessment of staffing (compliance of the qualification of teaching staff with the qualification requirements; the share of teaching staff conducting scientific, educational, methodological and (or) practical work corresponding to the profile of the discipline taught; the share of teaching staff from among persons who are managers and (or) employees of other organizations engaged in labor activities in the professional field corresponding to the professional activity for which graduates are being trained; the share of teaching staff with an academic degree and (or) an academic rank).

analysis of the results of academic performance, identification of the causes of violations of academic discipline and low academic performance, development of measures to increase the motivation of students to study (at meetings of the rectorate, academic council, councils of faculties/institutes, departments, elders);

functioning of the EIEE of VolgSMU and the use of modern information and communication technologies (access to curricula, work programs of disciplines, practices, electronic educational publications and electronic educational resources, the formation of an electronic portfolio of a student, recording the course of the educational process, the results of intermediate certification and the results of mastering the EP, interaction between participants in the educational process, including synchronous and (or) asynchronous interaction via the Internet).

2.7.3. In accordance with the requirements of the FSES HE in the specialties implemented at the university, at least 10 percent of the number of teaching staff of the Organization involved in the implementation of Specialist's, Master's, Residency programs, and persons involved by the Organization in the implementation of Specialist's, Master's, and Residency programs are involved in the process of training in the BRI of a specialist in the specialty 33.05.01 Pharmacy on other terms (based on the number of substituted rates, reduced to integer values), [are managers and \(or\) employees of other organizations engaged in labor activities in the professional field corresponding to the professional activity for which graduates are being trained.](#)

All collegial bodies of the Faculty of Pharmacy include teaching staff, representatives of the employer, leading specialists of the pharmaceutical industry of the Volgograd region,

employees of research organizations and students, which makes it possible to ensure that the opinions of all interested parties are taken into account in the methodological support of the BRI and its updating.

2.7.4. Within the framework of the current HSCO, annual monitoring of the satisfaction of all participants in relations in the field of education with the conditions and quality of educational activities is carried out. Based on the results of the test and examination sessions, a quantitative and qualitative analysis of the academic performance of students is carried out.

Collegial bodies of the Faculty of Pharmacy: the Educational and Methodological Commission, the Quality Working Group, the Faculty Council on an ongoing basis analyze the results of a survey of students, faculty, graduates of the BRI, the results of the initial accreditation of graduates, discuss current trends in the development of the pharmaceutical market, the achievements of pharmaceutical science, which allows you to plan and introduce innovations during the annual updating of the BRI.

The university's EP management system is effective and allows for timely implementation of a set of corrective measures to improve the quality of students' training.

2.8. RELATIONSHIP TO MEDICAL AND PHARMACEUTICAL PRACTICE AND THE HEALTH CARE SYSTEM

2.8.1. The content of the BVEP specialist in the specialty 33.05.01 Pharmacy is focused on the future professional activity of the graduate. The Dean's Office of the Faculty of Pharmacy of the Volgograd State Medical University of the Ministry of Healthcare of Russia regularly monitors the needs of pharmaceutical enterprises in the region for personnel and the general situation in the healthcare system, which, taking into account the direct opinion of employees of specialized organizations and representatives of the employer involved in the development and updating of the EP, is reflected in the modification of the EP.

The acquisition of practical skills and practical experience by students is carried out when studying the following disciplines: general pharmaceutical technology; General Pharmaceutical Chemistry; in pharmacopoeial analysis methods; private pharmaceutical technology; fundamentals of biotechnology; toxicological chemistry; biopharmacy; Pharmacognosy; Pharmacology; clinical pharmacology; special pharmaceutical chemistry, pharmaceutical marketing; Pharmaceutical Information, Pharmaceutical Logistics, Management and Economics of Pharmacy.

In the formation of the graduate's competencies, an important role is played by practical activities within the framework of real pharmaceutical organizations, research centers and the Simulation Pharmacy of VolgSMU, which is successfully achieved thanks to

educational and industrial practice. To gain experience in practical pharmaceutical activities, students undergo practical training: practice in quality control of medicines; Pharmaceutical Technology Practice; practice in management and economics of pharmacy organizations; Pharmaceutical Consulting and Information Practice. The BVEP of the specialist in the specialty 33.05.01 Pharmacy provides for the correlation of practical skills with the level and volume of theoretical knowledge, strict adherence to the principles of integration vertically and horizontally.

On the basis of the Simulation Pharmacy of VolgSMU there is a school of professional excellence - "Pharmaceutical Club", which has become a favorite dialogue professional and educational platform for meetings of future pharmacists and pharmacists of VolgSMU with representatives of employers of the pharmaceutical industry, where children receive "first-hand" the necessary recommendations, skills and abilities from professional mentors in their chosen profession.

The Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation regularly assesses the degree of satisfaction of current and potential employers to identify the compliance of the EP with the real requirements of the labor market, the possibilities for its improvement, as well as the degree of compliance of the competencies of students and graduates with their job duties at the workplace, and takes into account the information received when updating the EP. Recommendations received from the chairman and members of the SEC based on the results of state certification tests are also taken into account.

At all stages of mastering the BVEP specialist degree in the specialty 33.05.01 Pharmacy, students are prepared for further professional activity (after passing the initial accreditation of a specialist) or for further training in residency or postgraduate studies in the chosen specialty.

Residency training is carried out by the Institute of Continuing Medical and Pharmaceutical Education in the specialty 33.08.02 Management and Economics of Pharmacy, the duration of the residency program is 2 years, is 120 credits, the form of study is full-time. As a result of mastering the program and successful completion of the Final State Certification, the graduate is awarded the qualification of "pharmacist-manager". The residency program is updated with the release of the federal state educational standard for the relevant specialty and is updated annually.

The system of training highly qualified scientists consists of 2 stages of postgraduate education. Currently, the university has opened training in 48 specialties of postgraduate and

doctoral studies in medical, biological, chemical, pharmaceutical, historical, sociological, philosophical sciences. There are 5 dissertation councils on the basis of the university.

Graduates of the BVEP specialist in the specialty 33.05.01 Pharmacy have the opportunity to study in postgraduate studies in the specialties "Pharmacy":

3.4.1. Industrial Pharmacy and Technology of Drug Production

3.4.2. Pharmaceutical chemistry, pharmacognosy

3.4.3. Organization of pharmaceutical business

And also in the section "Chemical Sciences":

1.4.3. Organic chemistry

1.4.8. Chemistry of organoelement compounds

Students of the BVEP specialist degree in the specialty 33.05.01 Pharmacy, who have shown special success in research activities, receive recommendations for continuing scientific activities from the Academic Council of the VolgSMU of the Ministry of Healthcare of Russia.

2.8.2. Taking into account the conditions when a number of foreign pharmaceutical companies stopped supplying some medicines, the elective disciplines "Modern Radiopharmaceuticals", "Immunobiological and Gene Therapy Drugs" were included in the BRI Pharmacy, the training of students to solve the type of tasks of professional activity "Research" was updated in order to train specialists in the creation of domestic innovative medicines. At the In 2020, the thematic plans of the disciplines included modules related to the development and production of pharmaceuticals for the treatment of COVID-19. The production of radiopharmaceuticals is opening in the region, so the inclusion of the discipline "Modern Radiopharmaceuticals" in the BRI is focused on the conditions in which graduates will have to work.

SWOT analysis according to the "Educational Program" standard	
Strengths	Weaknesses
Development of a specialist BVEP in the specialty 33.05.01 Pharmacy, implemented by the university, in accordance with the requirements of the FSES HE, regulatory legal acts of the Russian Federation and local regulations of the university	The introduction of modern active teaching methods is not fully implemented by all teaching staff
Determination of the results of training in the BVEP specialist degree in the specialty 33.05.01 Pharmacy, implemented by the university, in accordance with the requirements of the FSES HE and the labor market	
Development of the BRI in the specialty 33.05.01 Pharmacy, implemented by the university, with the involvement of representatives of students and employers	
Actualization of the BVEP specialist degree in the	

SWOT analysis according to the "Educational Program" standard	
specialty 33.05.01 Pharmacy, implemented by the university, taking into account changes in the requirements for the training of specialists and the labor market, modern achievements of science and practice	
Use of Interactive Teaching Methods and Information Technologies in Teaching-Learning-Assessment	
Students can choose elective and elective disciplines to personalize their studies within the framework of a single curriculum	
Orientation of the BVEP of the specialist in the specialty 33.05.01 Pharmacy, implemented by the university, to continuing education, including continuing medical education (CME)	
The university has its own programs of residency, postgraduate studies, advanced training and professional retraining, dissertation councils for graduates of the BVEP to continue their specialist degree in the specialty 33.05.01 Pharmacy of Continuing Education	
Implementation of a specialist degree in the specialty 33.05.01 Pharmacy by the BVEP University, in a tolerant multi-ethnic, multicultural, multi-confessional environment	
Formation and development of students' scientific thinking, principles of scientific methodology, involvement of students in scientific research at all stages of mastering the EP	
Early contact of BVEP students of the specialist program in the specialty 33.05.01 Pharmacy with a real professional environment, including patients, in accordance with the practice-oriented system of education at the university	
Involvement of BVEP students in the specialty 33.05.01 Pharmacy in the activities of SSS, SSYS participation in national and international conferences with the presentation of research results	
Opportunities to develop practical skills of professional competencies of the BVEP specialist in the specialty 33.05.01 Pharmacy, on the basis of the Simulation Pharmacy of VolgSMU	
Ample opportunities for students to undergo a specialist degree in the specialty 33.05.01 Pharmacy Practice on the basis of specialized organizations and institutions	
Regular monitoring of the satisfaction of the participants of relations in the field of education with the conditions and quality of the implementation of educational activities in the BVEP of the specialist in the specialty 33.05.01 Pharmacy	
Sufficient material and technical equipment of the BVEP specialist in the specialty 33.05.01 Pharmacy (classrooms, rooms for independent work of students, clinical bases)	
Sufficient educational and scientific fund of literature for teaching staff and BVEP students in the specialty 33.05.01 Pharmacy, availability of national and international scientific databases online	
Significant experience of almost 90 years in the field of higher education of the university and almost 30 years in the specialty 33.05.01 Pharmacy	

SWOT analysis according to the "Educational Program" standard	
Possibilities	Threats
Opening up opportunities and encouraging international partnerships for the synchronization of training programs and the development of academic mobility in the BVEP specialist degree in the specialty 33.05.01 Pharmacy,	Reduction in the number of practice bases due to the university's dependence on force majeure situations (repairs, closure of pharmacies)
Participation in international projects for the training of teaching staff in order to apply interactive methods and information technologies in the process of training in the BVEP specialist degree in the specialty 33.05.01 Pharmacy,	Rigidity of higher education regulations at the national level
Development of digitalization and dynamic penetration of information technologies in the healthcare system and the pharmaceutical industry	Constant growth of costs for the implementation of the BVEP specialist degree in the specialty 33.05.01 Pharmacy, due to the rise in the cost of the technological solutions used, the improvement of the material and technical equipment of the educational process, the increase in the cost of labor costs, the inflationary component
Implementation of international network training	

According to the "Educational Program" standard, 28 criteria are disclosed, of which 28 have a strong position, 0 - satisfactory and 0 - suggests improvement.

3 STUDENT ASSESSMENT STANDARD

3.1. ASSESSMENT METHODS

3.1.1. Assessment of students' learning outcomes is carried out in accordance with the requirements of the ["Regulations on the forms, frequency, procedure for conducting current monitoring of academic performance and intermediate certification, as well as on the point-rating system for assessing the progress of students of the Volgograd State Medical University of the Ministry of Healthcare of Russia"](#).

Based on the requirements of this regulation, a fund of assessment tools (FOS) for each discipline and practice is developed and updated annually, including the procedure for certification of students (both current and intermediate) and assessment tools. The components of the FOS as part of the educational and methodological complex for the discipline, practice are developed at the department that implements the discipline, practice, then undergo a peer assessment at a meeting of the educational and methodological commission of the pharmaceutical with the participation of representatives of the employer and are approved as part of the set of EP documents at a meeting of the Academic Council of the VolgSMU of the Ministry of Healthcare of Russia before the beginning of the academic year no later than August 31. The components of the FAT are placed in the EIEE of VolgSMU - [on the page of the department on the university's website and in the electronic](#)

[courses of disciplines. internships at the EIEP of VolgSMU](#), where they are available to students and all interested parties.

Forms of current attestation (TA) (testing, solving situational problems, interview on control questions, assessment of the acquisition of practical skills, control work, etc.) are established by the FOS of the discipline. TA is conducted by teachers assigned according to the approved departmental schedule for conducting classes in groups of students. In the course of the TA, the level of assimilation by students of knowledge, skills and abilities (experience of activity) in the discipline and, in accordance with them, the level of mastering specific indicators of the achievement of competencies according to the competence matrix of the EP is assessed. Assessment within the TA is carried out by marks in points on a five-point scale, the average of which at the end of the semester is converted into a mark on a hundred-point scale.

Forms of intermediate attestation (PA) (exam, test, test with assessment) are established by the curriculum of the EP. PA in the form of a test, a test with a grade is carried out by teachers assigned in accordance with the approved departmental schedule for conducting classes in groups of students; PA in the form of an exam is conducted by teachers from among the persons admitted to take exams by the annual order of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia. In the course of the PA, the level of formation of the student's competencies is assessed in accordance with the competence matrix of the EP. Assessment within the framework of the PA is carried out by marks in a hundred-point scale, which are converted into a five-point system (for an exam, a test with a grade) or a "pass-fail" system (for a pass).

The form of the State Final Attestation (FSC) (state exam) is established by the BVEP of the specialist in the specialty 33.05.01 Pharmacy in accordance with the requirements of the FSSES HE. The FSC is conducted by the State Examination Commission (SEC), which includes at least 50% of persons who are leading specialists - representatives of employers or their associations of the pharmaceutical industry of Volgograd. In the course of the FSC, the resulting level of competence of the student is assessed based on the results of mastering all the competencies provided for by the EP. Assessment within the framework of the State Final Examination is carried out by marks in a hundred-point system, which are converted into a five-point system.

3.1.2. During the certification of students, the level of assimilation of theoretical knowledge, acquired skills and abilities is assessed according to the curriculum of the discipline or internship program, as well as the level of mastering specific indicators of the

achievement of competencies according to the BVEP competence matrix of the specialist in the specialty 33.05.01 Pharmacy.

The student is given the right to retake unsatisfactory PA results, as well as the right to reinstate for retaking the FSC, in accordance with regulatory documents.

The decision on the use of specific forms of assessment of knowledge, skills and abilities (experience of activity) in discipline, practice is made by the department, guided by the specifics of the discipline, practice and the effectiveness of their application to achieve higher results in students, which is reflected in Appendices 2.6, 2.7., 2.8. Modern forms of certification are actively used: elements of remote control based on the Moodle platform in the EIP, assessment of the development of practical skills using simulation equipment. The forms of assessment are enshrined in the FOS of discipline and practice, which is updated annually by the department, taking into account the experience of applying specific forms, as well as updating the scientific base and the regional component.

Students of VolgSMU of the Ministry of Healthcare of Russia regularly participate in intra-university, city, regional, all-Russian and international Olympiads, professional skills competitions, where [they win and win prizes](#), confirming the high level of education received.

So, in 2023, a 5th-year student of the Faculty of Pharmacy Valeria Ageeva became a laureate of the All-Russian competition "Student of the Year. Doctors" in the Pharmacy category, 3 students receive a scholarship from the President of the Russian Federation, 6 students of the faculty became Scholarship holders of the Government of the Russian Federation in a priority area, 3 students received the title of "Research Student".

Suggestions and comments of experts, the results of academic performance are discussed at meetings of the [Academic Council](#) (at least once a year - May), the rectorate [\(at least 2 times a year - September and February\)](#), the academic councils of the faculties/institute [\(at each meeting, periodicity - every two months\)](#). [The results of the discussions are taken into account when updating the EP.](#)

3.1.3. The Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation uses such forms of assessment as formative and summative.

Formative assessment is a continuous process of feedback between the teacher and the student in order to determine the effectiveness of the teaching methods used and to adjust the educational process in a timely manner without assigning grades.

Summative learning is implemented in the PRS of students, the use of which has the following goals:

- stimulation of daily systematic educational activities of students on the formation and development of competencies provided for by the educational program;

- obtaining comprehensive and differentiated information on the quality and effectiveness of training on the basis of streamlining the system of control of knowledge, skills and experience, as indicators of achieving the formation of competencies;

- determination of the real place that the student occupies among his fellow students in accordance with his success;

- formation of objective information about the personal educational achievements of students to encourage them;

- reducing the role of accidents in passing intermediate and/or state final certification.

The PRS is based on the average score model, taking into account indicators that take into account various aspects of the student's activities (research, social, etc.).

PRS provides an appropriate balance between formative and summative assessment to guide learning and assess a student's academic progress. The results of the student's rating can be taken into account when choosing forms and specialties of postgraduate education, to determine the order of providing a place for its passage.

Transparency and accessibility of assessment procedures is ensured by free access of interested parties to regulatory documents regulating educational activities, to all methodological documentation on EP, as well as by the involvement of employer's representatives in educational and methodological commissions and councils of faculties/institutes, in the composition of the SEC.

The development of criteria for assessing the educational activities of the BVEP specialist in the specialty 33.05.01 Pharmacy is based on the principles of consistency, validity, reliability, and feedback. Evaluation tools and methods are used that meet the specifics of the discipline and practice.

In the humanities, testing, interviews on control questions, and solving situational problems are most often used.

For basic and core/clinical disciplines and practices, an obligatory component of assessment in accordance with the implementation of practice-oriented training is the assessment of the acquisition of practical skills.

When conducting the State Final Examination in the form of a state exam (GE), the structure of tasks presented to the student includes an assessment of the acquisition of practical skills and an interview based on the results of solving practice-oriented situational tasks, for example,

Situational task

Discipline: Pharmacology, Pharmaceutical Information

You are a pharmacist at the Center for Maternal and Child Health. You need to speak at the conference "School for Young Mothers" with a report on the possible negative effects of drugs on different stages of fetal development.

Tell us about how a drug can pass from the mother's body to the fetus.

Explain to women the meaning of the following terms:

1. Embryotoxicity
2. Teratogenicity
3. Fetotoxicity
4. Mutagenicity
5. Why is the intake of many medications restricted during lactation?

What are some examples of drugs that can adversely affect the fetus when used during pregnancy? Tell us about measures to prevent these effects.

The assessment of students in the course of TA, PA and FSC is objective and unbiased for all students, based on the same principles, regardless of nationality, race, gender, political beliefs and religious views. In order to improve the objectivity of the results, monitoring is carried out anonymously, and their results are statistically processed.

Opportunities and conditions for current and intermediate certification of students with disabilities and persons with disabilities are reflected in the work programs of all disciplines and practices, the features of the State Final Examination for this contingent of students are reflected in the programs of the State Final Examination for each EP and are presented in Appendices 3.1 and 3.2.

3.1.4. Every year, at the meetings of the departments, and then the educational and methodological commissions of the Faculty of Pharmacy, the effectiveness and efficiency of the applied assessment system are discussed, adjustments are made, which are reflected in the updating of documents regulating the procedure for certification of students.

The process and methods of assessment at the VolgSMU of the Ministry of Healthcare of the Russian Federation are open for examination by external experts. Local regulations on the organization of the educational process and the procedure for certification, the procedure for the elimination of current and academic debts are regulated by the ["Regulation on the forms, periodicity, procedure for conducting current monitoring of academic progress and intermediate certification, as well as on the point-rating system for assessing the progress of students of the FSBEI HE Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation"](#) are located in the EIEE of Volgograd State Medical University. An electronic journal of academic progress is being implemented, which will be available to students and, if necessary, other participants in educational relations. The presence of more

than 50% of external experts in the SEC, including the chairman of the commission, provides an independent approach to assessing the quality of graduate training, makes it possible to adjust the educational process taking into account the needs and modern trends in professional activities, which is reflected in the report of the Chairman of the SEC.

3.1.5. The current assessment system ensures the exclusion of conflicts of interest, which is confirmed by the timeliness of informing students about the methods and forms of assessment in the first classes, as well as by placing the attestation procedure and assessment tools in the EIEE of VolgSMU (on the pages of the departments of the site, in the courses of disciplines on the EIP).

The use of the point-rating system, which is based on the activation and increase of responsibility for educational activities of the student, is one of the effective forms that affect the objectivity of the assessment of knowledge both by the teaching staff and the student himself. The objectivity of the assessment is also complemented by the fact that the exam is taken by an independent teacher at the level of the department, the FSC is taken by a commission with the participation of external experts - representatives of the employer.

A student who has academic arrears (failed intermediate certification) has the right to pass the unpassed intermediate attestation twice within the terms established by the Federal State Government-Funded Educational Institution of Higher Education of VolgSMU [of the Ministry of Healthcare of Russia as the terms of the first and second retake](#). This period does not include the time of the student's illness, being on academic leave or maternity leave. At the second retake, a commission is created at the receiving department, The composition of which is approved by the head of the department after discussing the issue at the meeting of the department. To retake the test, the commission is formed from at least 2 persons from among the teaching staff of the department without a requirement for the presence of academic titles and degrees. In order to retake the test with a grade, the exam is formed by the commission of at least 3 persons from among the examiners of the department with the established requirements for the position, academic title, academic degree.

A student who did not pass the FSC due to failure to appear for a valid reason (temporary disability, performance of public or state duties, summons to court, transport problems (flight cancellation, lack of tickets, weather conditions) has the right to take it within 6 months after the completion of the FSC, provided that a document confirming the reason for his absence is provided. A student who did not pass the FSC due to a non-appearance for an unreasonable reason or due to receiving a grade "unsatisfactory", is expelled from VolgSMU with the right to retake it no earlier than 10 months and no later than five years after the State Final Examination, which the student did not pass. In order to pass

the repeated State Final Examination, the student is reinstated at the VolgSMU of the Ministry of Healthcare of Russia. Attestation tests for one person may be assigned no more than twice. A person who has repeatedly failed the State Final Examination for an unreasonable reason or has received an unsatisfactory grade at the State Final Examination is expelled from the university with a certificate of study according to the sample independently established by the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia.

Based on the results of the PA and FSC, in case of disagreement with the grade, the student has the right to file an application for an appeal of the results of the certification. Consideration of the appeal is carried out by the appeal commission, the composition of which is approved by the order of the [Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University](#) of the Ministry of Healthcare of Russia. The review is carried out in accordance with [the "Regulations on the Consideration of Appeals at Intermediate and Final Certification"](#).

3.1.6. Monitoring of students' satisfaction with the quality and conditions of educational activities is carried out annually, which provides for questions on students' satisfaction with the existing certification system and open-ended questions for them to express their comments and wishes (pages 27-29 of the ["Regulations for monitoring the satisfaction of participants in relations in the field of education with the quality and conditions of educational activities of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia"](#)).

On the part of the management of the VolgSMU of the Ministry of Healthcare of Russia, the practice of organizing meetings with students of all courses and faculties with the participation of the rector, vice-rectors, deans and heads of educational programs, representatives of other structural units involved in educational, scientific, social activities, in the organization of students' life is applied.

The BVEP of the specialist in Pharmacy ensures the openness of the assessment procedure and its results. The EIP of the university's website contains information about the assessment criteria, regulations on the point-rating system of the university and each department, and the FOS of intermediate and final certifications. At the first lesson of each discipline, students are informed about the criteria and assessment procedures for the Pharmacy programme. Six months prior to the State Final Examination for the Specialist in Pharmacy, an organizational meeting is held with students, at which students are informed

about the assessment criteria and procedures and their written notification of familiarization is taken.

3.1.7. The validity and reliability of knowledge assessment methods is ensured by systematic monitoring of the quality of assessment tools for compliance with the discipline program, their variety, level of complexity, compliance of academic performance indicators during the semester with the results of control activities.

3.2. THE RELATIONSHIP BETWEEN ASSESSMENT AND LEARNING

3.2.1. The certification system existing at VolgSMU of the Ministry of Healthcare of Russia guarantees that students achieve the final learning outcomes, and ensures the achievement of one of the university's goals of training highly qualified and competitive specialists. This is confirmed by the results of the State Final Examination of students in the EP (presented in the reports of the SEC chairmen, links to the reports – see Appendix 7.3). The results of the FSC, the reports of the chairmen of the SEC are discussed at the meetings [of the Academic Council](#) (1 time a year – August), rectorate [\(1 time a year – October\)](#), [academic councils of faculties/institutes](#) (2 times a year – August and October). The results of the discussions are taken into account when updating the EP.

The content of the programs of disciplines and practices ensures the formation of competencies defined by the FSES HE and EP. The BVEP Competence Matrix of the Specialist in the specialty 33.05.01 Pharmacy defines the connection of each discipline and practice with other disciplines and practices through their participation in the formation of certain competencies and indicators of their achievement. All methodological documentation on the BVEP of the specialist in the specialty 33.05.01 Pharmacy is posted on the university website and is available to students ([a set of documents of the BVEP specialist in the specialty 33.05.01 Pharmacy](#)).

3.2.2. The number of exams, tests and credits with a grade is regulated by the curriculum for the BVEP of the specialist in the specialty 33.05.01 Pharmacy. When developing curricula, such a criterion for the development of the educational process as the integration of education is taken into account, the purpose of which is to ensure the achievement of the final learning outcomes based on the study of the entire range of disciplines, as well as the passage of educational and industrial practices.

As part of the exam session, students take from 1 to 5 exams, as well as from 1 to 11 tests, tests with a grade. The number of PA forms is balanced in difficulty: the more exams and credits with a grade, the fewer credits, and vice versa. No more than 1 exam and no more than 2 tests are taken per day, tests with a grade. 3 days are allotted to prepare for the exam in

each discipline. The form of the PA and the evaluation tools used are established by the FAT for the discipline and practice.

Within the framework of the state exam, the structure of tasks includes elements from different disciplines of the BVEP specialist in the specialty 33.05.01 Pharmacy. According to the BVEP specialist degree in the specialty 33.05.01 Pharmacy, the state exam includes questions on the disciplines "Management and Economics of Pharmacy", "Methods of Pharmacopoeial Analysis", "General Pharmaceutical Chemistry", "Private Pharmaceutical Technology", "General Pharmaceutical Technology", "Pharmacology", "Pharmacognosy", "Pharmaceutical Information", the "First Aid" module of the discipline "Disaster Medicine".

3.2.3. The order of attestation and the conditions for studying each discipline are brought to the attention of students at the first lesson in the discipline by the teacher of the group, and are also available in the EIEE of VolgSMU. The results of TA are communicated to students directly during its conduct in seminar-type classes, are recorded in the register of students' academic progress, which ensures the timeliness of feedback from students on the results of assessing their knowledge, skills, and abilities (work experience). An electronic journal is being implemented, which will increase the availability of information for students and, if necessary, other participants in educational relations. The results of the PA are communicated to the students during the examination, entered in the test sheet and in the student's record book, and are entered into the EIEE of VolgSMU.

VolgSMU of the Ministry of Healthcare of the Russian Federation regularly monitors student satisfaction. The results of the monitoring are reported at the meetings of the rector's office, the academic council of the university, the councils of the faculty/institute. Questionnaires, as a rule, show [high results of students' satisfaction with the organization of the educational process](#).

On the main page of the university's website, there is [a "Ask a question"](#) button, where students can ask any question regarding studying at VolgSMU of the Ministry of Healthcare of Russia. Communication through social networks is widely implemented, where both university-wide communities/chats are supported (for example, [VK](#), [Telegram](#)), as well as community chats of individual OPs. On the university's website, on the pages of dean's offices and departments, contact phone numbers and e-mail addresses are provided, by which students also have the opportunity to get answers to questions of interest.

Based on the results of the analysis of academic performance, low-achieving and underachieving students are identified, who are provided with measures to support learning. Thus, the teaching staff of the departments regularly conduct group and individual consultations on the issues of the studied material that causes difficulties in mastering the

student. The student may be given additional assignments on missed or poorly mastered topics. Interaction between a student and a teacher can be carried out in person or with the use of distance learning technologies, in synchronous or asynchronous mode. In case of current and/or academic debt, the student is provided with opportunities to eliminate them in accordance with the ["Regulation on the forms, frequency, procedure for conducting current monitoring of academic progress and intermediate certification, as well as on the point-rating system for assessing the progress of students of the VolgSMU of the Ministry of Healthcare of Russia"](#).

Regular receipt and analysis of feedback from students allows the administration of VolgSMU of the Ministry of Healthcare of Russia to receive objective information from students on the organization of the educational process.

SWOT analysis according to the Student Assessment standard	
Strengths	Weaknesses
Regulation of the procedure, criteria and methods of assessment of students by local legal acts, ensuring their accessibility for interested parties	Insufficient inclusion of the simulation center to provide practical training and assess the level of competence formation in students
Availability of a multi-level flexible system of student assessment	Insufficient number of simulators and simulators at the departments for practicing practical skills and assessing students in some specialties
Use of modern methods for assessing students' competencies and skills	
Use of the point-rating system for evaluating students	
Regulation of the mechanism for appealing students' grades, the procedure for retaking unsatisfactory grades	
Use of simulation equipment to assess the level of practical training of students	
Use of Information Technologies to Provide Prompt Feedback in the Assessment of Students	
Ensuring the transparency and accessibility of student assessment results through the Academic Progress Log	
Availability of a system for involving external experts, representatives of the employer in the assessment of students at various levels	
Systematic monitoring and analysis of students' satisfaction with the quality and conditions of the organization of educational activities	
Involvement of students in the assessment of students as tutors, at Olympiads, competitions, conferences	
Availability of a control system at different levels (administration, dean's office, department, student) of the mechanism for evaluating students	
Possibilities	Threats
Academic Freedom of Teaching Staff in the Choice of Methods and Forms of Student Assessment	Limitations of Distance Learning Opportunities at the Level of Higher Education in Legislative Acts
Application of information technologies, elements of distance learning in the assessment of students, as well as in the implementation of independent work of students	Low responsibility of students for the results of independent work

According to the "Student Assessment" standard, 10 criteria are disclosed, of which 10 have a strong position, 0 is satisfactory and 0 suggests improvements.

4. STANDARD "LEARNERS"

4.1. ADMISSION AND SELECTION POLICY

4.1.1. The policy of admission and selection to Volgograd State Medical University is carried out in accordance with the requirements of the legislation of the Russian Federation, the Charter of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia ([paragraph 3](#)) and the annual admission rules [developed by the university, adopted by the Academic Council of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia and approved by the Chancellor of the University. Taking into account the educational programs being implemented at Volgograd State Medical University, the Rules of Admission to Study are approved by separate documents for secondary vocational education programs, bachelor's, specialist's, master's programs, residency programs, postgraduate programs for the training of scientific and scientific-pedagogical personnel \(examples of documents are given for the past admission campaign in 2023\).](#)

[The Rules for Admission to Volgograd State Medical University of the Ministry of Healthcare of Russia for Educational Programs of Higher Education \(Bachelor's, Specialist's, Master's\) in 2023](#) (hereinafter referred to as the Admission Rules) were approved on the basis of Order No. 979-KO 06.06.2023. Admission of applicants to the university is carried out at the main university - VolgSMU of the Ministry of Healthcare of Russia and to the branch - PMPI for bachelor's programs, specialist training programs and master's programs in the appropriate forms of education according to target figures for admission to training on the basis of paragraph 1.10 of this document. It should be pointed out that on the basis of subparagraph "c" of subparagraph 1 of paragraph 1.7.1 of the Rules for admission to places within a separate quota for admission to study in bachelor's programs, specialist programs at the expense of budget allocations, which is established by a higher education organization in the amount of at least 10% of the volume of control figures for each specialty or field of training, admission to study in bachelor's and specialist's programs is carried out as a result entrance exams conducted by the university independently, and (or) based on the results of the USE; and without entrance exams in accordance with Part 5.2 of Article 71 of Federal Law No. 273-FZ (with the exception of additional entrance exams of creative and (or) professional orientation). The list and forms of entrance exams and the order of priority in ranking applicants based on the results of entrance exams to VolgSMU in 2023 are presented [in the document](#) of the same name. Programs of entrance exams conducted by the university

independently, in general subjects for certain categories of citizens (those with secondary vocational education, higher education, etc.) are contained in the corresponding [tab](#); The results of passing specific entrance exams are promptly posted on the [page of](#) the Admissions Committee of VolgSMU.

4.1.2. Information on special rights and benefits for admission of persons with disabilities to VolgSMU in 2023 is set out in section [4 of the Admission Rules, and for the convenience of potential applicants and their legal representatives is posted in a separate](#) file. [Clause 4.6](#) of the Admission Rules It has been established that the preferential right to enroll in the university, subject to successful completion of entrance exams and other equal conditions, is granted to orphans and children left without parental care; disabled children, disabled persons of groups I and II; citizens under the age of twenty who have only one parent who is a disabled person of group I, if the average per capita income of the family is lower than the subsistence minimum established in the constituent entity of the Russian Federation at the place of residence of these citizens and other categories of citizens (a total of 13 positions).

Information for applicants on specific educational programs, including the number of places, basic admission requirements, program benefits, and post-graduation prospects, is presented in an accessible form on the relevant [page of the website](#).

An adapted BVEP specialist program in the specialty of Pharmacy for people with various disabilities has been developed and updated annually. The university has [created conditions to ensure inclusive education of students](#) belonging to the category of disabled and persons with disabilities in secondary vocational, higher and additional education programs. A significant merit in this belongs to the specially created [Department of Inclusive Education of VolgSMU](#)

4.1.3. In accordance with [the Regulation on the Procedure for Transfer, Reinstatement to the Number of Students and the Provision of Academic Leave, Maternity Leave, Child Care Leave at VolgSMU of the Ministry of Healthcare of Russia](#) (hereinafter referred to as the Regulation), approved by Order No. 156-KO dated 08.02.2023, the transfer of students from other organizations to VolgSMU (section 2), the transfer of students from VolgSMU to other educational organizations (section 3) is allowed no earlier than after passing the first intermediate certification. The algorithms of actions for the admission/expulsion of students in the order of transfer are explained in detail both in the Regulation itself (with the attachment of the necessary templates of documents) and in forms more adapted for the perception of interested persons - presentation-annotation [of the Regulation](#), Memo on transfer from another university to VolgSMU, [Memo on transfer from a foreign university to](#)

[VolgSMU, Memo on transfer from VolgSMU to another university](#). The procedure for reinstatement to the number of students of Volgograd State Medical University is also clearly set out (Section 8 [of the Regulations, Memo on Reinstatement to the number of students of Volgograd State Medical University](#)).

4.1.4. Order No. 1880-KO dated 31.10.2023 approved the new [Rules for admission to VolgSMU of the Ministry of Healthcare of Russia for educational programs of higher education \(bachelor's, specialist's, master's\) in 2024](#). The list of entrance exams for admission to educational programs of higher education and the minimum number of points confirming the successful completion of the entrance exams of the next year's admission company is presented in tabular form in paragraph 2.7 of these Admission Rules.

The University annually plans, including taking into account the current [Development Program of VolgSMU](#), and coordinates with the Health Committee of the Volgograd Region and the Ministry of Healthcare of the Russian Federation the number of places for admission in order to meet the basic needs in the field of health protection of the population of the region and the country as a whole.

Thus, the university's policy in the field of admission and selection of students is transparent, uniform and accessible; Additional entrance exams (if any) make it possible to assess the ability and professional suitability of applicants to master specific educational programs.

4.1.5. Based on the results of the entrance exam, the applicant has the right to appeal to the University [about the violation, in the opinion of the applicant, of the established procedure for conducting the entrance exam and \(or\) disagreement with the received assessment of the results of the entrance exam](#).

The applicant has the right to be present at the hearing of the appeal. A minor (under 18 years of age) has the right to be accompanied by one of the parents or legal representatives, except for minors recognized in accordance with the law as having full legal capacity before reaching the age of majority.

After considering the appeal, the appeal commission makes a decision to change the assessment of the results of the entrance exam or leave the said grade unchanged.

The decision of the appeal commission, formalized in the protocol, is brought to the attention of the applicant. The fact that the applicant has familiarized himself with the decision of the appeal commission is certified by the applicant's signature.

4.2. RECRUITMENT OF STUDENTS

4.2.1. Enrollment of students in the BVEP specialist degree in the specialty 33.05.01 Pharmacy was carried out in accordance with the Rules for admission to the [Federal State](#)

[Government-Funded Educational Institution of Higher Education of the VolgSMU of the Ministry of Healthcare of Russia for educational programs of higher education \(bachelor's, specialist's, master's\) in 2023](#) according to the allocated admission control figures agreed with the Health Committee of the Volgograd Region and the Ministry of Healthcare of Russia.

The contingent of students of the BVEP specialist in the specialty 33.05.01 Pharmacy and its movement are updated and updated in a timely manner and are reflected in tables 4.1, 4.2, 4.3, 4.4, 4.5 in Appendix 4.1 to this CB.

Transfer, reinstatement and provision of academic leave are carried out in accordance with the [Regulation on the Procedure for Transfer, Reinstatement to the Number of Students and the Provision of Academic Leave, Maternity Leave, Child Care Leave at the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia](#).

4.2.2. The University annually plans, including taking into account the current [Development Program of VolgSMU](#), and coordinates with the Health Committee of the Volgograd Region and the Ministry of Healthcare of the Russian Federation, the number of places for admission in order to meet the basic needs in the field of health protection of the population of the region and the country as a whole. Career guidance work is carried out at the VolgSMU of the Ministry of Healthcare of the Russian Federation, which is focused on two areas: attraction of potential applicants and assistance in the employment of graduates, is carried out by holding educational and enlightenment exhibitions, both [in the territory of Volgograd and](#) the region, and in other subjects of the Russian Federation and countries; as well as career guidance events, including together with specialists from leading medical/pharmaceutical/other organizations at all-Russian exhibitions and forums. So, from March 22 to March 24, 2023, VolgSMU [took part](#) in the specialized exhibition "Education-2023 " of the Volgograd Educational Forum-2023 (venue - Volgograd Arena); The effectiveness of participation is evidenced by positive [reviews on social networks](#) from potential applicants and their parents.

4.2.3. Every year, VolgSMU holds [Open Days](#), information about which is published both on the information resources of the university ([university website](#), official VKontakte page, [official Telegram channel](#)) [and can be found on the websites](#) of third-party organizations, [local media](#). [In the current academic year, it is planned to test new formats of meetings](#) with potential applicants and their parents through the organization of "University Saturdays", "Parent Meetings" and "Open Days for Specialties".

4.3. COUNSELING AND SUPPORT FOR STUDENTS

4.3.1. Students of the BVEP specialist in the specialty 33.05.01 Pharmacy have the opportunity to receive consultations aimed at social and personal needs, including [academic support](#); consultations related [to financial issues](#), health problems, [immunization, and](#) others. At the same time, trying to help first-year students to more easily navigate the life of VolgSMU and properly organize their studies and leisure, the management The University annually initiates the publication of a special "[Memo to the Student](#)", which is placed in [the news section](#), brought to the attention of each student by the dean's offices of the faculties/institutes using various means of communication.

In order to support and advise students, to facilitate integration into university education, to guide them in choosing the most suitable options for educational, cultural and social programs, the institute of mentoring (mentoring) is being developed at the university. It is embodied primarily within the framework of the system of student self-government - [Curators of VolgSMU \(under the Student Council of VolgSMU\)](#).

4.3.2. Information about social support measures at VolgSMU is posted on a [special page and](#) other tabs, [articles on](#) the official website of the university, in social networks, [information stands of the university and dormitories, sent to the personal account, and](#) also discussed at introductory and current course meetings. It is important to emphasize that the scholarship commissions of all faculties, the Institute of Health, and the college of VolgSMU include a representative of the Students (see paras. [Order on the Composition of Scholarship Commissions](#)). In order to encourage excellent studies, active participation in social, scientific and sports life, students are regularly nominated for prizes, grants and scholarships, and their [successes are actively covered](#) on [the official website](#) and accounts of the university in [social networks](#).

Procedure and Rules for Awarding a State Academic Scholarship and (or) a State Social Scholarship to Full-Time Students Studying at the Expense of Federal Budget Appropriations, State Scholarships to Graduate Students, Residents Studying Full-time at the Expense of Federal Budget Appropriations, Payment of Scholarships to Students of the Preparatory Department Studying at the Expense of Budgetary Appropriations of the Federal Budget and Others scholarships are regulated [by the relevant Regulations](#).

Information on students of the Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation (excluding the branch) who receive or have received scholarships of the President of the Russian Federation, the Government of the Russian Federation, personal scholarships, scholarships awarded by legal entities or individuals over the past two years is presented in the table of the same name in Appendix 4.2 to this CB. In addition to quantitative data on scholarship holders, the table contains references to

administrative documents that served as the basis for awarding scholarships, as well as illustrative articles on the facts of this kind of encouragement of students, posted on the university's website, in social networks, and third-party online publications.

The university also provides for such types of encouragement of students as moral stimulation - awarding with certificates of honor, [letters of thanks from the rector](#), entering on the Board of Honor, including [virtual](#), sending letters of thanks to parents of students or legal representatives, etc. [Presentation of "Student-Researcher" tickets](#), [Chancellor's Certificates of Merit](#), etc.).

4.3.3. The University organizes and conducts activities aimed at identifying, understanding and anticipating the needs and expectations of stakeholders. An effective tool is the monitoring of the satisfaction of the participants in relations in the field of education with the quality of educational activities - the direction of the ESOKO, which consists in a systematic, purposeful assessment of the opinion of the participants in relations in the field of education about the quality of educational activities for its consideration in improving the quality of education. Thus, after studying each discipline (module)/practice, students have the opportunity to formulate and bring to the attention of the head of the department, deans, vice-rectors and the rector proposals on the structure, volume and content of the discipline/practice being studied, as well as on the conditions for the implementation of educational activities in general, during a questionnaire or in person. At the same time, the assessment is carried out at two levels - departmental and university-wide. At the department level The assessment is carried out by means of an anonymous questionnaire of students at the end of their intermediate certification in each discipline (module)/practice implemented by the department, and includes an assessment of the quality of educational activities and the conditions for its implementation in the discipline (module)/practice both in general according to the implemented positions of the curriculum, and for specific scientific and pedagogical workers of the department who implement the discipline (module)/practice. Monitoring carried out at the university-wide level is held at the beginning of the academic year based on the results of the previous academic year. Thus, each student has the opportunity to express his opinion twice about the quality and conditions of educational activities in any discipline (module) studied and practice.

The survey is carried out using the capabilities of the EIP of VolgSMU, taking into account the specifics [of the contingent of students - for Russian students](#) and [for foreign students](#) (For International students). The results of the monitoring of student satisfaction are brought to the attention of all interested parties by posting analytical reports on the results of the monitoring in the public domain on the university's website - separately [to monitor](#)

[students' satisfaction with the quality of educational activities in disciplines \(modules\)/practices](#) and [to monitor students' satisfaction with the quality of the conditions for the implementation of educational activities](#). Based on the results of the monitoring, the heads of the responsible departments provide signed reports on their results for each BRI implemented by the university, these reports are discussed at meetings of collegial bodies of faculties/institutes, if necessary, plans for corrective measures and measures to improve OD are developed; electronic versions of reports are sent to the e-mail addresses of the profile vice-rector, college director/deans of faculties/directors institutes and (or) heads of training areas. In addition, the results [are discussed at the rectorates](#), as a result of which [lists of instructions](#) of the rector are formed with corrective measures and measures aimed at improving educational activities.

4.3.4. Participation of VolgSMU students in scientific, social and sports life is stimulated by additional rating points in disciplines on the basis of the Regulations on the [forms, frequency, procedure for conducting current monitoring of academic performance and intermediate certification, as well as on the point-rating system for assessing academic performance](#) (Table 4 of the Appendix to the Regulations regarding the assignment of bonuses in the discipline). Also, students under commercial contracts who have special achievements in the educational, research, social, cultural, creative and sports activities of an educational organization, the chances of switching from paid to free education are significantly increased in the presence of vacant state-funded places and is regulated [by the Regulations](#), and the [presentation-annotation to the Regulations on the Procedure and Cases of Transition of Persons Enrolled in Educational Programs of Secondary Vocational and Higher Education at the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia from Paid to Free Education](#).

After completing the entire period of training and successfully passing the state final certification, a graduate of the BVEP specialist in the specialty 33.05.01 Pharmacy is issued a diploma of higher education with the assignment of the qualification of a pharmacist. The form and procedure for issuing a diploma of higher education and its supplement is established by [the order of the Ministry of Education and Science of Russia dated 27.07.2021 No. 670](#) "On Approval of the Procedure for Filling, Recording and Issuing Documents on Higher Education and Qualifications, Supplements to Them and Their Duplicates".

4.3.5. The BRI of a specialist in the specialty Pharmacy takes into account the needs of various groups of students and provides an opportunity to form individual educational

trajectories. Appendix 2.9 provides information on the individual educational tracks formed within the BRI.

Psychological, social and pedagogical support for university students, assistance in their personal development and positive socialization, if necessary, is provided by practicing psychologists from among the research staff [of the Department of General and Clinical Psychology of VolgSMU](#), as well as employees of the [Medical and Psychological Center](#) of the Family Medicine Clinic of VolgSMU.

4.3.6. Based on the results of the analysis of academic performance, the Dean's Office of the Faculty of Pharmacy determines low-achieving and underachieving students, who are provided with measures to support their studies. Thus, group curators, practicing psychologists from among the research staff of the Department of General and Clinical Psychology are involved in working with these categories of students, as well as in case of social and psychological issues in the group. The teaching staff of the departments regularly conduct group and individual consultations on the issues of the studied material that causes difficulties in mastering the student, guided by the [Instruction for conducting individual consultations, including training, at the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University](#) of the Ministry of Healthcare of Russia, according to the schedule of individual consultations and working off missed classes. In case of current and/or academic debt, the student is provided with opportunities for their liquidation in accordance with the [Regulation on the forms, frequency, procedure for conducting current monitoring of academic progress and intermediate certification, as well as on the point-rating system for assessing the progress of students of the Federal State Government-Funded Educational Institution of Higher Education of VolgSMU of the Ministry of Healthcare of Russia](#).

Students in the BRI are provided with academic counseling based on the monitoring of their academic progress and includes career guidance and career planning. For example, in recent years, the program "I am starting my career at Volgograd State Medical University" has been successfully functioning. Job fairs are held annually. As part of the work of the Pharmaceutical Club, master classes are held by leading specialists in the pharmaceutical industry of the region. Meetings are held on a regular basis with students on the following issues postgraduate education in residency and postgraduate studies.

4.4. REPRESENTATION OF STUDENTS

4.4.1. [The Student Council of VolgSMU](#) is the main body of student self-government of the university. The procedure for the activities of the Student Council of VolgSMU is

regulated by the relevant [Regulations. The activities of the Student Council are covered in detail on social networks \(for example, VKontakte, Telegram channel\).](#)

In view of the versatile activities of students, the Student Council is divided into subdivisions, which independently develop their own structure and direction of activity: ["Vis-à-vis VolgSMU"](#), [Literary and Poetic Club "Zlatoust"](#), ["KVN VolgSMU"](#), [Student Photo Club "Visual"](#), Guides of VolgSMU __, [English StS Club of VolgSMU "Underground"](#), [International Friendship Club of VolgSMU](#), etc. Most of them have their own groups on social networks (hyperlinks to them are listed below). It is important to note that in addition to Russian students, the Student Council also includes foreign students. This circumstance ensures the prompt resolution of many issues related to their education and extracurricular activities, while at the same time contributing to the establishment of intercultural interaction.

The Student Council of the Faculties, which includes the active members of the faculties, including the heads of groups and courses, assists the dean's offices of the faculties in the organization of the educational process, the Institute of Health has representatives in the Student Council of VolgSMU and interacts with the university administration to resolve disputes at the level of courses and academic groups.

[The Student Council of the dormitories exercises control over the students living in the dormitories of the university, organizes cultural and sports events in the dormitories. The Student Council of Dormitories is responsible for: coordination of newly settled students; organization of events on the basis of dormitories; control over compliance with the rules of residence in dormitories; solving problems that arise on the territory of dormitories.](#)

Thus, the Student Council of VolgSMU is currently one of the most structured and numerous student self-government bodies among medical and pharmaceutical universities in Russia, which day by day raises the educational, cultural and sports level of modern medical society.

4.4.2. VolgSMU develops and supports volunteer activities of students. The University has the [Volunteer Center of Volgograd State Medical University and Public Health Volunteers of Volgograd State Medical University, whose work is](#) aimed at promoting a healthy lifestyle for the population of the city of Volgograd and the region, monitoring and analyzing the conditions for the provision of outpatient care, the needs of the population in medical services. Joint work with the Committee is carried out Volgograd Region, Medical Volunteers, All-Russia People's Front, etc.

Students of the Faculty of Pharmacy try to take an active part in the work of the region's healthcare system: they work as volunteers, become donors, and participate in university events aimed at helping the population.

In 2020-2021, during the fight against the spread of COVID-19 infection, students of the specialty 33.05.01 Pharmacy were involved as volunteers to participate in providing assistance to the population in accordance with the requests of the heads of healthcare organizations: they worked in call centers, prepared information materials related to the spread and prevention of coronavirus, delivered food and essential goods, and were also employed as secondary medical staff and residency sites in health care facilities, assisting in diagnosis, treatment, and preventive measures.

For example, Tanzila Gilaeva, a 2023 graduate of the Faculty of Pharmacy, was awarded the Hero of Our Time medal and the Certificate of Merit of the Health Committee of the Volgograd Region for her activities during the period of countering the spread of a new coronavirus infection.

VolgSMU is recognized as a ["University of Healthy Lifestyle"](#), for several years it has been one of the three leaders of the competition with the same name, which is held annually among medical and pharmaceutical universities of the Russian Federation. More than 30 sports sections are organized for students of VolgSMU, [Spartakiads in various sports are held annually, inter-faculty sports competitions, where more than 1000 students take part; Functioning Sports and Recreation Complex "VOLGOMED". The Impulse Student Sports Club](#) gives lectures on healthy lifestyles in the student dormitories of the university, and holds debate conferences with the participation of various specialists.

In order to implement the priority areas for the development of recreational activities, physical culture and sports, the formation of a healthy lifestyle for students and teaching staff of the university, the [Project on Environmental and Hygienic Education and Health Protection of Students and Staff is operating at VolgSMU](#), a "road map" has been developed to optimize environmental and hygienic education and health protection of students and staff of VolgSMU for 2021-2025.

For the purpose of active recreation and health improvement of students, [there is a sports and recreation camp of VolgSMU](#), located in a picturesque place of the Volga-Akhtuba floodplain, 30 kilometers from the city in the village of Kuibyshev. Visualization of students' opportunities for sports and active recreation at the main sports grounds of VolgSMU is presented in the corresponding [booklet](#).

The university [has created conditions to ensure inclusive education of students](#) belonging to the category of disabled and persons with disabilities in secondary vocational,

higher and additional education programs. A significant merit in this belongs to the specially created [department of inclusive education of VolgSMU](#).

It is also important to note that there are great opportunities for the realization of students' creative abilities, their involvement in various types of socially significant activities (see paragraph 4.4 of this SAR), which is clearly confirmed by the reports/reports of the Vice-Chancellor for Youth Policy and Educational Activities of VolgSMU, annually presented at rectorates, meetings of the Academic Council of the University (see, for example, [Report on the implementation of youth policy and educational activities of VolgSMU for the 2022/2023 academic year](#), report "[Project approach in VolgSMU to the implementation of youth initiatives in medical education and healthcare](#)").

Information on students of the Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation (excluding the branch) who receive or have received scholarships of the President of the Russian Federation, the Government of the Russian Federation, personal scholarships, scholarships awarded by legal entities or individuals over the past two years is presented in the table of the same name in Appendix 4.2 to this CB. In addition to quantitative data on scholarship holders, the table contains references to administrative documents that served as the basis for awarding scholarships, as well as illustrative articles on the facts of this kind of encouragement of students, posted on the university's website, in social networks, and third-party online publications.

The university also provides for such types of encouragement of students as moral stimulation - awarding with certificates of honor, [letters of thanks from the rector](#), entering on the Board of Honor, including [virtual](#), sending letters of thanks to parents of students or legal representatives, etc. [Presentation of "Student-Researcher" tickets](#), [Chancellor's Certificates of Merit](#), etc.).

Participation of VolgSMU students in scientific, social and sports life is stimulated by additional rating points in disciplines on the basis of the Regulation on the [forms, frequency, procedure for conducting current monitoring of academic progress and intermediate certification, as well as on the point-rating system for assessing academic performance](#) (Table 4 of the Appendix to the Regulations regarding the assignment of bonuses in the discipline). Also, students under commercial contracts who have special achievements in educational, research, social, cultural, creative and sports activities of an educational organization, significantly increase the chances of switching from paid to free education in the presence of vacant state-funded places and is regulated [by the Regulation](#), and the [presentation-annotation](#) to [the Regulations on the Procedure and Cases of Transition of Persons Studying in Educational Programs of Secondary Vocational and Higher Education at the Federal State](#)

Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation, from Paid to Free Education

SWOT analysis according to the "Learners" standard	
Strengths	Weaknesses
Transparent process of admission to the BVEP specialist degree in the specialty 33.05.01 Pharmacy with quantified results	
Functioning of the system of support and accompaniment of students of educational programs implemented at the university at the university (divisions of the Student Council of VolgSMU, supervision)	
Representation of Specialist Students in the Specialty 33.05.01 Pharmacy in the Collegial Management Bodies of the University	
Availability of opportunities for organizing everyday life, meals, recreation of students at the university: own dormitories, sports grounds, canteens, buffets, Sports and Recreation Camp of VolgSMU	
A system of material support for students, including those who find themselves in difficult life situations, who have success in educational, scientific, sports and other activities, is in place and has been communicated to all interested parties	
Creation of a unique interethnic environment at the university, opportunities to develop students' skills of tolerant behavior, popularization of cultural and national values	
Possibilities	Threats
Introduction of new educational programs	Decrease in the "quality" of applicants, their preparation at the stage of general education
Development of an end-to-end system of professional selection of personnel "school-college-university", implemented through comprehensive career guidance work with schoolchildren, aimed at expanding geography and attracting talented applicants	Approval of the admission plan at the expense of the budget (admission control figures) by superior organizations
Development of International Academic Mobility Programs	Lack of mechanisms at the legislative level for assessing the social and communicative competencies of applicants for admission to study
Development of international partnerships between student non-governmental organizations	
Promotion of projects for the socio-cultural integration of international students	

According to the "Students" standard, 17 criteria are disclosed, of which 17 have a strong position, 0 - satisfactory and 0 - suggests improvement.

5 STANDARD "ACADEMIC STAFF/FACULTY MEMBERS"

5.1. RECRUITMENT AND SELECTION POLICY

5.1.1. For the implementation of the educational process of the BVEP specialist in the specialty 33.05.01 Pharmacy, on the basis of the curriculum, the staff of the teaching staff is formed, which is approved by the staff list. The number of teaching staff is planned based on the needs of the educational process, the standard of the teaching load for the teacher, the contingent of students in all EPs.

Teaching staff is one of the main resources of the university for the implementation of educational programs, which is an important factor in ensuring the high quality of the educational process and training competitive specialists in the field of healthcare, taking into account the needs of the labor market.

Determination of the need for personnel is carried out by identifying the list of vacant positions, their number, requirements for applicants for these positions.

The number of teaching staff, their academic degree of candidate or doctor of sciences is reflected in the table:

Total teaching staff (including AMS and internal part-timers)	Of these, they have an academic degree		Full-time teaching staff	Of these, they have an academic degree	
	Phd	Phd		d	Phd
1661	823	261	755	385	133

The degree of teaching staff in the university as a whole is 65%.

The teaching staff of the Departments of Humanities that provide the educational process in the BVEP specialty in the specialty 33.05.01 "Pharmacy" is presented in Appendix 5.1.

The staff of teachers of the departments of basic disciplines and practices that provide the educational process in the BVEP specialist specialty 33.05.01 "Pharmacy" is presented in Appendix 5.2.

The staff of teachers of the departments of profile/clinical disciplines and practices that provide the educational process in the BVEP specialist specialty 33.05.01 "Pharmacy" is presented in Appendix 5.3.

5.1.2. The organizational structure, the practice of selection, admission, placement of personnel, the formation of a high-quality reserve of the university are aimed at creating the necessary conditions for the effective implementation of educational tasks and personnel [policy of the VolgSMU of the Ministry of Healthcare of Russia](#).

The formation of a personnel reserve for filling the positions of teaching staff belonging to the teaching staff, the positions of researchers, medical specialists is carried out from among graduate students, residents, graduate students, graduates of the Federal State Government-Funded Educational Institution of Higher Education of Volgograd State Medical

University of the Ministry of Healthcare of Russia within the framework of the program "Start your career at Volgograd State Medical University!" ([clauses 5.14, 5.16. Regulations on the personnel policy of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia for 2023-2026, approved by order No. 239-KO dated 15.02.2023](#)).

The balance between academic and non-academic staff is shown in the table:

Total Employees	of which				
	S	Scientists	Administrative and managerial staff/including teaching staff	Teaching and support staff	Other
3271	638	51	382/25	481	719

The ratio between teaching, research, and "service" activities is defined in the Regulation on the Calculation of the Teacher's Workload, which for each category of teaching staff determines the ratio of educational and pedagogical activities, methodological, scientific work, work in the field of practical pharmacy and hours for advanced training.

5.1.3. The personnel policy of selection and admission of teaching staff at the university is carried out in accordance with the Labor Code of the Russian Federation, Federal Law of 29.12.2012 N 273-FZ "On Education in the Russian Federation" and other regulatory legal acts of the Russian Federation.

Qualification requirements for applicants for teaching staff positions are determined by the Unified Qualification handbook In accordance with the Order of the Ministry of Healthcare and Social Development of the Russian Federation dated 11.01.2011 No. 1n "On Approval of the Unified Qualification Directory of Positions of Managers, Specialists and Employees, Section "Qualification Characteristics of Positions of Managers and Specialists of Higher Professional and Additional Professional Education". The process of consideration of candidates for teaching positions is regulated by [Regulations on the Procedure for Filling the Positions of Teaching Staff Belonging to the Teaching Staff, approved by the Order of the Ministry of Education and Science of the Russian Federation dated 23.07.2015 No. 749 "On Approval of the Regulation on the Procedure for Filling the Positions of Teaching Staff Related to the Teaching Staff"](#).

The job description of each faculty reflects the responsibility of the academic staff. Performance appraisals of employees are carried out on a regular basis at special attestation commissions.

5.1.4. In accordance with the local legal acts of the university, it is determined that the university employees in their activities are guided by the Mission, Vision, Policy and Goals in the field of quality, documents necessary for the functioning of the quality management system in accordance with the requirements of STB ISO 9001. [The Charter](#) of the University contains a norm according to which the University is guided by the Constitution of the Russian Federation in its activities. The University respects the rights and freedoms of each employee without any discrimination on gender, age, nationality, religion, political preferences, beliefs, etc.

The university has sufficient economic conditions to attract the best employees from among the teaching staff. More than 52% of the university's funding is provided by extra-budgetary activities, which makes it possible to increase the salaries of teachers and other employees. The average salary of university teachers in 2022 is 213.49% of the average income from labor activity in the constituent entity of the Russian Federation (Volgograd Region), and the average salary of university employees is 166.11%.

5.2. PERSONNEL ACTIVITY AND DEVELOPMENT POLICY

5.2.1. When planning the volume of work of the teaching staff at the university, a balance is maintained between various types of pedagogical activities: educational work, educational and methodological, organizational, research, medical activities necessary for the practical training of students (for clinical departments), educational work and activities to improve the qualifications of a pedagogical worker. Planning is carried out for the academic year in accordance with the Order of the Ministry of Education and Science of the Russian Federation of December 22, 2014 No. 1601 "On the Duration of Working Hours (Norms of Hours of Pedagogical Work for the Wage Rate) of Pedagogical Workers and on the Procedure for Determining the Teaching Load of Teachers Stipulated in the Employment Contract", [Regulation on Planning and Accounting for the Work of Teachers in the Federal State Government-Funded Educational Institution of Higher Education "Volgograd State Medical University" of the Ministry of Healthcare of the Russian Federation dated 09.06.2021 No. 659-KO](#), [Procedure for planning the volume of work of teachers of the Federal State Government-Funded Educational Institution of Higher Education "Volgograd State Medical University" of the Ministry of Healthcare of the Russian Federation in the electronic information and educational environment of the university dated 08.02.2023 No. 155-KO](#). The workload of each teacher is regulated [by an individual plan](#), which reflects the distribution of types of all types of work differentially depending on the position held.

The personnel policy pursued by the university guarantees the recognition of all types of activities of the teaching staff. Assessment of their activities is carried out based on the

results of educational, methodological, organizational, research work, medical activities necessary for the practical training of students (for clinical departments), and educational work. The University applies various methods of material and non-material incentives, motivation and promotion of employees for achievements in the educational and professional spheres, which directly affect the professional development of employees.

The university has introduced and is improving a system of rating assessment of the activities of teaching staff of departments, which is regulated by the [Regulation on the rating assessment of the activities of teachers of the Federal State Government-Funded Educational Institution of Higher Education of VolgSMU of the Ministry of Healthcare of Russia](#)", approved by order No. 439-KO dated 03/28/2022, order No. 517-KO dated 03/28/2023. The main task of this system is to stimulate the growth of qualifications, professionalism, productivity of pedagogical and scientific work, the development of the creative initiative of teachers by differentiating their work. The PRs of the departments themselves are actively involved in the development of rating evaluation criteria, putting forward proposals for their optimization. [Proposals received from the departments are summarized, systematized by the DEP and submitted in the form of a consolidated memo for consideration by the rating evaluation commission.](#)

Recognition of the worthy academic activity of the teaching staff is carried out at the university, including through material remuneration.

The University has sufficient economic conditions to encourage employees in accordance with [the Regulation on Remuneration of Employees, approved by Order No. 536-KO of the Federal State Government-Funded Educational Institution of Higher Education of the Ministry of Healthcare of Russia dated 04/29/2021.](#)

In order to increase the motivation of high-quality work and encourage employees of the structural divisions of the university for the work performed, incentive payments are provided for the presence of a medical qualification category, for the quality of work performed (in points), for the intensity of work, for high work results. Incentive allowances are established for employees taking into account the criteria that make it possible to assess the effectiveness and quality of their work, methods for assessing and establishing qualitative indicators of employees' performance. Incentive allowances are established both as a percentage of the employee's official salary and in absolute amount. Employees of the university employed at the main place of work are paid allowances for the presence of an honorary title, honorary badges of the Russian Federation, badges, Certificates of Honor of the Ministries of the Russian Federation.

For achievements in professional activities, university employees are presented with various types of incentives, such as the Chancellor's Acknowledgement, the Chancellor's Certificate of Honor, the Badge of Honor "For Merit to the University" (has 3 degrees), the honorary title (status) "Honorary Professor", approved by the order of the [Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia dated 23.12.2020 No. 1564-KO "On approval of the Regulations on awards and honorary titles \(statuses\) of the VolgSMU of the Ministry of Healthcare of Russia"](#), as well as awards of local self-government bodies, ministries and departments of the Russian Federation, in accordance with the regulations on awarding the relevant bodies.

Candidates proposed for awarding are considered by the [Academic Council of the University](#).

Information on the awarding of university employees is presented in the table:

Type of Promotion	2019	2020	2021	2022	2023
State Awards	2	-	3		-
Awards of ministries and departments, local self-government bodies, etc.	34	105	113	0	88
University Awards	153	90	27	2	21

In its activities, the teaching staff of the Faculty of Pharmacy (dean's office and 5 departments) was awarded:

Dean's Office of the Faculty of Pharmacy:

Natalia Vyacheslavovna Rogova - Dean of the Faculty of Pharmacy, Badge of Honor "Excellence in Healthcare of the Russian Federation" (2020), Certificate of Honor of Volgograd State Medical University (2019), Gratitude of Volgograd State Medical University (2015), Certificate of Honor of the Governor of the Volgograd Region (2015), Badge of Honor "For Merit to Volgograd State Medical University" II degree (2015, 2010), Certificate of Honor of the Ministry of Healthcare (2005).

Klochkova E.A. - Deputy Dean of the Faculty of Pharmacy, Certificate of Merit of the Ministry of Healthcare (2020), Certificate of Merit of VolgSMU (2019);

Zaitseva E.V. - Head of Educational and Production Practices of the Faculty of Pharmacy, Badge of Honor "Excellence in Healthcare of the Russian Federation" (2012), Badge of Honor "Excellence in Quality" (2015), Gratitude of VolgSMU (2019).

Heads of departments of the Faculty of Pharmacy:

Brel Anatoly Kuzmich – Head of the Department of Chemistry, Honorary Professor of Volgograd State Medical University, Honored Worker of the Higher School of the Russian Federation (2009), Honorary Worker of Higher Special and Professional Education of the

Russian Federation, awarded the Badge of Honor "For Merit to the Volgograd State Medical University" II degree (2017), Certificate of Merit of the Ministry of Science and Higher Education of the Russian Federation (2020), Laureate of the Volgograd Region Prize in the field of science and technology (2020), Certificate of Honor of the Volgograd State Medical University, Regional Duma (2022);

Yanitskaya Alefina Vladimirovna - Head of the Department of Pharmacognosy and Botany, Honorary title "Honorary Worker of Education of the Russian Federation" (2020);

Alexander A. Ozerov – Head of the Department of Pharmaceutical and Toxicological Chemistry, Certificate of Merit of the Volgograd Regional Duma (2023), Honorary Title "Honorary Worker of Education of the Russian Federation" (2020), Honorary Title "Honorary Professor of VolgSMU" (2019);

Olga G. Strussovskaya - Head of the Department of Pharmaceutical Technology and Biotechnology, Certificate of Merit of the Ministry of Science and Higher Education of the Russian Federation (2021).

Based on the results of work, annually, a number of teachers are transferred to higher positions, recommended for inclusion in the personnel reserve for a managerial position. Information [on the results of work assessment and recognition of achievements in all types of activities](#) is presented at the Academic Council of the University, in [the university newspaper "For Medical Personnel"](#), on the official [website](#) of the university.

5.2.2. In order to confirm the compliance of an employee with the position of a teaching staff member held by him/her at the university, certification is carried out in accordance with [the Regulation on the procedure for certification of employees holding the positions of teaching staff belonging to the teaching staff, approved by the Order of the Ministry of Education and Science of Russia dated 30.03.2015 No. 293 "On approval of the Regulation on the procedure for certification of employees, holding the positions of teaching staff belonging to the teaching staff"](#); In order to confirm the compliance of employees with the positions of researchers held by them on the basis of an assessment of the results of their professional activities, the university conducts certification of researchers in accordance with the [Order of the Ministry of Education and Science of Russia dated 05.08.2021 No. 714 "On Approval of the Procedure for Certification of Employees Holding the Positions of Researchers"](#), [Regulations on the Attestation Commission for the Certification of Employees Holding the Positions of Researchers, approved by Order No. 258-KO of the VolgSMU of the Ministry of Healthcare of Russia dated 02/22/2022](#).

On a regular basis, the university provides training for the teaching staff of the university under advanced training [and retraining](#) programs on the basis of the Regulation on

the organization of additional professional education of teachers of the Federal State Government-Funded Educational Institution of Higher Education of the VolgSMU of the Ministry of Healthcare of Russia, approved by the Federal State Medical University. Order No. 400-KO dated 15.03.2023 and the [Regulations on the Development and Implementation of Additional Educational Programs at Volgograd State Medical University, approved by Order No. 1624-KO dated 28.09.2023](#).

To systematize the training of teaching staff, the [Center for Additional Education of the Institute of Public Health named after N.P. Grigorenko](#) was created at the university.

The plan for advanced training and retraining of the university's teaching staff is approved by the Vice-Chancellor for Educational Activities for the academic year and includes training within the framework of the following programs: [PP "Teacher of Vocational Education, Additional Professional Education"](#), [AT "Information and Communication Technologies in the Electronic Information Environment"](#), [AT "Inclusive Learning and Development of Adapted Educational Programs at the University"](#), as well as [other AT programs within the framework of pedagogical and educational activities](#).

Training in advanced training programs for managers and specialists of the health care system is carried out at least once every 5 years. In addition, managers and specialists of the health care system engaged in pedagogical activities are trained in AT programs once every five years [as part of pedagogical and educational activities](#). In order to organize training in English, the Volgograd State Medical University has a system of language training for teaching staff, which is carried out by the [Center for Continuing Education of the Institute of Public Health named after N.P. Grigorenko](#).

5.2.3. The calculation of the number of teaching staff is carried out for the academic year, taking into account the specifics of training in the specialty. The norm of the ratio of the average annual number of students per teacher in general at VolgSMU is 9.0:1. BVEP of the specialist in the specialty 33.05.01 Pharmacy, this indicator is 8.5-9.0 students per 1 teacher.

5.2.4. In order to motivate the professional growth of promising employees and create conditions under which their managerial potential will manifest to the maximum extent: a bank of "[reservists](#)" is being formed from among the academic staff to fill managerial positions; approved a list of additional competencies, skills, and abilities required for the head of a structural unit that meets modern requirements in order to train employees in the talent pool; approved the program and terms of training (CPE on the basis of the leading educational organizations of the country), which allow to form the required competencies, increase the level of professional knowledge of "reservists"; [the advanced training program "Head of an Educational Organization \(Management in the Field of Education\)" is being](#)

[implemented on the basis of the](#) Central Educational Institution of Health named after N.P. Grigorenko in the amount of 18 academic hours with the involvement of the heads of departments of the University; academic mobility is being developed (internships in leading educational institutions in Russia and neighboring countries, exchange of experience within the framework of business trips).

The University has introduced and is actively developing a mentoring system aimed at ensuring continuity, transferring the accumulated experience, improving the quality of individual training of young specialists entering the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia. This allows young specialists to develop the necessary professional skills, acquire professional skills and a high level of competence in the shortest possible time and qualify for further advancement in the The recommended temporary scheme for the transfer of teaching staff along the qualification (career) ladder was approved [by the Order of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia dated 15.02.2023 No. 239-KO "On Approval of the Regulation on the Personnel Policy of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia for 2023-2026"](#). The Department of Science, Innovation and Training of Scientific and Pedagogical Personnel together with the Head of the Structural Unit: approves for each member of the teaching staff Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation an [individual roadmap](#) for a period of 5 years (Appendix 3 of the Regulations on the Personnel Policy of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia for 2023-2026); holds annual meetings with the teaching staff of the Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation in order to improve the degree; provides methodological support, control of the stages of academic career, movement on the qualification ladder of the teaching staff of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia from compliance with the recommended time limits for relocation.

The recommended time scheme for moving the teaching staff along the qualification (career) ladder is presented in the table:

No Stage	Start of the stage	End of Phase (Target)	Term, years	Term of employment contract, years
I.	Employment as an	Dissertation defense for	3 to 5 years	Three years

	assistant or teacher	the degree of Candidate of Medical Sciences		if the target of the stage is reached - up to five years
II.	Promotion to the position of "Associate Professor"	Obtaining the academic title of Associate Professor	up to 3 years	up to five years
		Dissertation defense for the degree of Doctor of Science	5-10 years	
III.	Promotion to the position of "Professor"	Obtaining the academic title of professor	5-10 years	up to five years

In order to carry out effective teaching in the intermediary language (English) and active participation in international activities, the teaching staff of the university are taught [a foreign language](#) in two forms: initial training and repeated training (advanced training).

In addition, the teaching staff of the university takes part in various scientific and practical conferences and congresses, which is part of the system of their continuous education.

Scientific research is carried out by teaching staff and researchers through participation in research projects in relevant areas of medical science, national projects in the field of healthcare, taking into account national and global challenges to the healthcare system. Based on scientific research conducted by the teaching staff and researchers, in the period 2019-2023, 17 dissertations for the degree of doctor and 82 dissertations for the degree of candidate of sciences were defended. The results of scientific research, which are of particular importance for the health care system, are presented in the form of 81 patents for inventions, 242 acts of implementation, which are subsequently used in medical practice. Employees of the university are the developers of clinical protocols and recommendations. 12440 [scientific works of the staff are presented in](#) Russian and international scientific journals, etc. These results are implemented through the publication of monographs, textbooks, methodological recommendations, manuals, including those carried out by the teaching staff of the Faculty of Pharmacy and are presented in Appendix 5.4.

In accordance with the requirements of the federal state educational standards of higher education in the specialties implemented at the university, at least 10 percent of the number of teaching staff of the Organization participating in the implementation of specialist, master's, residency programs, and persons involved by the Organization in the implementation of specialist, master's, residency programs on other terms (based on the number of substituted rates reduced to integer rates) are involved. [are managers and \(or\) employees of other organizations engaged in labor activities in the professional field corresponding to the professional activity for which graduates are being trained.](#)

Stimulation of the scientific activity of the teaching staff of the university is carried out at the expense of the system of internal scientific grants in accordance with [the Regulation on the intra-university competition of research works, approved by the Ministry of Education. Order No. 1288-KO of 03.11.2020. Support of teaching staff in the preparation of applications for participation in competitions of the UMNIK program, grants from Volgograd State Medical University, the President of the Russian Federation, the Russian Science Foundation, etc.](#) Expansion of the involvement of teaching staff as lecturers at scientific and practical conferences at the international, all-Russian and regional levels in order to develop communication, establish scientific ties between employees of leading universities in Russia and abroad and organize joint scientific research.

The HR policy is aimed at increasing the level of human resources. The university provides all employees with equal opportunities to realize their abilities and grow in their careers. In case of effective performance of official duties, active scientific, pedagogical, educational, methodological, organizational and educational activities, successful clinical work, teachers are recommended for higher positions, which are replaced by the results of election by competition. [Announcements about the competition](#) are posted on the official website of the university at least two months before the date of its holding. Another important mechanism for promoting the teaching staff is the formation of a reserve of managerial personnel and a promising personnel reserve in accordance with the [Regulation on the personnel policy of the Federal State Government-Funded Educational Institution of Higher Education of the VolgSMU of the Ministry of Healthcare of Russia for 2023-2026](#).

SWOT analysis according to the standard "Academic Staff/Faculty"	
Strengths	Weaknesses
Effective system of selection and placement of personnel	Increase in the average age of teaching staff
Increasing competition among teachers through the open publication of information about competitions for vacant positions of academic staff	The initial stage of the development of the program of academic mobility of teachers.
Conditions have been created for high research activities. Scientific research and developments of the university staff are widely implemented in the educational process and medical practice	
High degree of teaching staff of the university	
Conditions have been created for continuous professional training and professional advancement of employees	
An effective mentoring system aimed at ensuring continuity, transferring the accumulated experience, improving the quality of individual training of young specialists	
Motivation of teaching staff to achieve the strategic goals of the university through the incentive system and rating control of the quality of teachers' activities	
Sufficient economic conditions to attract and reward the best academics	

SWOT analysis according to the standard "Academic Staff/Faculty"	
An opportunity for teaching staff to continue continuous professional development by taking advanced training and retraining courses for practical healthcare specialists and managers on the basis of the Center for Continuing Education.	
Possibilities	Threats
Involvement of practical health care workers in teaching activities due to a developed network of medical and pharmaceutical organizations in the region.	Competition of the Level of Wages in the System of Education and Practical Health Care
	Number of academic staff who speak a foreign language (English) and teach in two languages, due to the increase in the number of foreign students

According to the "Academic Staff/Faculty Department" standard, 8 criteria are disclosed, of which 8 have a strong position, 0 is satisfactory and 0 is expected to improve.

6. EDUCATIONAL RESOURCES STANDARD

6.1. MATERIAL AND TECHNICAL BASE

6.1.1. The most important strategic task of VolgSMU of the Ministry of Healthcare of Russia is the comprehensive development of the university's infrastructure, which provides the opportunity for effective and timely implementation of the tasks of strategic development of the educational, scientific and medical potential of the university.

Training in the specialty 33.05.01 Pharmacy is carried out at 25 structural divisions (departments) of the university and allows students to use all the possibilities of the educational and material base of the Volgograd State Medical University of the Ministry of Healthcare of Russia.

The educational and material base of the VolgSMU of the Ministry of Healthcare of Russia includes buildings for educational and social purposes, including: 8 educational buildings; [3 dormitories](#) with a total capacity of 1380 people; [Scientific and Fundamental Library](#), Volgomed Sports and Recreation Complex, [Sports and Health Camp](#), Multidisciplinary [Clinic No. 1](#), Family Medicine Clinic, [Electronic Medical Education Center](#), Dental Practice [Center](#), [Veterinary Center](#) _ _ , [Dental Clinical and Diagnostic Center](#), Scientific Center for the Development of Innovative Medicines with Pilot Production. [Each dormitory](#) has student recreation areas, a gym, and _ a sports ground. Educational buildings are equipped with a canteen or buffet. The total area of premises for education, accommodation, research, medical, creative, social and humanitarian, extracurricular and other activities is about 162000 sq. m (information in a [special tab of](#) the official website of VolgSMU). Information on the material and technical support and equipment of the educational process in the context of the BVEP specialist in the specialty 33.05.01 Pharmacy

is available by hyperlinks on the corresponding [summary tab](#) ([Material and technical support of the Pharmacy \(specialist's programme\)](#)).

The university [has created conditions to ensure inclusive education of students](#) belonging to the category of disabled and persons with disabilities in the programs of secondary vocational, higher and additional education, which is conducted [by the Department of Inclusive Education of VolgSMU](#). When teaching students with disabilities, it is planned to receive and transmit information in forms accessible to them using both distance and contact educational technologies.

A modern unique style of design of residential and educational buildings has been introduced at VolgSMU in accordance with [the university's brand book](#). The modernization of dormitories [continues, centers are being created that allow them to combine medical, scientific and educational activities](#). The activities planned as part of the modernization of the [infrastructure and material and technical base of the university are described in detail on pages 53-62](#). The development program of the VolgSMU of the Ministry of Healthcare of Russia for 2022–2024, adopted by the [decision of the Academic Council of](#) the university dated 04/13/2022.

The university has created a security system – [the Integrated Security Department](#) and appointed responsible personnel who ensure safe training and a safe learning environment (see, for example, the [order "On the appointment of persons responsible for fire safety"](#)). Instructive materials on fire safety, actions in case of emergencies have been developed; as part of the measures to counter terrorism and ensure The Regulation on access [control and intra-facility regime at the facilities of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University](#) of the Ministry of Healthcare of the Russian Federation was approved. Regular briefings are held with university employees and students on compliance with the requirements of labor and rest protection, labor and performance discipline. The premises of the university are equipped with systems and equipment to create a safe environment (fire extinguishers, fire-fighting "hoses", evacuation scheme, etc.). In Chemical Laboratories Fume hoods are available.

Professional staff is responsible for ensuring and constantly maintaining the university's infrastructure, creating a safe learning environment for students and teachers, including an inclusive environment for students with disabilities and persons with disabilities, managing the economic activities of educational buildings in accordance with [the Regulations on the Department of Capital Construction, Major Repairs and Operation of Buildings and Structures](#).

6.1.2. All structural subdivisions of VolgSMU keep records of equipment and equipment, material and technical resources. Records are kept of all classrooms and other premises, including rooms for independent work of students, for the purpose of their rational use. Depending on the number of hours required for the implementation of the BRI, the staffing table of the teaching staff is planned for the university as a whole and for each department. Structural subdivisions, including departments, determine their needs and inform management by submitting memoranda, as well as requests for the purchase of resources, repairs, and changes in the staffing table. The sufficiency of the provision of resources is monitored during audits, scheduled, comprehensive inspections, when drawing up [certificates of readiness for the new academic year](#) of faculties/institutes. All identified needs are analyzed, measures for continuous improvement of the material and technical base established in the Development Program of the Federal State Government-Funded Educational Institution of Higher Education of [Volgograd State Medical University of the Ministry of Healthcare of Russia for 2022-2024](#), in accordance with which the university budget is planned, are justified.

The management of the distribution of funds and the provision of educational and other processes with financial resources is carried out by [the planning and financial management, the accounting and financial control](#) department, the marketing and procurement department. [The functions of the departments are the creation of](#) organizational, [economic, accounting and other conditions necessary for the implementation of all types of activities of the university in accordance with the Regulations on Offices](#). Thus, the renewal of the material and technical base is carried out with the assistance of the [Marketing and Procurement Department through the implementation of the procurement plan for the current calendar year, drawn up on the basis of requests from structural units; the implementation of plans for current and major repairs of educational buildings, dormitories and other premises and structures in accordance with the procurement regulations adopted at the university](#).

Within the framework [of the Higher School of Education, on behalf of the management, the university](#) conducts comprehensive inspections of regulatory, organizational and administrative documentation in terms of the legality of the use of buildings, structures, structures, premises, the provision of guarantees for the safety of the educational process and the legality of the use of information systems and technologies (see paras. [report on the results of the due diligence in the 2022-2023 academic year](#)). In the course of such inspections, the deans of faculties, directors of institutes submit memos to the higher management [for](#) analysis and submission of proposals for optimizing the location of the departments of VolgSMU, indicating the departmental needs.

Summary information on the modernization of the material and technical support of the departments of VolgSMU for the implementation of the educational process in 2022 - incomplete 2023, the modernization of the material and technical base of the library was covered [in the report of the Vice-Chancellor for Educational Activities](#) on the issue of improving educational activities in the 2022/2023 academic year, heard at the [Academic Council of VolgSMU dated 05/17/2023](#) (pp. 58, 85).

6.2. RESOURCES FOR PRACTICAL TRAINING

6.2.1. The management of the VolgSMU of the Ministry of Healthcare of Russia and the Dean of the Faculty of Pharmacy, understanding the high importance of the quality of practical training, have created their own clinical base on the basis of the university, which meets all the needs of practical training in BVEP specialist in the specialty 33.05.01 Pharmacy.

In order to improve the quality of practical training of students [of the Faculty of Pharmacy, on June 1, 2016, the](#) Interdepartmental Center for Practical Skills and Research Work of the Faculty of Pharmacy was opened. Subsequently, on the basis of the ICPN and R&D - Pharmacy, reconstruction was carried out in the educational building No. 2 at 3 Pugachevskaya Street, through its modernization and expansion of the area. The result of such large-scale work was the opening in 2021 The [main purpose of which, according to paragraph 2.1](#) of the Regulation, is to [ensure the quality of training of students in professional disciplines of the specialty 33.05.01 Pharmacy and students in residency programs in pharmaceutical specialties. Such a platform is](#) a miniature simulated version of a pharmaceutical enterprise a full production cycle with areas for receiving, storing and shipping goods, laboratories for pharmacy and factory production of medicines, distillation and sterilization rooms, a control and analytical laboratory, sales halls with open and closed forms of displaying goods, a simulated first aid area. The simulation pharmacy of VolgSMU has become a successful educational platform of the Faculty of Pharmacy for conducting practical classes in the BVEP specialist in the specialty 33.05.01 Pharmacy and practicing practical skills and abilities in disciplines specialized for the future pharmacist, implemented by educational and production practices, including industrial practice - research work of students. Also, the Simulation Pharmacy of VolgSMU is a simulation platform for preparing graduates of the Faculty of Pharmacy for the successful passing of practical skills and abilities during the state final certification and [initial accreditation of specialists in the specialty 33.05.01 Pharmacy.](#)

For the implementation of practical training in the BVEP specialist degree in the specialty 33.05.01 Pharmacy, 16 contracts have been concluded with organizations of the pharmaceutical industry of the region or having a scientific orientation.

The characteristics of the clinical bases of the BVEP specialist in the specialty 33.05.01 Pharmacy are presented in Table 6.1.

The characteristics of the production bases are presented in Table 6.2.

Table 6.1. Characteristics of clinical bases

№	Name of the base/branch and date of conclusion of the contract (<i>if any</i>)	Legal address	Bed capacity (<i>subject to availability</i>)	Name of Clinical Disciplines	Number of training groups or clinical rotations	Number of study rooms/ Audiences
1	Clinic No. 1 of VolgSMU			Training Practice (First Aid Practice)	5 clinical rotations	
2	Clinical Hospital No. 4 from 24.12 2018	400065, Volgograd, Opolchenskaya str., 40		Training Practice (First Aid Practice)	6 clinical rotations	8
3	Volgograd Regional Clinical Hospital No. 3 from 13/02/2018	4000001, Volgograd, Tsiolkovsky str., 1		Training Practice (First Aid Practice)	6 clinical rotations	11

Table 6.2. Characteristics of production bases

№	Types, names of practices	Year of study						How the internship is distributed in the semester (in parallel with the study of disciplines/separately, in separate terms)	Production base	Position of the head of the practice base
		1	2	3	4	5	6			
1	Educational Practice (Pharmaceutical Propaedeutic Practice)	+						In parallel with the study of disciplines (distributed practice)	Simulation Pharmacy of VolgSMU, Volgofarm, Vega LLC, Centravr LLC, Jupiter LLC (Vita pharmacy chain), Zdravcity e-pharmacy, Staraya Sarepta Historical, Ethnographic and Architectural Museum-Reserve	Associate Professor of the Department of Clinical Pharmacology and Intensive Care Knyazeva Y.S.
2	Educational practice (practice in botany)		+					In parallel with the study of disciplines (distributed practice)	VolgSMU Simulation Pharmacy with Excursion Routes, Volgograd Regional Botanical Garden	Staff of the Department of Pharmacognosy and Botany: Associate Professors Zemlyanskaya I.V., Sorokina E.V., Ostanina M.V.
3	Educational			+				In parallel with the study of	Simulation pharmacy of VolgSMU	Staff of the Chair of

	practice (practice in pharmacognosy)						disciplines (distributed practice)		Pharmacognosy and Botany: Associate Professors Yanitskaya A.V., Zemlyanskaya I.V., Ostanina M.V., Senior Lecturer Nedilko O.V., Assistant Professor Sargsyan I.K.
4	Educational Practice (Practice in General Pharmaceutical Technology)				+		In parallel with the study of disciplines (distributed practice)	Simulation pharmacy of VolgSMU	Staff of the Department of Pharmaceutical Technology and Biotechnology: Head of the Department. Strusovskaya O.G., assistants Zaitseva E.V., Rytchenkov S.V.
5	Internship (Practice in Quality Control of Medicines)				+		In parallel with the study of disciplines (distributed practice)	Volgograd Branch of the Institute of Catalysis of the Siberian Branch of the Russian Academy of Sciences, Volgogpharm, Simulation Pharmacy of VolgSMU, SCIM VolgSMU	Staff of the Department of Pharmaceutical and Toxicological Chemistry: Head of the Department, Prof. Ozerov A.A., Prof. Novikov M.S., Associate Professors Solodunova G.N., Paramonova M.P., Gureeva E.S., Pokrovskaya Yu.S. Bazhina A.A.
6	Internship (Internship in Pharmaceutical Technology)				+		separately, in separate periods, concentrated	VO SUE "Volgofarm", Simulation Pharmacy of VolgSMU, Municipal Unitary Enterprise Pharmacy "Flora", State Government-Funded Healthcare Institution "All-Russian Clinical Hospital No. 1"	Staff of the Department of Pharmaceutical Technology and Biotechnology: Head of Department. Strusovskaya O.G., assistants Zaitseva E.V., Rytchenkov S.V.
7	Internship (practice in management and economics of pharmaceutical				+		separately, in separate periods, concentrated	VO SUE "Volgofarm", Simulation Pharmacy of VolgSMU, Vega LLC, Centravr LLC, Jupiter LLC (Vita pharmacy chain), FC Grand Capital Volgograd LLC, Maksavit Management	Staff of the Department of Management and Economics of Pharmacy, Medical and Pharmaceutical Commodity Science: Head of the

	organizations)								Company LLC, Individual Entrepreneur Golovko M.A., IE. Polonenkova I.A., LLC "Melzdrav", LLC "Cetus"	Department. Ganicheva L.M., Prof. Vetyutneva N.A., Ass. Leontyeva E.K.,
8	Internship (Pharmaceutical Consulting and Information Practice)				+		separately, in separate periods, concentrated		VO SUE "Vologofarm", Simulation Pharmacy of VolgSMU, Vega LLC, Centravr LLC, Jupiter LLC, Maksavit Management Company LLC, Individual Entrepreneur Golovko M.A., IE. Polonenkova I.A., LLC "Melzdrav", LLC "Cetus"	Staff of the Department of Clinical Pharmacology and Intensive Care: Assoc. Levina Y.V.
9	Internship (research work)				+		separately, in separate periods, concentrated		Laboratories of the National Center for Laboratory Studies of Volgograd State Medical University, scientific laboratories of the departments of Volgograd State Medical University	Part-time and staff of the Department of Pharmacognosy and Botany: Head of the Department. Yanitskaya A.V., Associate Professors Zemlyanskaya I.V., Babkov D.A., Gurova N.A., Litvinov R.A., Maltsev D.V., Sirotenko V.S., Kucheryavenko A.F., Kalitin K. Yu., Taran A.S., Vetyutneva N.A., Vyshemirskaya E.V., Rogov V.A., Ganicheva L.M., Zakharova M.G., Leontyeva E.K., Pletneva I.V., Ozerov A.A., Smirnova L.A., Strusovskaya O.G., Fedotkina S.N., Tyurenkov I.N.

6.3.2. Organization and conduct of all types of practice (educational and industrial) in the BVEP specialist specialty in the specialty 33.05.01 Pharmacy is carried out in accordance with the [Regulations on the practical training of students in professional educational programs of medical or pharmaceutical education at the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University](#) of the Ministry of Healthcare of Russia. It is reviewed and approved annually [by the relevant order of the relevant vice-rector](#) a list of organizations for internships for VolgSMU students in the current academic year.

6.3. INFORMATION TECHNOLOGY

6.3.1. The management of the processes of informatization and digitalization is carried out [by the Department of Information Development](#), which is responsible for expanding the opportunities for obtaining and using electronic educational information, improving the quality of training specialists based on modern achievements of medical science and practice, improving the system of training qualified specialists of the university who are proficient in modern information technologies, and developing information infrastructure of Volgograd State Medical University, in accordance with the Regulation on the Department of Information [Development. At the same time, the protection of information containing personal data is carried out in accordance with the](#) Regulation on Work with Personal Data in the Federal State Government-Funded Educational Institution of Higher Education of VolgSMU of the Ministry of Healthcare of Russia.

Since 2007, the [Allegro media studio of VolgSMU has been operating](#), equipped with professional audio and video equipment, sound recording equipment, computer video editing and a mobile photo studio, which allows you to create modern multimedia, presentation materials, educational videos and video lectures, Internet sites, and conduct live broadcasts. [The media studio](#) is organized as a multidisciplinary educational student center that integrates opportunities for the development of students' competencies in the following areas: news journalism, science journalism, reportage photography, advertising photography, product photography.

Information systems are used to improve the ISAQE of VolgSMU. The main of them is the [ISKRA software package](#), on the basis of which the personal accounts of the student and the teacher function, the management of the processes of contingent movement, scholarship support, material assistance to students, recording the course of the educational process and the results of mastering the educational program, the formation of students' portfolios, the management of information about personnel provision of educational programs, electronic individual plans of teaching staff. The possibilities [of the VolgSMU](#)

[EIEP](#) are actively used as a platform for conducting various monitoring (surveys, diagnostic work, etc.).

6.3.2. The strategic goal of the digital transformation of VolgSMU is to create a system for introducing the latest educational and medical technologies into the university's activities and promoting its own innovative developments in the market of educational and medical services according to the [Development Program of the Federal State Government-Funded Educational Institution of Higher Education of VolgSMU of the Ministry of Healthcare of Russia for 2022–2024](#) (p. 63). Thus, LMS systems on the Moodle platform for students and listeners, an electronic library system (based on the AILS MARK SQL platform), and an electronic document management system (EDMS Directum) have been deployed. The [implementation of the "IC: PROF University" system](#) has begun. VolgSMU is connected to the Super Services: "[Admission to the University Online](#)" subsystem "[Federal Register of Electronic Medical Documents](#)" of the Unified State Health Insurance System ([REMD](#)).

The University has a sufficient amount of information and communication equipment, as well as special hardware and software (Annex 6.1). A single information network of the university unites all buildings, dormitories and clinical departments. Information on the use of digital technologies by VolgSMU and the production of related goods and services for 2022 in the form No. 3-inform is available [at the link](#).

6.3.3. In the educational process of the BVEP specialist in the specialty 33.05.01 Pharmacy, computer programs are used that simulate processes that allow you to perform calculations and analysis of various situations, for example, when studying the disciplines "Bioinformatics", "Applied Biostatistics", "Information Technologies in Professional Activity", etc. storage, processing of information, skills of working with a computer as a means of information management, solving standard tasks of professional activity using information, bibliographic resources, medical/pharmaceutical terminology, information and communication technologies and taking into account the basic requirements of information security.

Students of the BVEP specialist degree in the specialty 33.05.01 Pharmacy have the opportunity to access websites and other mass media: for example, in the course of training, electronic resources are used: [State Pharmacopoeia of the Russian Federation XV edition](#), [State Register of Medicines of the Ministry of Healthcare of the Russian Federation](#), [Methodological Center for Accreditation of Specialists](#), [official website of the state system of marking and tracking Honest Mark](#), etc.

Information and library support of educational and research activities of the university is carried out by the library of [VolgSMU](#), which is equipped with the necessary equipment, computer equipment, means of communication, has free access to the Internet and provides a variety of library and information services, following the principles of their openness and accessibility.

The University Library is located in 2 buildings at the following addresses: 1 Fallen Fighters Square and 45a Kozlovskaya Street (dormitory No. 3).

At 1 Fallen Fighters Square, the following service department is located:

subscription of services for foreign students in an intermediary language;

an industry-wide subscription that caters to all categories of readers for a limited period of time;

a reading room with 54 seats (including 15 workplaces with Internet access), with open access to publications equipped with RF tags. In the reading room there are: the Center for Collective Use for Interdisciplinary Training of Disabled People and Persons with Disabilities, the Center for Social and Domestic Adaptation of Disabled People and Persons with Disabilities. The centers are equipped with the necessary equipment for the implementation of the educational process, taking into account the peculiarities of various nosologies;

Electronic reading room for 18 workplaces provided with Internet access.

The reading rooms of the library have sufficient conditions for working with electronic educational resources. In the working area of the reading rooms, it is possible to work with databases, Internet resources, the electronic catalog of the library, the CD fund, electronic versions of educational and methodological materials, testing programs, etc.

There is a system of remote access to information resources via the Internet. The library website serves as a single access platform, which provides information about the library, its information potential, services to support scientific research and the educational process, the organization of virtual services, a news feed, etc.

The library's collection consists of 855,800 units of printed and electronic documents (of which 740466 printed and physical documents).

The fund of printed publications is represented by educational and methodical literature, scientific, reference, as well as periodicals. The fund was formed taking into account the disciplines and practices implemented at the university.

Taking into account the requirements of the Federal State Educational Standards, the library collection includes electronic publications. Since 2015, the Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation has created and is

constantly updating the electronic library system "EBS VolgSMU", which is part of the electronic library. As of 01.11.2023, subscriptions are made to 15 online professional electronic full-text databases, 115334 of posted electronic documents.

On the library's website in the "Electronic Library" there is [a virtual "Personal Account"](#) (authorization by surname and library card number by clicking the "Login" button), through which each reader can track information on received printed publications in the "Borrowed Books" tab: quantity, titles, issue date, return date, point of issue. For users, it is possible to make an electronic order of literature remotely, through the ["Pre-Order of Literature"](#).

The electronic full-text resources of the library are integrated into the "Electronic Information Educational Environment of VolgSMU" (EIOS) and consist of:

Generated Resources – [VolgSMU Electronic Library System](#) (hereinafter referred to as VolgSMU ELS): VolgSMU ELS databases: VolgSMU ELS [publications;Teaching Materials of Disciplines \(Components\)](#) of the Electronic Library System of VolgSMU;[Teaching materials of practitioners \(components\) of](#) the Electronic Library System of Volgograd State Medical University; [Graduation qualification works](#). Remote access to full texts by library card number (aka student number) and user's last name.

subscription resources: [EBS "Student Consultant";EBS "Doctor's Consultant";Electronic Library System "Lan Publishing House"](#), including access to the "Medicine" collection and access to the "Veterinary" collection, as well as full-text publications of the Consortium of Network Electronic Libraries, which includes industry network libraries; ["Big Medical Library"](#) on the EBS BookUp platform; [Spetslit](#) electronic library system;[electronic educational resource "Russian as a Foreign Language" \(e-Learning Resources of Russian as a Foreign Language\)](#) on the IPR Media platform; [Grebennikon Electronic Library](#); resources of the educational platform ["Yurayt"](#) (collection of secondary vocational education).

Detailed information about subscription EBS is available on the library's website in the section ["Electronic Library Systems and Electronic Educational Resources"](#).

Professional databases.

The library accumulates information purchased for the formation of the library's fund, as well as for other structures of the university.

subscription periodicals on the EastView platform;

subscription periodicals on the platform of the scientific electronic library [eLibrary.ru](#);

electronic versions of periodicals on the [Eco-Vector](#) platform;

ConsultantPlus legal reference system.

The library provides access to international scientific electronic resources provided within the framework of a centralized subscription of the Ministry of Education and Science of the Russian Federation.

Users are provided with electronic resources obtained in the test access mode. In addition to full-text resources, [bibliographic databases are available to library users, and it](#) is possible to carry out end-to-end search in the Electronic Library using databases of its own generation and subscription electronic library systems.

The Library maintains the "[Unified Information Resource of Publications](#)" – a full-text database of publications of the Scientific and Scientific Staff of VolgSMU.

Electronic Document Delivery (EDD) [is available for library users.](#) Detailed information about the services and resources is available on the library's page, on [the library's portal](#), as well as on social networks [VKontakte](#), [Telegram](#), and [RuTube](#) video hosting.

Access to the available information resources and educational materials is provided both through the Internet, which is available in all dormitories, and through the WI-FI segment of the network, as well as through computer classes for common use.

You can use the electronic information resources of the library both from the reading rooms of the library using passwords or individual accounts, and around the clock in remote access mode. All computers in the library are connected to the Internet.

Electronic library systems (electronic library) and electronic information and educational environment of the university provide simultaneous access to at least 25% of students in the educational programs being implemented.

Summary information on the dynamics of electronic library systems (ELS), electronic educational resources of the library of VolgSMU and their volume based on the results of the 2022/23 academic year was covered in the report of the Vice-Chancellor for Educational Activities [on the improvement of educational activities in the 2022/2023 academic year \(pp. 80-82\).](#)

6.4. MEDICAL/PHARMACY RESEARCH AND SCIENTIFIC ADVANCES

6.4.1. All conditions have been created at VolgSMU for organizing and conducting fruitful research work of employees and students of different levels of education. Thus, the university has [10 scientific directions/scientific schools](#), 13 schools of excellence, [7](#) dissertation councils [in](#) the head university [and 1 dissertation council](#) in the branch. VolgSMU has a powerful and advanced scientific base ([NCLS](#), [Center for Collective Use of Scientific Equipment](#), [Simulation Pharmacy of VolgSMU](#), etc.).

Achievements in the field of medicine and pharmacy, up-to-date knowledge of the humanities, basic, profile/clinical sciences are used in the BVEP specialty in the specialty 33.05.01 Pharmacy.

In addition, the research of the BRI faculty of the specialist in the specialty 33.05.01 Pharmacy is also introduced into the educational process in this BRI. For example, the Department of Pharmacology and Bioinformatics, on the basis of its scientific research, introduced into the educational process of the BRI specialist degree in the specialty 33.05.01 Pharmacy in the disciplines "Pharmacology", "New Directions of Search and Technology for the Creation of Antitumor and Antiviral Drugs", "Methodology of Preclinical and Clinical Trials of Drugs", the results of the following scientific research and developments:

- Miroshnikov M.V. Anxiolytic activity of new derivatives of diazepino-[1,2-a]-benzimidazole. 2021. Dissertation for the degree of Ph.D. Scientific supervisor, Academician of the Russian Academy of Sciences A.A. Spasov.
- Skripka M.O. Neuropsychotropic properties of new quinoxaline derivatives. 2022. PhD thesis Scientific supervisor, Academician of the Russian Academy of Sciences A.A. Spasov.
- Sirotenko V.S. Antithrombogenic properties of new tricyclic derivatives of diazepino[1,2-a]benzimidazole. 2019. Dissertation for the degree of Ph.D. in Pharmacy Scientific supervisor, Academician of the Russian Academy of Sciences A.A. Spasov, scientific consultant, Professor A.F. Kucheryavenko.
- Gaydukova K.A. Antithrombogenic activity of new benzimidazole derivatives having a shielded phenolic substituent in their structure. 2020. Dissertation for the degree of Ph.D. Scientific supervisor, Academician of the Russian Academy of Sciences A.A. Spasov, scientific consultant, Professor A.F. Kucheryavenko.
- Uskov G.M. Anticoagulant properties of new condensed derivatives of triazole. 2022. PhD thesis Scientific supervisor, Professor A.F. Kucheryavenko.
- Pharmacological properties of 9-dimethylaminoethyl-2-(4-methoxyphenyl)-imidazo[1,2-a]benzimidazole. 2019. Dissertation for the degree of Ph.D. in Pharmacy Scientific Supervisor, Academician of the Russian Academy of Sciences A.A. Spasov, Scientific Consultant, Professor D.S. Yakovlev
- Sultanova K.T. Preclinical studies of specific pharmacological and toxicological properties of a new agent for the treatment of migraine. 2021. Dissertation for the degree of Ph.D. Scientific supervisor, Academician of the Russian Academy of Sciences A.A. Spasov, scientific consultant, Professor D.S. Yakovlev.

- Zakharyashcheva O.Y. Pharmacological properties of glucokinase activators – some derivatives of nitrogen-containing heterocyclic compounds. 2020. Dissertation for the degree of Ph.D. Scientific Supervisor, Academician of the Russian Academy of Sciences A.A. Spasov
- Klochkov V.G. Pharmacological properties of new derivatives of 2-oxindol. 2022. Dissertation for the degree of Ph.D. in Pharmacy Scientific supervisor, Academician of the Russian Academy of Sciences A.A. Spasov.
- Babkov D.A. Target-oriented search for antidiabetic compounds exhibiting multitargeted action and their pharmacological properties. 2023. Dissertation for the degree of Doctor of Medical Sciences Scientific supervisor, Academician of the Russian Academy of Sciences A.A. Spasov, scientific consultant, Professor P.M. Vasiliev.

6.4.2. Research work at VolgSMU, in which the teaching staff of the Faculty of Pharmacy, graduates of the BVEP specialist in the specialty 33.05.01 Pharmacy are carried out within the framework of the implementation of state contracts, grants of the Russian Science Foundation, at the expense of funds from the federal budget in the form of subsidies, economic contract topics. [On the basis of the SCIM, research work has been carried out and is being carried out on the development of innovative medicines for the treatment of diseases, including socially significant ones: diabetes mellitus, coronary heart disease, acute cerebrovascular accident, viral diseases. Research work is also carried out on the basis of the SCIM "Medicinal Chemistry in the Creation of New Generation Drugs for the Treatment of Socially Significant Diseases" as part of a consortium of 8 research institutes of the Russian Academy of Sciences. Work is underway to develop and commercialize the hypoglycemic agent Dipiaron. Phase 3 clinical trials of the original synthetic domestic drug Angipur for the treatment of acute coronary syndrome \(including unstable angina, acute myocardial infarction\) are underway.](#)

[Work is being carried out on a preclinical study of the pharmacological and toxicological properties of substances and dosage forms](#), in particular, for the treatment of acute coronary syndrome, unstable angina, acute [myocardial infarction](#) (phases I and II clinical trials have been successfully completed), [prevention and treatment of complications of diabetes mellitus](#).

Work is being carried out on virtual screening and directed design of new active compounds, including 3D modeling, molecular docking and molecular dynamics, [using artificial intelligence methods](#), in particular, artificial neural network technologies and supercomputer computing.

Students of the BVEP specialist degree in the specialty 33.05.01 Pharmacy have the opportunity to participate in research activities from the 1st year. Since 1997, the [Scientific Society of Young Scientists and Students of VolgSMU \(SSYSS\)](#) has been operating at VolgSMU, which is a voluntary, self-governing, non-profit formation of VolgSMU students engaged in research, innovation, scientific and educational activities. SSYSS has a two-level structure: the first level is the youth scientific societies of the [structural subdivisions \(MNO\) of VolgSMU, where students](#) are directly engaged in [scientific work](#) under the guidance of experienced teachers-specialists, [and the second level is the](#) Council of SSYSS, which [plays the role of organizational and methodological support, which coordinates the work of the Ministry of Education and departmental circles,](#) [organizes](#) Annual final scientific conferences, where students and [young scientists](#) make reports [on the results of their research](#) , [and also directly participate in](#) the organization of interuniversity, regional, all-Russian and international scientific events, send students [to participate](#) in other Russian universities . Information on the participation of students in scientific research is currently presented for the BRI of the specialist in the specialty [33.05.01 Pharmacy](#) in Appendix 6.2.

In terms of the development of youth science, schools of excellence are of interest - [an educational project](#) implemented in the structure of extracurricular work, aimed at improving the specialized training of students in the system of personalized education. The activities of Schools of Excellence (CMM) are regulated by the [Regulations on Schools of Excellence of the Volgograd State Medical University of the Ministry of Healthcare of Russia](#), approved by Order No. 154-KO dated 08.02.2023.

Since 2020, the [Pharmaceutical Club](#) has been operating on the basis of the Simulation Pharmacy of VolgSMU, which has established itself as a dialogue professional and educational platform [for meetings](#) of future pharmacists and pharmacists of VolgSMU with representatives of employers in the pharmaceutical industry.

The University is the founder of [six periodicals that](#) testify to the directions of the university's science and its achievements: scientific peer-reviewed journals ["Bioethics"](#), ["Bulletin of VolgSMU"](#), ["Volgograd Scientific and Medical Journal"](#), ["Humanitarian Problems of Medicine and Public Health"](#), ["Medicinal Bulletin"](#), as well as the newspaper ["For Medical Personnel"](#). Journal articles are assigned a digital object identifier (DOI) – an international standard for identifying information about an electronic document posted on the Internet, the bibliography is specified in accordance with international standards.

6.4.3. The principles of scientific thinking, including methods of analytical and critical thinking, and scientific research methods in the BVEP specialist in the specialty 33.05.01 Pharmacy are instilled in students from the first year. At the same time, during the entire

period of study in the EP, disciplines and practices are implemented aimed at the formation and development of the principles of scientific methodology, including methods of analytical and critical thinking, synthesis and systematization of the data obtained, which is achieved by mastering both basic and humanitarian, profile/clinical disciplines and practices.

The curriculum of the BVEP specialist in the specialty 33.05.01 Pharmacy also provides for an elective discipline that teaches the basics of building scientific research - "Fundamentals of research work and project management" and there is an industrial practice "Research work".

The objectives of this type of practice are to provide students with practical skills and abilities necessary to apply the methods and principles of scientific research in their future professional activities.

This type of practice is carried out on the basis of the "Simulation Pharmacy of VolgSMU", which allows students to engage in scientific research in its modernly equipped laboratories within the framework of the work of student scientific societies of the departments of the Faculty of Pharmacy in various areas: pharmacology, pharmacognosy, pharmaceutical technology, pharmaceutical chemistry, management and economics of pharmacy.

6.5. EXPERTISE IN THE FIELD OF EDUCATION

6.5.1. VolgSMU of the Ministry of Healthcare of the Russian Federation provides:

development and implementation of [a system for assessing the quality of education](#), including the All-Russian Educational System;

the necessary conditions for carrying out assessment procedures in accordance with the [instructive methodological materials and programs](#) developed by the educational organization;

collection of the necessary information in accordance with the requirements of the assessment procedures and presentation of the results of the EQSOQ to interested users, including in the form [of reports on the results of the self-examination for the calendar year](#);

development of an action plan to improve the quality of work of the VolgSMU of the Ministry of Healthcare of the Russian Federation based on the results of participation in the ISAQE procedures;

the use of the results of the ESCO to solve the problems reflected in the educational programs of the University, as well as to increase the efficiency of activities, to achieve the results of mastering educational programs that meet the requirements of the federal state educational standards of secondary vocational and higher education, federal state

requirements for the structure of training programs for scientific and scientific-pedagogical postgraduate staff;

openness and access to information on the implementation of the ESCO at all its stages.

The most important documents that analyze the effectiveness of the implementation of the quality assurance policy are the annual Reports on the results of the self-examination of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia. Up-to-date documents and information on the self-examination procedure are posted on the university's website in special tabs "Self-examination of VolgSMU", both in the context of [the entire university](#) and [specific BRIs](#), which ensures the availability and openness of information on the state of the organization's educational activities.

6.5.2. The quality assurance policy of the university is based on the opinion of all stakeholders, which is achieved through the well-coordinated work of the collegial governing bodies of the university at all levels with the participation of the assistant rector. Information on the activities of the main collegial governing bodies of the university is reflected in Appendix 7.1. to this SAR. The specifics and importance of the work of the working groups on quality are clearly reflected in the presentations on the regulations for the activities of the above-mentioned collegial bodies (pages [7-8 and 7-8](#), _ respectively). Academic Councils faculties and institutes within the limits of their functions have the right to develop, discuss and submit for consideration the Academic Council of the VolgSMU of the Ministry of Healthcare of the Russian Federation through their representatives (mainly through the heads of structural subdivisions – chairmen of academic councils, who are at the same time members of the large academic council of the university), the development strategy of the faculty/institute, the concept of creating new departments and other subdivisions of the faculty/institute (paragraph 2.4.1 [of the Regulations on the Academic Council of the faculty/institute](#)), as well as to come up with other initiatives that contribute to the implementation [of the adopted Policy](#) and [goals in the field of quality](#) VolgSMU of the Ministry of Healthcare of Russia.

The innovative approach to education at the VolgSMU of the Ministry of Healthcare of Russia is systematic and is aimed at ensuring a high level of intellectual, personal and spiritual development of students, creating conditions for the formation and consolidation of professional knowledge, skills and abilities, the development of independent thinking, creative and creative abilities.

The University supports its employees, faculty members in conducting research in the field of pharmaceutical and medical education. In accordance with the approved regulations, VolgSMU employees are paid bonuses for conducting research in the field of medical and pharmaceutical education, to improve the educational process, to develop new EPs, to introduce new methods of teaching and learning, to increase the efficiency of medical care for the population; peculiarities of professional activity, academic degrees and titles, etc.

One of the current examples of the university's own developments is [the collective monograph "Best Educational Practices \(Cases\) of Volgograd State Medical University", 2022.](#)), which was attended by the staff of the Dean's Office of the Faculty of Pharmacy.

The university regularly holds events (seminars, round tables) dedicated to various aspects of modern pedagogy of higher education, including higher medical school ([examples](#)). Highly qualified specialists in the field of pedagogy are involved in the events, best practices and international experience are discussed.

6.6. EXCHANGE IN THE FIELD OF EDUCATION

6.6.1. The Faculty of Pharmacy of the Ministry of Healthcare of the Russian Federation actively cooperates with other pharmaceutical faculties of the Russian Federation. Curricula of the specialist degree in the specialty 33.05.01 Pharmacy are harmonized with other NGOs in the country, which allows for academic mobility of students. Transfers of students from other NGOs are carried out in accordance with [the Regulations on the Procedure for Transfer, Reinstatement to the Number of Students and the Provision of Academic Leave, Maternity Leave, Child Care Leave at the Volgograd State Medical University of the Ministry of Healthcare of Russia](#) (hereinafter referred to as the Regulation), approved by Order No. 156-KO dated 08.02.2023.

In order to ensure the high quality of education and the implementation of EP, the academic mobility of teachers is actively developing at the university within the framework of [international cooperation of the university](#). To participate in academic mobility, the best teachers with the necessary high level of training are selected on the basis of an intra-university competition, additional work is carried out with the winners in the form of individual consultations.

Academic mobility of teachers and staff of the university is realized through business trips to partner institutions of higher education and organizations for: participation in scientific and practical conferences; lectures, seminars and master classes; participation in scientific work within the framework of joint topics; implementation of joint research projects; participation in professional development programs; on-the-job training.

The BVEP of the specialist degree in the specialty 33.05.01 Pharmacy within the framework of academic mobility has the following achievements:

In 2023, VolgSMU of the Ministry of Healthcare of Russia, with the active participation of the Dean of the Faculty of Pharmacy, signed a cooperation agreement between VolgSMU and Iran in the field of pharmacy with the Mazandaran University of Medical Sciences. Within the framework of this agreement, in the 2023-2024 academic year, the exchange and reading of lectures by the teaching staff of the partner university is carried out, which are read for students of the BVEP specialist 33.05.01 Pharmacy and teaching staff of the BVEP specialist in the specialty 33.05.01 Pharmacy,

In 2018-2019, the head of the Department of Chemistry, which belongs to the Faculty of Pharmacy, Professor A.K. Brel gave lectures, conducted classes at the Bukhara Medical University (Uzbekistan) under the partnership agreement of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia (agreement dated 05.10.2017).

Students of the university in the BVEP specialist degree in the specialty 33.05.01 Pharmacy also have the opportunity to expand their knowledge in the study of disciplines and participate in scientific research to realize their abilities.

So, in 2023, a 5th-year student of the Faculty of Pharmacy A.I. Batsunov was sent for an internship at the international innovative full-cycle biotechnology company Biocad JSC (St. Petersburg), where, as an intern, he mastered the techniques of setting up various cell tests (in vitro) to assess toxicity, phagocytosis, apoptosis, carried out cell electroporation, drew up protocols and laboratory journals according to GLP.

5th year student Ageeva V.A. passed the federal stage of the All-Russian program "GosStart" in the Department for Control over the Implementation of State Programs in the Field of Healthcare of Roszdravnadzor and was awarded the certificate "Best Intern of the Federal Stage - 2023".

6.6.2. In order to ensure the high quality of education and the implementation of EP, the academic mobility of teachers is actively developing at the university within the framework of [international cooperation of the](#) university.

To conduct scientific research, the university actively engages specialists with foreign work experience or education, who received education or an academic degree outside of Russia, and continue practical work abroad.

The university has autonomy and autonomy in terms of allocating funding to support the academic mobility of university staff and students from extra-budgetary sources of funding.

The organization of student exchange is carried out in accordance with the goals (development of the necessary competencies) defined in the educational program. In order to comply with the ethical principles of selection in the implementation of student mobility programs, the dean's offices of the university guarantee compliance with the principles of equality, impartiality, and openness. Students are selected on a competitive basis by the relevant dean's offices according to the quotas determined by the International Relations Department annually on the basis of agreements with partner universities. When conducting the selection, the dean's office takes into account: academic performance of students, participation in the social and scientific life of the university, personal achievements, etc.

SWOT analysis according to the Educational Resources standard	
Strengths	Weaknesses
Availability of our own material and technical base, which allows us to provide all types of educational activities and practical training in the implemented educational programs	Insufficient participation of teaching staff, departments and students in grant activities
Constant development and renewal of the material and technical base of the university	A small number of international scientific projects
Own sports base (gyms, outdoor sports grounds, VolgSMU Sports and Recreation Camp)	Insufficient number of academic mobility programs for students in some BRIs
Location of clinical departments on the bases of health care institutions of the city of Volgograd with free access to equipment and medical facilities	Insufficient level of knowledge of the Russian language among some foreign senior students studying in English
A large number of clinical bases. Availability of our own university clinics (Family Medicine Clinic, Clinic No. 1, Dental Clinical and Diagnostic Center)	There is a shortage of accommodation for foreign and nonresident students, some of the university dormitories require major repairs
The University Library as a Part of the Information Educational Environment of the University, Students' Access to Electronic Educational Resources	Lack of classrooms/auditoriums equipped with modern equipment in the context of informatization and digitalization
The implementation of scientific, scientific, technical and innovative activities at the university is carried out in accordance with the priority areas supervised by the Ministry of Healthcare of the Russian Federation	
The high role of the university in the SFD as a center for the development of medical and pharmaceutical science	
Functioning of 10 scientific directions/scientific schools, which are the basis for the preservation and development of traditions, continuity of generations; 7 dissertation councils at the parent university and 1 dissertation council at the branch	
The university has a powerful and advanced scientific base (SCIM, simulation pharmacy of VolgSMU, etc.).	
Close connection with practical health care institutions in the planning and implementation of scientific research, which makes it possible to focus on the urgent needs of health care, concentrating resources on the development of new methods of diagnosis, treatment, and medical prevention of socially significant human diseases	
Integration of the results of scientific research into the practical health care and educational process, the introduction of clinical protocols, new treatment methods in the teaching of clinical disciplines	
Active participation of university students in conducting scientific research in various fields of medicine and pharmacy	

SWOT analysis according to the Educational Resources standard	
Sufficient and constantly updated collection of the library of VolgSMU	
The university has access to high-quality foreign full-text and abstract electronic information resources	
Possibility of publishing scientific works in our own periodicals	
Possibilities	Threats
Support and additional funding at the state level for the development of simulation training technologies	Constant growth of costs for the implementation of the BRI due to the increase in the cost of the technological solutions used, the improvement of the material and technical equipment of the educational process, the increase in the cost of labor, and the inflationary component
Involvement of leading foreign specialists in lecturing, conducting practical seminars, master classes and trainings for students and teaching staff	Changes in the requirements at the state level for the material and technical equipment of the educational process under the BRI
Development of international academic mobility programs and cooperation with other pharmaceutical faculties at the national and international levels	Decrease in the number of foreign students due to the epidemiological situation and the socio-economic situation in the country of citizenship
Development of the market of technologies and equipment in the field of pharmacy and pharmaceutical industry	Decrease in the number of teachers undergoing internships in the countries of near and far abroad

According to the "Educational Resources" standard, 14 criteria are disclosed, of which 14 have a strong position, 0 - satisfactory and 0 - suggests improvements.

7. STANDARD "EVALUATION OF THE EDUCATIONAL PROGRAM"

7.1. PROGRAM MONITORING AND EVALUATION MECHANISMS

7.1.1. The intra-university system of education quality assessment of VolgSMU is a set of organizational structures, norms and rules, diagnostic and evaluation procedures that provide on a unified basis an assessment of the quality of educational activities of VolgSMU of the Ministry of Healthcare of Russia, including the educational achievements of students, the effectiveness of the implementation of educational programs, taking into account the requests of the main users of the results of the education quality assessment system.

Within the framework of the mechanisms for assessing the BRI of a specialist in the specialty 33.05.01 Pharmacy, it is possible to track the progress of each student, starting with his USE scores upon admission, current, final certification and ending with the results provided for continuing training in clinical residency or postgraduate studies. Documentation of the Admissions Committee, University Departments, Dean's Office of the Faculty of Pharmacy (records in paper journals and in [the ISKRA PS](#)) ensure the safety of all results characterizing the academic performance of students of the BVEP specialist in the specialty 33.05.01 Pharmacy. The system of registration and storage of the results of students' academic performance allows you to monitor this data during the entire period of study at the university. The results of intermediate attestation for each semester (examination sessions, educational and industrial practice) are analyzed, which are regularly discussed at the

meetings of the departments of the Faculty of Pharmacy, the Educational and Methodological Commission of the Faculty of Pharmacy, the Academic Council of the Faculty of Pharmacy, the Chancellor's Office, the Academic Council of the University (Appendix 7.1.). On a monthly basis, the departments that provide training in the BVEP of the specialist in the specialty 33.05.01 Pharmacy submit information on the current academic debt of students to the dean's office of the Faculty of Pharmacy, where data are systematized, problem students are identified, with whom individual work is carried out. The results of the certifications are recorded in the information and analytical materials of the departments and the university, in the future they are analyzed for the development and implementation of corrective measures and plans in order to improve the results of training in the BVEP of the specialist in the specialty 33.05.01 Pharmacy. Every year, under the guidance of the Department of Educational Programs, didactic monitoring of the formation of EP competencies is carried out, which makes it possible to analyze the level of proficiency in the competencies of BVEP students in the specialty 33.05.01 Pharmacy.

The results of mastering the BVEP specialist degree in the specialty 33.05.01 Pharmacy are determined when graduates pass the procedures of state final certification (SFA) and primary accreditation of graduates, which are evaluated by specially created commissions. For example, 50% of the State Examination Commission (SEC) consists of representatives of employers. The commission for primary accreditation is formed by the Ministry of Healthcare of the Russian Federation from members of the pharmaceutical community and employers of the industry, which makes it possible to regard the results as independent assessments of the quality of the BRI. The results of the FSC and initial accreditation are discussed at the meetings of the collegial bodies of the Faculty of Pharmacy and the university, analyzed and based on them, the necessary decisions are made on the assessment of the BRI.

7.1.2. The HSCO is carried out through the existing procedures for monitoring and expert assessment of the quality of education (Appendix 7.2.):

internal control system in all areas of activity in the form of an annual [self-examination](#) ;

[internal audits of the organization](#), conduct and documentary support of the educational activities of the university departments;

[assessment of satisfaction with the](#) quality of education of participants in relations in the field of education;

[rating assessment of the activities of teachers](#), comprehensively reflecting the pedagogical activities of teachers;

monitoring of students' educational achievements, including monitoring of current academic performance and intermediate certification;

state final attestation of graduates, which is carried out in order to assess the level of professional and personal competence of a university graduate, his/her readiness to carry out professional activities, professional growth (information on the specifics of the preparation and conduct of the State Final Examination and (or) initial accreditation of VolgSMU graduates, including the subsequent analysis of the results, is reflected in Appendix 7.3);

[the results of surveys of](#) participants in relations in the field of education;

licensing, etc.

For example, the mechanism of evaluation of an educational program can be observed on the example of the analysis of results (FSC) and the initial accreditation of graduates in the specialty 33.05.01 Pharmacy:

The results of the State Final Examination and the initial accreditation of graduates are annually discussed at a meeting of the Educational and Methodological Commission of the Faculty of Pharmacy, on the analysis of which a plan for eliminating the comments of the Chairman of the State Examination Committee is formed, which is then approved by the Council of the Faculty of Pharmacy. Thus, earlier, when introducing a new system of drug labeling, the Chairman of the SEC drew attention to the need to pay more attention to this innovation, which was immediately reflected in the updating of the thematic plans of the discipline "Management and Economics of Pharmacy". With the annual updating of the discipline, a corresponding module was introduced into the process of its teaching.

The mechanism for assessing the EP within the university can also be demonstrated within the framework of the FSC procedures and the initial accreditation of graduates. The Academic Council of the University also hears the reports of the chairmen of the SEC, their comments and further the results of the elimination of comments on the BRI (information on the specifics of the preparation and conduct of the FSC and (or) initial accreditation of VolgSMU graduates, including the subsequent analysis of the results, is reflected in Appendix 7.3).

7.1.3. In accordance with the [Regulations on the Intra-University System of Education Quality Assessment at the VolgSMU of the Ministry of Healthcare of Russia](#) (see Section 3 for more details), the ISAQE at the University includes the following areas:

monitoring the quality of the admission campaign;

monitoring [the quality of students' mastering of basic professional educational programs](#);

monitoring the quality of the main professional educational programs (including the assessment of resource provision, conditions for the implementation of educational activities);

monitoring the quality of the work of teachers;

[monitoring of the satisfaction of participants in relations in the field of education with the quality and conditions of educational activities;](#)

[monitoring of the EIEE of VolgSMU;](#)

[monitoring the employment of graduates](#) and their professional achievements.

The proposed activities, regularity/date, executors, responsible persons for each of the listed areas of the ESCO are clearly presented in the materials of the corresponding [presentation](#), which is freely available to all interested parties.

The reflection of the implementation of the quality assurance policy in the documentation of departments, collegial governing bodies of the university, as well as the final (reporting) documentation of the Federal State Government-Funded Educational Institution of Higher Education of Volgograd State Medical University of the Ministry of Healthcare of Russia (with references to supporting documents) is presented in Appendix 7.2 to this CB.

The comprehensive and consistent implementation of all the above areas ensures the continuous nature of the functioning of the intra-university system for assessing the quality of education of VolgSMU, thereby allowing to comply with such an important principle as objectivity, reliability, completeness and consistency of information on the quality of education provided by the university under the educational programs being implemented.

Systematic, purposeful assessment of the opinion of participants in relations in the field of education about the quality and conditions of educational activities of the university, including the quality of preparation for the professional activities of graduates, through questionnaires, allows you to make adequate management decisions to improve the quality of education in a timely manner. Provide monitoring of [the Department for Monitoring the Effectiveness of Educational Activities](#), the Institute of NMFO, Educational Department, Department of Science, Innovation and Training of Scientific and Pedagogical Personnel, Dean's Offices of Faculties/Institute of Health/College of Volgograd State Medical University and University Departments on the basis of the Regulations for Monitoring Satisfaction with the Quality of Education of Participants in Relations in the Field of Education in the Federal State Government-Funded Educational Institution of Higher Education [of the Ministry of Healthcare of Russia dated 30.08.2023 No. 1429-KO. The results of the monitoring are discussed at meetings of departments, academic councils of faculties/institutes,](#) and the rector's [office](#) and are brought to the attention of stakeholders. Collegial bodies [plan](#) and

implement the necessary corrective measures and (or) measures to improve educational activities and the timing of their implementation. Reference and analytical materials on the monitors are placed in the [EIEE of VolgSMU](#).

Every year, in accordance with the approved plans, at the meetings of the academic councils of faculties, institutes, as well as the academic council of the university, the results of the implementation of the BRI at the end of the academic year and semester are summed up, the performance of students is analyzed, based on the results of the analysis, in case of a decrease in indicators, the reasons that influenced the decline are identified and decisions are made to eliminate the identified causes, plans for corrective measures are drawn up. At subsequent meetings, the responsible executors report on the implementation of previously adopted decisions (implementation of plans), which makes it possible to monitor how the results of the BRI assessment affect the program.

Thus, in the course of intra-university control, current monitoring by the Dean's Office of the Faculty of Pharmacy, internal audits of the Higher School of Education, the implementation of target indicators is monitored, problems are identified in relation to various components of the EP, educational and methodological support of disciplines and practices, the availability of the electronic information and educational environment, personnel, material and technical support, and the results of mastering the BRI.

The content of the educational process is regularly checked by employees of the Department of Educational Programs, dean's offices of faculties, and the Institute of Health.

Thus, the BRI of the specialist in the specialty 33.05.01 Pharmacy is evaluated by stakeholders - internal and external consumers: students, teachers of departments, employers, heads of health authorities and other representatives of employers participating in the state final certification, who in the reports on the conduct of the GE (see Appendix 7.3 to this CB) indicate weaknesses and give recommendations, which makes it possible to adjust the BRI taking into account all proposals and make changes that reflect advances in pharmacy and the healthcare system as a whole.

Since February 2020, a comprehensive self-examination procedure has been carried out annually at VolgSMU of the Ministry of Healthcare of Russia (based on [the order of the rector dated 22.11.2019 No. 93-KO](#)), which is a process of its own research, as a result of which the educational activities, the management system, the content and quality of training of students, the organization of the educational process, the demand for graduates, the quality of personnel, educational and methodological, library and information support, material and technical base, functioning of the intra-university system for assessing the quality of education, etc. On the basis [of the order of the Chancellor, the plan for conducting a self-](#)

examination based on the results of a particular calendar year is annually approved, and, if necessary, the composition of the commission for conducting a self-examination for a particular year is updated. The objectives of the self-examination in accordance with paragraph 1.3 The provisions on self-examination of the Federal State Government-Funded Educational Institution of Higher Education of Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation are to ensure the availability and openness of information on the state of educational activities in Volgograd State Medical University, as well as the preparation of a report on the results of self-examination. Self-examination is carried out at VolgSMU annually with the presentation of the results to the founder and posting on the website of VolgSMU no later than April 20 of the current calendar year. Referring to the latest experience in the self-examination procedure, It should be emphasized that in addition to the summary report on the results of the self-examination of the VolgSMU of the Ministry of Healthcare of Russia for the calendar year, adopted following the results of consideration at the meeting of the Academic Council of VolgSMU, the initial report on the results of the self-examination in the BVEP of the specialist in the specialty 33.05.01 "Pharmacy" is posted on the university's website per calendar year. It is indicative that in the context of each BRI being implemented, at the end there are general conclusions and recommendations, indicating their "strengths", identifying possible threats/risks, as well as areas for improvement and ways to improve.

7.2. FEEDBACK FROM THE TEACHER AND THE STUDENT

7.2.1. The University organizes and conducts activities aimed at identifying, understanding and anticipating the needs and expectations of stakeholders. An effective tool is the monitoring of the satisfaction of the participants in relations in the field of education with the quality of educational activities - the direction of the WSOKO, which consists in a systematic, purposeful assessment of the opinion of the participants in relations in the field of education about the quality of educational activities for its consideration in improving the quality of education. Thus, after studying each discipline (module)/practice, students have the opportunity to formulate and bring to the attention of the head of the department, deans, vice-rectors and the rector proposals on the structure, volume and content of the discipline/practice being studied, as well as on the conditions for the implementation of educational activities in general, during a questionnaire or in person. At the same time, the assessment is carried out at two levels - departmental and university-wide. At the department level The assessment is carried out by means of an anonymous questionnaire of students at the end of their intermediate certification in each discipline (module)/practice implemented by the department, and includes an assessment of the quality of educational activities and the

conditions for its implementation in the discipline (module)/practice both in general according to the implemented positions of the curriculum, and for specific scientific and pedagogical workers of the department who implement the discipline (module)/practice. Monitoring carried out at the university-wide level is held at the beginning of the academic year based on the results of the previous academic year. Thus, each student of the BVEP specialist in the specialty 33.05.01 Pharmacy has the opportunity to express his opinion on the quality and conditions of educational activities in any discipline (module) studied and practiced.

7.2.2. The survey is carried out using the capabilities of the EIP of VolgSMU, taking into account the specifics [of the contingent of students - for Russian students](#) and [for foreign students](#) (For International students). The results of the monitoring of student satisfaction are brought to the attention of all interested parties by posting analytical reports on the results of the monitoring in the public domain on the university's website - separately [to monitor students' satisfaction with the quality of educational activities in disciplines \(modules\)/practices](#) and [to monitor students' satisfaction with the quality of the conditions for the implementation of educational activities](#). Based on the results of the monitoring, the heads of the responsible departments provide signed reports on their results for each BRI implemented by the university, these reports are discussed at meetings of collegial bodies of faculties/institutes, if necessary, plans for corrective measures and measures to improve OD are developed; electronic versions of reports are sent to the e-mail addresses of the profile vice-rector, college director/deans of faculties/directors institutes and (or) heads of training areas. In addition, the results [are discussed at the rectorates](#), as a result of which [lists of instructions](#) of the rector are formed with corrective measures and measures aimed at improving educational activities.

Each student of the BVEP specialist in the specialty 33.05.01 Pharmacy has access to information about the internal e-mail of university employees, which expands the opportunities for asynchronous interaction between the student and the teacher (template tab 02 Personal composition of teaching staff, the corresponding table on the personal composition of teaching staff of a particular department for the academic year, the last column; see [An example of the Department of Anatomy](#)).

Regular customer satisfaction surveys conducted at the university allow us to take into account the needs and requirements of all existing and potential customers.

The information received by the dean's offices of the faculties, the Institute of Health, the university administration as feedback from the consumers of the BRI is used in the development, improvement and improvement of curricula and educational programs as a

whole by the relevant departments of the university (UOP, educational department, faculties/institutes, college of VolgSMU).

In 2019, the Student Council of VolgSMU began to implement the [Open Dialogue project](#). Within its framework, meetings of university students with outstanding people of the university, city and region who have achieved special success in their professional activities are envisaged. [The first "dialogue"](#) within the framework of the project was held on November 22, 2019 in the assembly hall of VolgSMU with the rector V.V. Shkarin. He [spoke about the university's](#) development strategy for the near future, and also answered all students' questions about the educational process, the improvement of dormitories, the canteen, the courtyard of the main building and much more. The participants of the meeting, and there were more than 500 of them, There was an opportunity to ask your questions in the "open microphone" and in writing, passing a note through volunteers. There were also responses to students' appeals, previously sent to the rector through the Google form a month before the event. In total, about 200 questions were received.

It is important to note the involvement in the process of communication with the management of the main university and students of the branch. Thus, on November 8, 2022, the Student Council of [VolgSMU organized a discussion platform for representatives of the PMPI in the format of an open dialogue, during which the activists of the branch, among other things, shared their experience in organizing student self-government.](#)

7.3. EDUCATIONAL ACHIEVEMENTS OF STUDENTS

7.3.1. The University has established and applies mechanisms for assessing the progress of students, including monitoring of students' educational achievements, including monitoring of current academic performance and intermediate certification. The Dean's Office of the Faculty of Pharmacy systematically updates the list of students of the BVEP specialist in the specialty 33.05.01 Pharmacy, who have debts and a low average score in disciplines/practices. A letter is sent to the parents of these students through the University Affairs Department with information about the student's progress. The results of the student's academic performance are discussed at the meetings of the Academic Council of the University, the Academic Council of the Faculty of Pharmacy, the Chancellorate (Appendices 7.1, 7.2 to this CB). The Dean of the Faculty of Pharmacy conducts individual consultations with each student of the BVEP specialist in the specialty 33.05.01 Pharmacy, who is subject to expulsion from the university regardless of the reason, as well as with everyone who has expressed a desire to be reinstated.

The teaching staff of the departments regularly conduct group and individual consultations on the issues of the studied material that causes difficulties in mastering the

student, guided by the [Instruction for conducting individual consultations, including training, at the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University](#) of the Ministry of Healthcare of Russia, according to the schedule of individual consultations and working off missed classes (see examples of graphs [of the Department of Radiation Diagnostics, the Department of Normal Physiology](#)). The student may be given additional assignments on missed or poorly mastered topics. Interaction between a student and a teacher can be carried out in person or with the use of distance learning technologies, in synchronous or asynchronous mode. In case of current and/or academic debt, the student is provided with opportunities to eliminate them in accordance with the Regulation on the [forms, frequency, procedure for conducting current monitoring of progress and intermediate certification, as well as on the point-rating system for assessing the progress of students of the VolgSMU of the Ministry of Healthcare of Russia](#).

Psychological, social and pedagogical support for university students, assistance in their personal development and positive socialization, if necessary, is provided by practicing psychologists from among the research staff [of the Department of General and Clinical Psychology of VolgSMU](#), as well as employees of the [Medical and Psychological Center](#) of the Family Medicine Clinic of VolgSMU.

Analysis of the results of current, intermediate and final certification allows, if necessary, to develop corrective and preventive measures in relation to the content of disciplines, the ratio of lecture and seminar classes, to introduce new disciplines into the variable part (the part formed by the participants in educational relations) of the BRI, to expand the methodological and information support of the educational process.

Each student is provided with the necessary amount of educational and methodological literature. From the website [of the library of VolgSMU](#), according to the profile of the university, access to high-quality foreign full-text electronic resources is provided, [both open access and by subscription](#). For the convenience of users and the prompt fulfillment of their information needs, service is provided through a virtual reference service and informing through the website of the library and the university, social networks, messenger chats, by e-mail.

The provision of university departments with available resources, including information technology, is carried out in a centralized manner, relatively evenly, depending on the needs and incoming requests. Clinical bases for educational or industrial practice meet the criteria and goals of the practice and have technical equipment that allows them to carry out medical activities and clinical training of students.

The university's website provides students with access to the university's online resources. Through the personal account, the student gets access to the EIEE of VolgSMU, including his educational achievements (PRS and achievements presented in his portfolio).

Educational and other achievements of BVEP students in the specialty 33.05.01 Pharmacy are analyzed taking into account social and cultural conditions. Thus, students under commercial contracts who have special achievements in the educational, research, social, cultural, creative and sports activities of an educational organization have a significantly increased chance of switching from paid to free education if there are vacant state-funded places. It is important to emphasize that the special Regulation established by the Special [Regulation](#) The procedure for switching from paid to free education at VolgSMU is extremely transparent (for convenience of perception, see [At the](#) same time, it takes into account the interests of students from socially vulnerable families (in accordance with the grounds for the transition of students from paid to free education, set forth in section 2 of the [Regulation](#)). When applying for residency programs of the Institute of NMFO, for postgraduate training programs for scientific and scientific-pedagogical personnel, it is provided for taking into account the individual achievements of the applicant (see section 6 [of the Rules for admission to residency in 2023 and paragraph 4.11 of section 4](#) of the Rules for admission to postgraduate studies in 2024, [respectively](#)).

The achievements of BVEP students in the specialty 33.05.01 Pharmacy from the first year are analyzed by the Dean of the Faculty of Pharmacy. Students are offered a wide range of hobby activities that contribute to the realization of their creative and intellectual abilities, which is clearly confirmed by the reports/reports of the Vice-Chancellor for Youth Policy and Educational Activities of VolgSMU, annually presented at rectorates, meetings of the Academic Council (see, for example, [the Report on the Implementation of Youth Policy and Educational Activities of VolgSMU for the 2022/2023 academic year](#), the report "[Project Approach in VolgSMU to the Implementation of Youth Initiatives in Medical Education and Healthcare](#)"). It should be pointed out that the value-normative, methodological, methodological and technological basis for the organization of educational activities at the university is determined by the Work Program for the Education of Students of the Volgograd State Medical University of the Ministry of Healthcare of Russia. [In order to specify the events and activities of an educational orientation held at the university](#), the Calendar Plan of Educational Activities of the Federal State Government-Funded Educational Institution of Higher Education of the VolgSMU of the Ministry of Healthcare of Russia for the [current academic year is annually approved](#) In accordance with the university-wide documents, the work programs of education for specific BVEP are updated annually, as well as calendar

plans of educational work for the current academic year are adopted ([8. Work program of education, calendar plan of educational work of the educational program Pharmacy \(specialist\)](#)).

There is a systematic exchange of information between the Dean's Office of the Faculty of Pharmacy and various associations [of the Student Council of VolgSMU](#).

7.3.2. At the end of each academic year, educational and methodological complexes of disciplines, practices, BVEP of the specialist in the specialty 33.05.01 Pharmacy are subject to discussion and updating as necessary, taking into account the academic performance of students and graduates, feedback from students, labor market requirements, as well as the latest scientific achievements. Results of students' academic performance, information on the demand for students of the BRI, [taking into account vacancies](#) is the basis for planning the number of students for a new intake. Admission targets are approved centrally by the Ministry of Healthcare of the Russian Federation.

7.4. STAKEHOLDER ENGAGEMENT

7.4.1. The University in its monitoring program and in the assessment activities of the BRI specialist in the specialty 33.05.01 Pharmacy involves the main stakeholders: teaching staff and students.

There is a discussion of the BRI as a whole and its components. Curricula of disciplines and practices are discussed at a meeting of the department, the educational and methodological commission of the Faculty of Pharmacy, including within the framework of the activities of the working group on quality at the EMC.

The participation of students in the evaluation of educational programs is facilitated by the questionnaire procedure as one of the mechanisms for periodic review, study and evaluation of the implemented BRI, supplementation and change of scientific programs of disciplines/practices. Representatives of students and representatives of employers who are members of the collegial management bodies of the university are involved in the discussion of the BRI (Appendix 7.1 to this CB).

Improving the quality of educational services provided is ensured through strategic planning, analysis of the implementation of the strategic plan and development of the necessary corrective measures. The implementation of the main directions of the ISAQE is carried out with the involvement of all participants in relations in the field of education (representatives of the university administration, teachers, students, representatives of the employer, etc.). The Vice-Chancellor for Educational Activities of the University coordinates the implementation of such important areas of the EECO as monitoring the quality of mastering the BRI by students, monitoring the quality of the BRI themselves.

7.4.2. All the results of the questionnaires are provided to the management of the university and faculties, institutes, colleges of VolgSMU. Reports and results are heard at meetings of the academic councils of faculties, institutes, and the rector's office. The reflection of the implementation of the quality assurance policy in the documentation of departments, collegial governing bodies of the university, as well as the final (reporting) documentation of the Federal State Government-Funded Educational Institution of Higher Education of Volgograd State Medical University of the Ministry of Healthcare of Russia (with references to supporting documents) is presented in Appendix 7.2 to this CB.

Providing access to information on the results of the BRI assessment to all interested parties is provided by the content of the minutes of departmental meetings, academic councils of faculties, the rectorate, and the academic council of the university. The main documentation on the BVEP of the specialist in the specialty 33.05.01 Pharmacy is posted on the university's website in the ["Educational Programs"](#) tab.

Feedback on the educational and industrial practice of students is monitored annually based on the results of a survey of students, resident doctors (after passing the exam), as well as representatives of employers.

The Department for Monitoring the Effectiveness of Educational Activities organizes and conducts surveys of employers, including using the capabilities of the [EIEP platform of VolgSMU](#) with the subsequent placement [of analytical references](#) and [reports](#) in [a special tab](#) on the university's website. The questionnaire contains a system of indicators by which the employer assesses the degree of satisfaction and the level of performance of professional responsibilities of a future specialist. The purpose of the monitoring is to provide an objective information reflection of the state of employers' satisfaction with the quality of university graduates, to analytically summarize the data obtained and to develop preventive and corrective measures aimed at improving the quality of graduate training.

Employees of practical health care, pharmacy, social services are part of the State Examination Commission of the specialist in the specialty 33.05.01 Pharmacy, participate in the state exam, identify shortcomings and recommend additions to the EP. Monitoring and assessment of the quality of the BRI specialist in the specialty 33.05.01 Pharmacy includes feedback from employers, employees of other specialized educational institutions, feedback on the quality of training and work of graduates, satisfaction of students and graduates with the organization of the educational process. Analysis and evaluation of the BRI of the specialist in the specialty 33.05.01 Pharmacy are reflected in the reports and protocols of the academic councils of all levels.

SWOT analysis according to the standard "Evaluation of the Educational Program"

SWOT analysis according to the standard "Evaluation of the Educational Program"	
Strengths	Weaknesses
A quality assurance policy implemented by the university has been developed, regulated by local regulations and brought to the attention of all stakeholders	Lack of a regulated procedure for communicating students' proposals on the structure, volume and content of the disciplines studied, practices, methods and means of control to the heads of departments, deans, directors, vice-rectors, rector
Availability of a feedback system from teachers and students, employers on the monitoring of the BRI of the specialist in the specialty 33.05.01 Pharmacy, implemented by the university, including in the form of regular sociological surveys (questionnaires)	Lack of a procedure for taking into account the results of students' assessment of each teacher in the personnel policy of the university
The results of monitoring are communicated to stakeholders (administration, faculty, students, employers) through feedback, which includes information on the quality of the educational process, comments and suggestions for improvement	
Measures for the organization of the educational process, the possibility of consultations and working off missed classes, an established system of educational and career guidance work, as well as the involvement of students in solving all issues at the university are aimed at the progress of students	
Possibilities	Threats
Introduction at the legislative level of mechanisms for external independent assessment of the conditions and quality of education, including professional and public accreditation	Psychological unpreparedness (functional, personal) of the university staff, including the teaching staff of the departments, to actively participate in the implementation of the university's quality assurance policy
Increasing the number of organizations in the national and international educational space that conduct an independent assessment of the conditions and quality of education	Outflow of university employees trained and involved in the implementation of the main directions of the ESOCO at the university to more profitable vacancies, taking into account the experience gained
Modern Information Technologies That Expand the Possibilities of Conducting Global Studies to Assess the Quality of Educational Programs	

According to the standard "Evaluation of the educational program", 9 criteria are disclosed, of which 9 have a strong position, 0 - satisfactory and 0 - suggests improvements.

8 MANAGEMENT AND ADMINISTRATION STANDARD

8.1. MANAGEMENT

8.1.1. Management of the activities of the Volgograd State Medical University of the Ministry of Healthcare of Russia is carried out in accordance with the [Charter](#). Direct management of the university is carried out by the rector, who is appointed and dismissed by the order of the Ministry of Healthcare of the Russian Federation. Operational management of the university, coordination of the activities of structural divisions, solution of current issues of educational, financial and economic activities is carried out by the rectorate, acting under the chairmanship of the rector on the basis of [the Regulations on the rectorate of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia](#). The current composition of the

[rectorate is regulated by](#) the order on amendments to the Regulation on the Chancellorate dated 09/20/2021 No. 1174-KO.

The general management of the university is carried out by an elected representative body - the Academic Council of the Volgograd State Medical University of the Ministry of Healthcare of Russia, acting under the chairmanship of the rector and carrying out its activities in accordance with [the Regulations of the Academic Council. The composition of the Academic Council is approved by the order of the Chancellor, the last changes to the composition of the Academic Council were made on 09/11/2023](#). The Academic Council includes deans of faculties, directors of institutes, heads of departments, representatives of practical health care, representatives of the trade union committee of employees and students, representatives of students. The term of office of the Academic Council is 5 years.

The position of the President of the University was established at the Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation. The President participates in the activities of self-government bodies, in the development of the development concept, in solving issues of improving the university's activities in accordance with the [Regulations on the President of VolgSMU](#).

[The structure](#) of the university includes a college, 5 faculties (medical, pediatric, dental, medical and biological, pharmaceutical), 2 institutes (Institute of Public Health, Institute of Continuing Medical and Pharmaceutical Education), 78 departments (including 45 clinical) and other structural units, the activities of which are aimed at comprehensive support of the educational activities of the university.

The system of subordination of the structural subdivisions of the VolgSMU of the Ministry of Healthcare of the Russian Federation is determined by the relevant regulations, the tasks and functions of the personnel are determined by job descriptions in accordance with the [standard forms](#). The distribution of powers between the Chancellor and the Vice-Chancellors is fixed by the relevant order, [as well as by the job descriptions of the Vice-Chancellors and the regulations of the structural units subordinate to them](#).

8.1.2. Within the university, as public and collegial associations, there are academic councils of faculties/institutes, commissions (e.g., the Educational and Methodological Commission of the Faculty of Pharmacy, the Academic Council of the Faculty of Pharmacy), the managerial competencies and functions of which are determined by the relevant [provisions and regulations](#).

The transparency of the management system and the transparency of the management decisions made are ensured by bringing to the attention of all stakeholders the necessary regulatory and administrative acts and other documents regulating the organizational structure

of the university, communicative relations, the functions of departments and aspects of their activities. This is achieved by placing the necessary information in the EIEE of VolgSMU, as well as by sending information through the electronic system Directum RX document management and/or by e-mail to the heads of structural divisions. On the key aspects of the educational process, the Department of Educational Programs regularly conducts [training seminars for teachers](#), at which the current features of the implementation of educational activities are considered, taking into account the ongoing changes in the federal and local regulatory framework, templates and samples of the necessary documents are demonstrated, the requirements and deadlines for their execution are explained.

The protection of information on paper is provided by storing the original forms, as well as in many cases scanned copies of finished documents, in electronic form. The protection of information in electronic form is ensured by regular copying of data on the server.

The protection of information containing personal data is carried out in accordance with the [Regulation on Work with Personal Data in the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia](#).

8.2. ACADEMIC LEADERSHIP

8.2.1. The management of the BRI of the specialist in the specialty 33.05.01 Pharmacy is carried out by the Faculty of Pharmacy, headed by the Dean's Office of the Faculty of Pharmacy, in accordance with the legislation of the Russian Federation and with [the Charter of the](#) Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia.

Direct management of the activities of the Faculty of Pharmacy is carried out by the Dean, subordinate to him: Deputy Dean, Head of Educational and Production Practices, Dispatcher. The tasks and functions of the Faculty of Pharmacy in the management of EP are defined in the [Regulations on the Faculty of Pharmacy](#).

The main self-governing body of the Faculty of Pharmacy is the Academic Council of the Faculty of Pharmacy, which was created in order to solve the main issues of the Faculty activities. Another collegial body is the Educational and Methodological Commission of the Faculty of Pharmacy.

The collegial bodies of the Faculty of Pharmacy include employees of the Faculty of Pharmacy, representatives of employers, and representatives of students.

The Dean of the Faculty of Pharmacy manages the Academic Council of the Faculty of Pharmacy (as chairman), the educational and methodological commission and educational

work at the faculty, ensures the implementation of curricula and the BVEP of the specialist in the specialty 33.05.01 Pharmacy, compiles together with the educational part the schedule of classes and exams at the faculty, organizes career guidance measures aimed at ensuring the quality selection of students for the 1st year.

The Faculty of Pharmacy includes 5 departments of the VolgSMU of the Ministry of Healthcare of Russia: the Department of Chemistry, the Department of Pharmacognosy and Botany, the Department of Pharmaceutical and Toxicological Chemistry, the Department of Pharmaceutical Technology and Biotechnology, the Department of Management and Economics of Pharmacy, Medical and Pharmaceutical Commodity Science. The management of the department is carried out by the heads of the department, their activities are supervised by the dean of the faculty.

8.2.2. The positions of the dean, the head of the department are elective. The procedure for holding elections to these positions is established [by the relevant local regulations](#) in accordance with the [Charter](#). Powers within the framework of these positions are determined [by the Charter](#), the Regulations on the faculty/institute/department, [and the job description](#).

Based on the results of work during the election term (5 years), the results of activities and indicators of the work of the deans of the faculties, heads of structural divisions (departments) in the form of a report are heard at a meeting of the Academic Council of the university. Preliminarily, a commission is allocated from the composition of the academic council of the university, the functions of which include determining the reliability of the presented results of the activities of the dean or the head of the structural unit (department), the report and conclusion of which are also heard at the meeting. Based on the results of the adoption of reports, the members of the Academic Council make a decision on the results of activities and elections are held for a vacant position in accordance with the [Charter](#).

8.3. TRAINING BUDGET AND RESOURCE ALLOCATION

8.3.1. VolgSMU of the Ministry of Healthcare of Russia is a budgetary organization and is financed from the federal budget, income received from entrepreneurial activities, income from the Compulsory Medical Insurance Fund and gratuitous (sponsorship) assistance of legal entities, individual entrepreneurs, individuals, received in accordance with the procedure established by law. Training of specialists with higher, secondary and additional vocational education, enrolled on the terms of targeted training or within the limits of allocated state-funded places, is carried out at the expense of the federal budget. The training of specialists enrolled on a paid basis is carried out at the expense of funds received from entrepreneurial activities. Data on income are reflected by the university by type of activity

and the contingent of students in the Plan of Financial and Economic Activities and are approved by the Ministry of Healthcare of the Russian Federation.

8.3.2. Funds necessary for the implementation of educational programs are allocated for a calendar year in the form of subsidies for the implementation of the state task. Scholarships are funded from the federal budget by targeted subsidies. Students studying on a compensatory basis pay in accordance [with the concluded contracts](#).

The University has the rights of a legal entity and independently distributes funds from the federal budget and funds received from entrepreneurial activities to determine priority areas.

8.3.3. In 2022, most of the funds received to support the activities of the university fell on funds received from entrepreneurial activities - 40.7%. Subsidies provided to the institution for the implementation of the state assignment - 34.4% of the total amount of funds received. Compulsory health insurance funds amounted to 13.6%. Targeted subsidies accounted for 11.3%.

Achievement of target indicators for the salary of teaching staff is carried out at the expense of all sources of funding, including the participation of teaching staff in scientific developments. The development of motivational programs and professional and managerial development projects is aimed at ensuring a competitive level of remuneration for teaching staff. Data on the level and rate of growth of wages for the last 5 years are presented in Appendix 8.1. With the annual increase in the average level of wages in the region, it is possible to maintain the increase in the level of wages of both teaching staff and all employees of the University.

The financial condition of the university has been stable for many years. The university has no overdue financial debts. Obligations to creditors and to the staff of the University are fulfilled in full and on time. Much attention is paid to the system of internal financial control and automation of management accounting.

8.4. ADMINISTRATIVE STAFF AND MANAGEMENT

8.4.1. The Charter of the VolgSMU of the Ministry of Healthcare of the Russian Federation defines the subject of the university's activities – training of personnel under educational programs of various levels in accordance with the needs of society and the state, creation of conditions for the preparation of dissertations, conducting scientific research, experimental developments, dissemination of modern scientific knowledge, improvement of medical care to the population; The main activities are educational, scientific, medical, pharmaceutical, etc. (for details, see Clause 2.1 [of the Charter](#)).

In order to implement [the University's Mission](#) and Quality Policy, [as well as to solve strategic and administrative tasks, the Federal State Government-Funded Educational Institution of Higher Education of the VolgSMU of the Ministry of Healthcare of the Russian Federation carries out effective resource management.](#)

The process of providing educational programs with professional personnel is managed by the [Human Resources Department](#). Employees of the department, under the supervision of the chief, ensure the selection and recruitment of personnel, collect and analyze personal data, form, maintain and store personal files of employees and students, form a personnel reserve of young promising employees, etc. in accordance with the [Regulation on the Personnel Department](#).

The management of the distribution of funds and the provision of educational and other processes with financial resources is carried out by [the planning and financial management, the accounting and financial control](#) department, the marketing and procurement department. [The functions of the departments are the creation of](#) organizational, [economic,](#) accounting and other conditions necessary for the implementation of all types of activities of the university in accordance with the Regulations on Offices.

Management of material and technical resources is carried out [by the Department of Capital Construction, Major Repairs and Operation of Buildings and Structures](#). Professional staff is responsible for ensuring and constantly maintaining the infrastructure of the university, creating a safe learning environment for students and teachers, including an inclusive environment for students with disabilities and persons with disabilities, managing the economic activities of educational buildings in accordance with the [Regulations on the Department of Capital Construction, Major Repairs and Operation of Buildings and Structures](#).

The management of the educational process is carried out jointly by [the management of educational programs and the educational department](#). The Department of Educational Programs plans, organizes and coordinates the processes of developing and updating sets of documents for educational programs, quality control and monitoring of the effectiveness of educational activities in the implementation of educational programs in accordance with the [Regulations on the Department of Educational Programs](#). The Educational Department carries out the semester drawing up of the schedule of classes and test and examination sessions, annual planning of the teaching load of the teaching staff of the departments on the basis of established criteria and norms, filling out statistical reporting forms, accounting for the movement of the contingent of students in accordance with the [Regulations on the Educational Department](#).

The management of the processes of informatization and digitalization is carried out by [the Department of Information Development](#), which is responsible for expanding the opportunities for obtaining and using electronic educational information, improving the quality of training specialists based on modern achievements of medical science and practice, improving the system of training qualified university specialists who are proficient in modern information technologies, and developing information infrastructure of Volgograd State Medical University, in accordance with [the Regulation on the Department of Information Development](#).

8.4.2. The participation of teaching staff and students in decision-making and activities of the university is ensured, on the one hand, by their representation in the composition of collegial bodies (the Academic Council of VolgSMU, academic councils of faculties/institutes, educational and methodological commissions, etc.), on the other hand, by taking into account the opinions of these stakeholders expressed in the course of monitoring within the framework of the ESOKO procedures, and on the third hand, by the openness of the university administration to communication with all participants in educational relations through personal meetings, communication through the official website of the [university \(the "Ask a question" button\)](#), telephone communication, by e-mail, in social networks, where both university-wide communities/chats (for example, [VK](#), [Telegram](#)) and communities/chats of individual EPs are supported.

The University has established [an Alumni Association](#), which operates in accordance [with the Statute of the](#) Association. The Association creates a favorable atmosphere for interaction between graduates and the university, identifies their similar professional interests, promotes the development of social partnership of the university with enterprises, organizations, authorities, promotes interaction between graduates and students (communication, transfer of experience, formation and maintenance corporate spirit). Members of the Association assist in organizing and holding university events, assist in the development of student self-government, promote the university's brand, maintain its prestige, preserving traditions and values.

VolgSMU of the Ministry of Healthcare of the Russian Federation guarantees that there are no social or cultural restrictions on the participation of students in the management of the university, providing this opportunity to all students regardless of nationality, race, gender, political beliefs and religious views.

The Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation has introduced and successfully operates the university-wide system of quality management of the educational process (QMS), which is an internal system for assessing the

quality of education, the activities of which are regulated by [the Regulation on the Quality of Education](#).

The activities of the ESCO are carried out in the following areas: monitoring the quality of the admission campaign; monitoring the quality of mastering the main professional educational programs by students; monitoring the quality of the main professional educational programs (including the assessment of resource provision, conditions for the implementation of educational activities); monitoring the quality of the work of teachers; [monitoring of the satisfaction of participants in relations in the field of education with the quality and conditions of educational activities](#); [monitoring of the EIEE of VolgSMU](#); monitoring the employment of graduates and their professional achievements.

The results of the ESCO procedures are documented in reference and analytical materials containing the ascertaining part, conclusions and specific, realistically feasible recommendations, and are also included in the annual report on the results of the university's self-examination and placed in the EIEE of VolgSMU. The results of the assessment of the quality of educational activities are taken into account according to the following algorithm:

1. Based on the results of the activities within the framework of the ESOQS, the analysis of the collected information is carried out both at the level of the heads of educational programs and at the level of the management of the educational organization with the participation of the heads of departments of the educational organization responsible for the organization of the educational process and its quality management;

2. On the basis of this analysis, administrative acts for the University (orders, list of instructions, road maps) are issued, aimed at eliminating the identified violations and shortcomings and further improving the quality of the educational process, the above documents are brought to the attention of all interested parties;

3. Heads of structural subdivisions shall take measures to implement the measures prescribed by the plan and report on the results of work in accordance with the established procedure.

Information systems are used to improve the HSCO. The QMS of VolgSMU undergoes an annual supervisory audit procedure, as well as periodic recertification. There is a valid certificate issued by the Certification Association "Russian Register", certifying that the quality management system of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation is recognized as meeting the requirements of the ISO 9001:2015 standard in relation to the development and implementation of educational programs, research, medical, innovative and international activities within the framework of

the educational process; implementation of the educational process in the specialties and areas of training of specialists in secondary vocational education, higher education, higher education (training of highly qualified personnel) under residency programs, training of scientific and pedagogical personnel in postgraduate studies and additional education in accordance with the license ([certificate No. 23.0088.026 dated January 25, 2023](#)).

Every year, the university conducts a self-examination for compliance with the mandatory requirements for the implementation of educational activities. Self-examination is carried out by order of the rector. The result of the self-examination is a [self-examination report](#), which is a key document in the reporting framework for the administration in relation to teaching, learning, research. The report includes the results of the self-examination for each EP being implemented. The report is posted in the EIEE and is available to all interested parties. Self-examination allows you to assess the effectiveness and efficiency of the university's activities, as well as to identify and predict possible risks.

8.5. INTERACTION WITH THE PHARMACY AND HEALTHCARE SECTOR

8.5.1. Implementation of the BRI in the specialty 33.05.01 Pharmacy is based on close cooperation with the practical pharmacy of the region. The SEC and collegial bodies of the Faculty of Pharmacy include representatives of pharmaceutical organizations and healthcare organizations of the Volgograd region.

8.5.2. At the Faculty of Pharmacy, 16 contracts have been concluded with organizations for educational and industrial practice.

Active interaction with representatives of the pharmaceutical industry in a dialogue form is carried out on the basis of the Simulation Pharmacy of VolgSMU, where the school of professional excellence - "Pharmaceutical Club" operates.

The Faculty of Pharmacy tries to take an active part in the work of the region's healthcare system: students work as volunteers, become donors, and participate in university events aimed at helping the population.

In 2020-2021, during the fight against the spread of COVID-19 infection, students of the specialty 33.05.01 Pharmacy were involved as volunteers to participate in providing assistance to the population in accordance with the requests of the heads of healthcare organizations: they worked in call centers, prepared information materials related to the spread and prevention of coronavirus, delivered food and essential goods, and were also employed as secondary medical staff and residency sites in health care facilities, assisting in diagnosis, treatment, and preventive measures.

8.6 . INFORMING THE PUBLIC

8.6.1. The main tool for informing the public and all participants in the field of educational relations about the activities of the Federal State Government-Funded Educational Institution of Higher Education of VolgSMU of the Ministry of Healthcare of Russia is the EIEE of VolgSMU, the main links of which [are the official website](#) and the electronic information and educational portal. Clarity, reliability, objectivity, relevance and accessibility of the posted information are ensured by regulated procedures for its development, approval and updating, including at meetings of collegial bodies with the involvement of representatives of the employer and representatives of students. Monitoring of compliance with the above-mentioned criteria for information and analysis of the satisfaction of stakeholders with the quality and completeness of the information received is carried out within the framework of the activities of the WSOQS.

Additional ways of disseminating information about the activities of the university are speeches by representatives of the university administration and teaching staff in the media, publications in social networks, where both university-wide communities/chats (for example, [VK](#), [Telegram](#)) and communities/chats of individual EPs are supported. On the website of the university, on the pages of dean's offices and departments, there are contact phone numbers and e-mail addresses, by which any interested persons have An opportunity to get answers to your questions.

8.6.2. An Alumni Association has [been established at the University](#), acting in accordance [with the Regulations on the Association](#). The Association creates a favorable atmosphere for interaction between graduates and the university, identifies their similar professional interests, promotes the development of social partnership of the university with enterprises, organizations, authorities, promotes interaction between graduates and students (communication, transfer of experience, formation and maintaining the corporate spirit). Members of the Association assist in organizing and holding university events, assist in the development of student self-government, promote the university's brand, maintain its prestige, preserving traditions and values.

The EIEE and university-wide communities/chats ([VK](#), [Telegram](#)) contain all the necessary information, including information about the educational programs being implemented, the expected learning outcomes for them, the qualifications awarded, teaching, training, assessment procedures, passing scores and learning opportunities for students, employment opportunities for graduates, cooperation with partners, and financial statements.

SWOT analysis according to the "Management and Administration" standard	
Strengths	Weaknesses
Availability of appropriate administrative staff and management to implement educational programs, carry out other activities, ensure proper management and	Strict system of remuneration and incentives for personnel, including at the expense of own funds

SWOT analysis according to the "Management and Administration" standard	
allocate resources	
Availability and development of the implemented quality management system at the university	
Strict planning of the financial and economic activities of the university	
Implementation of educational programs by the university in accordance with regulatory requirements regarding admission, educational process, assessment and planned learning outcomes	
Annual increase in the number of international students, which contributes to the consolidation of the university's budget and opportunities for its development	
Possibilities	Threats
Introduction of new methods of monitoring and managing the processes of using university resources	Managerial Competencies of Administrative and Academic Staff of Educational Organizations
Possibility of distance professional development and professional retraining in terms of managerial competencies in a large number of educational programs, including international ones	Legislative Restrictions on the Implementation of Certain Innovations in the Field of Development of Educational Programs and Their Administration

According to the "Management and Administration" standard, 13 criteria are disclosed, of which 13 have a strong position, 0 - satisfactory and 0 - suggests improvements.

9 "CONTINUOUS UPDATING" STANDARD

9.1.1. VolgSMU of the Ministry of Healthcare of the Russian Federation is [a dynamically developing educational institution](#) with a socially responsible approach to personnel training at the all-Russian and international levels. The University applies processes of continuous monitoring, evaluation, analysis and improvement of educational services, taking into account the requirements of the legislation, requirements and expectations of stakeholders, contributing to the development of quality education based on competence approach and learning outcomes. In the implementation of the BVEP specialist degree in the specialty 33.05.01 Pharmacy, the requirements of consumers are taken into account based on the QMS implemented at the university and its main elements.

9.1.2. [The Development Program of the Volgograd State Medical University for 2022–2024 was adopted by the Academic Council of the Volgograd State Medical University on April 13, 2022. Report of the Vice-Chancellor for Educational Activities in May 2023](#)). If necessary, changes are made to the next year's targets. Also, every year, at the conference of employees and at the meeting of the Academic Council of the VolgSMU University, the rector presents a [report](#) covering all areas and processes of the university, the implementation of strategic goals, areas of renewal, and a vision for the future.

In 2019, VolgSMU of the Ministry of Healthcare of the Russian Federation passed state accreditation of educational activities in the main professional educational programs of the secondary vocational education level (three UGSN), HE (bachelor's degree – 4 UGSN,

specialist degree – 5 UGSN, master's degree – 2 UGSN, postgraduate studies – 6 UGSN, residency – 2 UGSN).

In 2020, the university underwent an independent assessment of the quality of education (EDC) as part of a pilot study of the quality of the conditions for the implementation of educational activities by organizations that carry out educational activities under the programs of higher education and additional professional education, conducted by the Public Council for NOC of the Ministry of Education and Science of the Russian Federation.

In 2023, the university was recertified for compliance with the requirements of the ISO 9001:2015 standard in relation to the development and implementation of educational programs, research, medical, innovative and international activities within the educational process; implementation of the educational process in the specialties and areas of training of specialists in secondary vocational education, higher education, higher education (training of highly qualified personnel) in residency programs, postgraduate training of scientific and pedagogical personnel and additional education in accordance with the license ([certificate No. 23.0088.026 dated January 25, 2023](#)).

Also in 2023, the university successfully [passed state accreditation monitoring](#) for a number of EPs, including specialist programs in the specialty 33.05.01 Pharmacy.

The university regularly analyzes the processes and outcomes of learning from the point of view of students and teachers for the purpose of renewal and improvement. Actualization of the BVEP specialist degree in the specialty 33.05.01 Pharmacy is carried out taking into account the needs of the pharmaceutical industry, as well as the healthcare system, in specialists, the requests of employers, the pharmaceutical community with the involvement of all participants in this process: teachers, students, employers, the medical community, the scientific medical community, the university administration. When updating the EP, didactic strategies are built taking into account the new requirements dictated by the labor market, the latest achievements of science in this field, the inclusion of the results of their own scientific research, and are focused on the active learning of the student.

Great importance is attached to cooperation with the pharmaceutical community and specialized organizations of Volgograd, in particular, with Volgopharm, the Boreskov Institute of Catalysis of the Siberian Branch of the Russian Academy of Sciences, and pharmacy chains in the region.

EPs are harmonized with the needs of pharmacy and the health care system in terms of practical training of doctors and pharmacists in accordance with the principle of continuity of medical and pharmaceutical education. All this allows the university to be an active

participant and partner in the introduction of new forms of organization of primary specialized and high-tech medical care, which contributes to the training of qualified doctors and pharmacists in accordance with the needs of society, as well as the integration of modern achievements of the health care system at all levels of education.

Over the past five years, the university has made the following updates aimed at optimizing the university management system, improving the quality of educational and extracurricular activities of students, and improving the quality of practical training:

2019 – opening of the Simulation Center for Endoscopic Surgery and Intraluminal Endoscopy; opening of the LOFT co-working space; creation of the "Pre-University of VolgSMU"; creation of the Center for Youth Innovative Creativity (CYIC) "Biomedicine";

2020 – establishment of the Institute of Continuing Medical and Pharmaceutical Education of Volgograd State Medical University and the Institute of Public Health of Volgograd State Medical University; creation of the CYIC "Bioprint"; reorganization of the university management system, including the establishment of a new department - the Department of Educational Programs;

2021 – opening of the Center for Electronic Medical Education of Volgograd State Medical University; opening of the Simulation Pharmacy of VolgSMU (in the educational building No. 2 at 3 Pugachevskaya Street) and a simulation laboratory; establishment of the Dental Clinical and Diagnostic Center of VolgSMU; opening of a new dissertation council in the scientific specialties "Technology of Drug Production" and "Pharmaceutical Chemistry, Pharmacognosy";

2022 – opening of the Center for Medical Care for Patients with Ear Pathologies at the Family Medicine Clinic of VolgSMU; creation of a new dissertation council in the scientific specialties "Human and Animal Physiology" and "Hygiene"; Clinical Dental Clinic No. 10 became a part of the Dental Clinical and Diagnostic Center of VolgSMU; creation of the Veterinary Center of Volgograd State Medical University; opening of the Master's program "Public Health", the Master's Degree Program "General Medicine", a new level of education - vocational training; creation of the Medical and Psychological Center on the basis of the Family Medicine Clinic of VolgSMU; opening of the Process Factory of VolgSMU; opening of the Project Office of VolgSMU; establishment of the Support Center for the Development of Rehabilitation and Habilitation Devices; opening of a new subdivision of the Dental Clinical and Diagnostic Center of VolgSMU in the Kirovsky district of Volgograd;

2023 – opening of a new coworking space in the library of VolgSMU; opening of a simulation center for pre-medical care and accreditation of secondary vocational education

specialists in the Traktorzavodsky District of Volgograd; Entry of VolgSMU into the pilot project for the creation of electronic diplomas.

9.1.3. BVEP of the specialist degree in the specialty 33.05.01 Pharmacy at VolgSMU meet the modern requirements for the development of professional, including medical and pharmaceutical education and make it possible to implement the main mission of the university and the BVEP - the formation of conditions for the fundamental and practical orientation of personnel training based on international standards, in accordance with the requirements of the Federal State Educational Standards for the implemented specialties and areas of training, professional standards, which will allow graduates to work successfully in their chosen fields, being competitive specialists in demand in the Russian and world labor market.

The effectiveness of educational activities, the results of learning in the EP and their compliance with the Missions of the EP in the general context of the Mission of the university are controlled by the Department of Educational Programs, the Educational Department, and the Dean's Office. Taking into account its own experience, internal and external audits, changes in the external environment, the university is constantly improving its activities. The provisions of the Mission and the Policy are adapted to the final results and needs of the development directions of the national education and health systems.

9.1.4. All implemented EPs are updated annually with the mandatory participation of employees of specialized organizations, representatives of the employer and representatives of students.

9.1.5. When updating the BVEP of a specialist in the specialty 33.05.01 Pharmacy, it is mandatory to undergo an external peer review, while one reviewer is selected from among the employees of another educational institution of higher education that implements a similar EP, and the second from among the employees of specialized organizations and representatives of the employer. Valuation funds are additionally subject to peer review. In the course of annual updating, external specialists are involved in the discussion of changes and additions to the EP – employees of specialized organizations, representatives of the employer who are members of the Educational and Methodological Commission of the Faculty of Pharmacy, which makes it possible to adapt the EP model and teaching methods to ensure their adequacy and relevance to the requirements of the pharmaceutical industry.

9.1.6. The process of updating the EP is based on the constant study of trends in the pharmaceutical industry, in medical science and the field of medical education, participation in conferences, seminars, webinars in this area, current innovations in the pedagogy of higher education, accreditation issues, preparation of new EPs, and improving the quality of

education. The structure of the EP is updated to ensure that students acquire the necessary soft skills and practical skills in order to form specialists with communication and digital skills, the ability to work in a team, for example, this is facilitated by the introduction of a specialist degree in the specialty 33.05.01 Pharmacy of new relevant elective disciplines (disciplines: "Methodology of Preclinical and Clinical Trials of Medicines", "Artificial Intelligence Systems", "Fundamentals of Research and Project Management").

At the end of the academic year, at the meetings of the departments, the issues of the need to make additions and changes to the curricula of disciplines, practices based on the results of new scientific research, new methods are discussed. At the same time, educational and methodological materials are being revised and updated, updated taking into account modern teaching methods using active teaching methods, as well as problem-based presentation, research, practical forms of learning, motivation stimulation and other pedagogical technologies. Updated materials are provided to students in full through the university's EIOS. In the first week of September, first-year students are additionally trained in the use of the university's EIOS.

Monitoring of the implementation of the BVEP specialist in the specialty 33.05.01 Pharmacy and achievements is also carried out on the basis of the results of academic performance, questionnaires, reports of departments and structural units. The [opinion of scientific and pedagogical workers](#) about the quality of educational activities, the opinion of employers [about the quality](#) of training of graduates, the [opinion of students](#) are taken into account on the quality and conditions of the implementation of the EP in the context of disciplines and practices (a separate survey for disciplines and for practices with the relevant specifics of the questionnaire). One of the criteria that students evaluate in the internship survey is satisfaction with the knowledge, skills, and abilities acquired during the internship. Answers to this question allow students to get a direct opinion on how well the goals and objectives of the internship are realized in their eyes and how much it corresponds to their upcoming professional activity. In general, the students' answers show [a high level of satisfaction with this indicator](#).

9.1.7. Improving the quality of student assessment is an integral part of the University's Mission, which is to train highly qualified specialists. In this context, the analysis of the effectiveness and updating of the principles and criteria of assessment, the assessment tools used is carried out in strict accordance with the methods of teaching and learning, which plays an important role in the organization and provision of the educational process. Thus, VolgSMU provides for the main directions of modernization of the system of control and assessment of educational achievements: transparency of requirements for the level of training

and control procedures for all participants in the educational process - students, teachers, specialists, the public; improvement of the assessment system in the process of current, intermediate and state final certification; assessment of students' ability to apply the knowledge and skills acquired in the learning process in various life situations; standardization and objectification of the assessment of the quality of graduate training.

A point-rating system is used in the assessment of students. Various assessment tools are used depending on the context of a particular discipline, practice and the competencies it forms – testing, solving practice-oriented situational problems, assessing the development of practical skills, interviewing on control questions, etc.

9.1.8. Educational services provided by VolgSMU of the Ministry of Healthcare of Russia for the purpose of fulfilling the state order are in accordance with the current legislation and amendments to it. Determining the recruitment policy in connection with the changing needs of the specialized industry, including the health care system, the university annually reviews and approves the procedure for admission of students, the list and scope of additional adult education. [The dynamics of admission of](#) the specialist degree in the specialty 33.05.01 "Pharmacy", including the number of foreign citizens, taking into account the adaptation to the state of the labor market and the needs of the healthcare system, [is presented in the tables.](#)

9.1.9. The University provides teaching staff and researchers with equal opportunities for continuous professional development. Planning, recruitment, hiring and administration of academic staff, approval of the annual staffing table of teaching staff are carried out on the basis of the requirements of the legislation of the Russian Federation in accordance with the [personnel policy of the Federal State Government-Funded Educational Institution of Higher Education of VolgSMU of the Ministry of Healthcare of Russia](#). There is an effective system of selection and placement of personnel on a competitive basis. In addition, in order to ensure practice-oriented training, highly qualified specialists from among the employees of specialized organizations are involved in the implementation of the educational process.

In order to ensure professional growth, administrative staff, teaching staff and other employees of the university regularly improve their qualifications. [The Regulation on the Organization of Additional Professional Education for Teachers of the Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation](#) approved the model of teaching staff and the procedure for training according to it. The most promising employees with appropriate business and personal qualities are included in the reserve of managerial personnel.

9.1.10. For the successful implementation of the EP, it is necessary to provide the departments and other structural divisions of the university involved in the implementation of educational activities with material and technical (classrooms, equipment and technical means of teaching, including demonstration equipment, specialized furniture, visual aids, etc.), information (printed publications, information systems, professional databases), human resources. The university administration decides on the priorities, need, and amount of resources. The results of regular surveys and other feedback from students, teachers, and employees of other services on satisfaction with the material and technical base of the university are taken into account when forming applications for goods, services, and repair work.

The main directions of using the university's resources are: development and modernization of the educational process for all implemented EPs; development of scientific processes on the basis of the development of scientific research; organization of training on new EPs and their comprehensive support; expanding the introduction of digital technologies, including improving the quality of the implementation of training elements with EE and DLT; material support for the use of modern simulation technologies in the practical training of students.

All structural subdivisions of VolgSMU keep records of equipment and equipment, material and technical resources. Records are kept of all classrooms and other premises, including rooms for independent work of students, for the purpose of their rational use. Depending on the number of hours required for the implementation of the EP, the staffing table of the teaching staff is planned for the university as a whole and for each department.

Structural units, including departments, determine their needs and inform the management by submitting memoranda, as well as requests for the purchase of resources, repairs, and changes in the staffing table. The sufficiency of the provision of resources is monitored during audits, scheduled, comprehensive inspections, and when drawing up acts of readiness for the new academic year. All identified needs are analyzed, measures for continuous improvement of material and technical equipment are justified bases established in the [Development Program of the Volgograd State Medical University of the Ministry of Healthcare of Russia for 2022–2024](#), in accordance with which the university's budget is planned.

9.1.11. In order to ensure the constant renewal of processes at the university, improve the quality of education and increase customer satisfaction, the university conducts a revision of internal procedures, updates the structure of the university. Internal audits are conducted regularly in accordance with the requirements [of the WSOKO](#). The results of monitoring are

considered at the meetings of the academic councils of faculties/institutes, the rectorate, the academic council of VolgSMU and serve as the basis for determining measures to update and improve the quality of processes at the university. The process of continuous renewal and improvement is carried out through the introduction of new learning technologies in connection with changing external conditions, as well as the use of modern technologies.

9.1.12. Improvement of the organizational structure and management principles in order to ensure and increase the effectiveness of education is a priority area of activity of the Volgograd State Medical University of the Ministry of Healthcare of Russia. The university participates in international rankings, and the places it occupies indicate that the university is included in the list of the best HE in the country. In 2023, VolgSMU of the Ministry of Healthcare of Russia entered the top ten universities with the direction of "Pharmacy" according to the subject ranking of the RAEX Agency (9th place).

Implementing the main strategic directions, VolgSMU adheres to high quality and efficiency in personnel training, scientific research, the introduction of new methods into practical health care, and develops international cooperation.

The achievement of the set goals in the field of quality is facilitated by the QMS operating at the university, which provides for the management of all processes in accordance with the established requirements in accordance with the international standard ISO 9001:2015. Implementing its Mission of the BRI specialist in the specialty 33.05.01 Pharmacy within the framework of the Mission of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia, it strives to become a center of educational, scientific and medical activities of the world level.

SWOT analysis according to the "Continuous Update" standard	
Strengths	Weaknesses
The mission and final results of the BRI specialist in the specialty 33.05.01 Pharmacy are adapted to educational, scientific and pharmaceutical activities, as well as to the promotion of national values	A small share of employers involved in the development and updating of educational programs
The interest of the university administration in increasing its competitiveness and constant updates as one of the factors of meeting the requirements of the educational services market	
Regular revision of regulatory documents, work plans of the Faculty of Pharmacy, EP, taking into account changes in the requirements of the external environment, internal needs of the university related to the implementation of the Mission and the development strategy of the organization	
Experience has been gained in training specialists for the domestic and international markets in the specialty 33.05.01 Pharmacy	
VolgSMU is certified at the national and international	

level	
Possibilities	Threats
Participation of teaching staff and students in competitions for scientific and educational grants	Legislative Regulation of Certain Updates That Do Not Lead to Improvement of the Quality of Education
	Inability to implement certain upgrades due to cost and/or unknown cost/effectiveness ratio

According to the "Continuous Update" standard, 12 criteria are disclosed, of which 12 have a strong position, 0 - satisfactory and 0 - suggests improvements.

III. CONCLUSIONS. CONCLUSION OF THE SELF-ASSESSMENT COMMITTEE

FINDINGS

The activities of the Dean's Office of the Faculty of Pharmacy and the Dean's Office for Work with Foreign Students in the implementation of the BVEP specialist in the specialty 33.05.01 Pharmacy are carried out in accordance with the Charter, Program and Development Plan of the Federal State Government-Funded Educational Institution of Higher Education of the VolgSMU of the Ministry of Healthcare of Russia, which state the mission, vision, strategic areas of activity, goals reflecting the place and role in socio-economic, educational, scientific and cultural development.

The chosen mission, policy and priorities for the development of the BRI specialist in the specialty 33.05.01 Pharmacy allow us to successfully fulfill the goals and objectives for the training of competitive specialists for the pharmaceutical industry of the region and the country.

The organizational, functional and staffing structure corresponds to the mission, goals and objectives of the BRI specialist in the specialty 33.05.01 Pharmacy. The organizational and managerial structure of the Faculty of Pharmacy of VolgSMU of the Ministry of Healthcare of Russia is built in accordance with modern norms and rules of effective management.

The list and content of the BRI specialist in the specialty 33.05.01 Pharmacy in the disciplines of the compulsory component corresponds to modern pharmaceutical education, and the part formed by the participants of the relationship (elective and elective disciplines) reflects the innovations of the region and the modern needs of employers in the pharmaceutical industry.

The Dean's Office of the Faculty of Pharmacy and the Dean's Office for International Students control the quality of mastering the BVEP specialist degree in the specialty 33.05.01

Pharmacy by students according to the established criteria and ensure constant monitoring and improvement of the educational services provided. Particular attention is paid to practical training in the educational process, the acquisition of the necessary competencies by students required for future professional activities.

The Faculty of Pharmacy of the Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation creates the conditions necessary for the effective development of the chosen specialty in accordance with their interests and needs, providing this activity with appropriate resources (library, consulting, information).

VolgSMU of the Ministry of Healthcare of Russia has a well-developed socio-cultural environment, material and technical base and creates opportunities for all types of support for students and provides diverse opportunities for personal growth and development of students. The high level of training of the teaching staff contributes to the formation of the necessary professional knowledge and skills that are in demand in the labor market for students of the BVEP specialty in the specialty 33.05.01 Pharmacy.

The research activities of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia are developing dynamically, taking into account the high scientific qualifications, the experience of teachers and provide students of the BVEP with specialist degrees in the specialty 33.05.01 Pharmacy to actively participate and show their abilities in the scientific environment.

The Faculty of Pharmacy of the Volgograd State Medical University of the Ministry of Healthcare of the Russian Federation is carrying out purposeful work on the development of international cooperation, increasing scientific ties and academic mobility of students and teachers of the BVEP specialty in the specialty 33.05.01 Pharmacy.

Thus, the activities of the Federal State Government-Funded Educational Institution of Higher Education of the Volgograd State Medical University of the Ministry of Healthcare of Russia and the Faculty of Pharmacy on the implementation of the BVEP specialist degree in the specialty 33.05.01 Pharmacy reflects the constant positive dynamics of the growth of quantitative and qualitative indicators in terms of human resources, internationalization of education, which directly affects the reputation of the university in the national and international market.

The implementation of the BRI specialist in the specialty 33.05.01 Pharmacy is carried out in constant updating and improvement of all aspects of the educational process, in accordance with the achievements of pharmaceutical and medical science, according to the modern needs of the pharmaceutical industry.

CONCLUSION OF THE SELF-ASSESSMENT COMMITTEE

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
Standard 1. "MISSION AND RESULTS"						
1.1. Mission Definition						
An educational organization should:						
1	1.1.1	define the mission of the EP and communicate it to stakeholders and the health sector	+			
2	1.1.2	the mission of the EP to reflect the goals and educational strategy to prepare a competent specialist at the level of higher education in the field of health care with an appropriate basis for further career in any field of health care, including all types of practice, administrative medicine and scientific research in health care; able to perform the role and functions of a specialist in accordance with the established requirements of the health sector; prepared for postgraduate education and committed to lifelong learning	+			
3	1.1.3	Ensure that the mission incorporates research advances in the biomedical, clinical, pharmaceutical, behavioral and social sciences, aspects of global health, and reflects major international health issues	+			
1.2. Institutional Autonomy and Academic Freedom						
An educational organization should:						
4	1.2.1	have the institutional autonomy to develop and implement quality assurance policy, for which the administration and teachers, especially with regard to curriculum development and allocation of resources necessary for the implementation of the educational program	+			
5	1.2.2	Provide academic freedom for staff and students to implement educational program and the use of the results of new research for improving the study of specific disciplines/issues without expanding the EP	+			
1.3. Learning Outcomes						

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
An educational organization should:						
6	1.3.1	Identify the expected learning outcomes that learners are expected to achieve at the end of the training in relation to achievement at the basic level in terms of knowledge, skills and professional attitudes; an appropriate foundation for a future career in any area of the healthcare industry; future roles in the health sector; postgraduate training; commitment to lifelong learning; the needs of public health, the needs of the health system and other aspects of social responsibility	+			
7	1.3.2	Ensure proper behaviour of students towards classmates, teachers, medical staff, patients and their relatives	+			
8	1.3.3	publish the expected learning outcomes of the EP	+			
9	1.3.4	Identify and coordinate the relationship between the learning outcomes required at completion and those required in postgraduate studies	+			
10	1.3.5	provide for the possibility of students to participate in research in the relevant field of health care	+			
11	1.3.6	Pay attention to expected learning outcomes related to global health	+			
1.4.Participation in the formulation of the mission and learning outcomes						
An educational organization should:						
12	1.4.1	should ensure the participation of key stakeholders in the formulation of the mission and expected learning outcomes	+			
13	1.4.2	ensure that the stated mission and expected learning outcomes are based on the opinions/suggestions of other stakeholders	+			
		Total	13			
Standard 2.EDUCATIONAL PROGRAM						
2.1.Educational Program Model and Teaching Methods						
An educational organization should:						
14	2.1.1	define the specifications of the EP, including a statement of expected learning outcomes, a curriculum based on a modular or spiral structure, and the qualifications obtained as a result of mastering the program	+			

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
15	2.1.2	Use teaching and learning methods that stimulate, prepare, and support learners to take responsibility for the learning process	+			
16	2.1.3	ensure that the EP is implemented in accordance with the principles of equality	+			
17	2.1.4	Develop learners' lifelong learning abilities				
2.2. Scientific Method						
An educational organization should:						
18	2.2.1	Inculcate the principles of scientific methodology, including analytical and critical thinking, throughout the curriculum; Research Methods in Healthcare and Evidence-Based Medicine	+			
19	2.2.2	to include the results of modern scientific research in the EP	+			
2.3. Basic Disciplines and Practices						
An educational organization should:						
20	2.3.1	to identify and include in the EP the achievements of basic disciplines and practices for the formation of students' understanding of scientific knowledge, concepts and methods that are the basis for the acquisition and practical application of clinical scientific knowledge	+			
21	2.3.2	change the educational program, taking into account the achievements of basic disciplines and practices that reflect scientific, technological, medical and pharmaceutical developments, the current and expected needs of society and the health care system	+			
2.4. Humanities						
An educational organization should:						
22	2.4.1	to identify and include in the EP the achievements of humanitarian disciplines	+			
23	2.4.2	to change the EP, taking into account the achievements of the humanities, including modern scientific, technological, medical and pharmaceutical developments, the current and expected needs of society and the health care system; Changing demographic and cultural context	+			
2.5. Core / Clinical Disciplines and Practices						
An educational organization should:						

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
24	2.5.1	Identify and incorporate into the EP the achievements of specialized/ clinical disciplines and practices to ensure that learners have acquired sufficient knowledge, clinical and professional skills upon completion of training to take appropriate responsibility in their subsequent professional activities	+			
25	2.5.2	Ensure that trainees spend a sufficient portion of the program in planned patient contacts, service users, in appropriate clinical/industrial settings, and gain experience in health promotion and disease prevention	+			
26	2.5.3	determine the amount of time allocated for the study of the main profile/clinical disciplines and practices	+			
27	2.5.4	Provide training with appropriate attention to the safety of the learning environment and patients, including observation of the trainee's activities in clinical/industrial settings	+			
28	2.5.5	Change the EP, taking into account the achievements of scientific, technological, medical and pharmaceutical developments, the current and expected needs of society and the health care system	+			
29	2.5.6	Ensure that each trainee has early contact with real patients, consumers of services, including their gradual participation in the provision of services and including responsibility for: <ul style="list-style-type: none"> - in terms of examination and/or treatment of the patient under supervision in an appropriate clinical setting; - in the procedures of sanitary and epidemiological surveillance in terms of inspection and/or inspection of the facility under supervision, which is carried out in the relevant production bases (centers of sanitary and epidemiological expertise, territorial departments of sanitary and epidemiological control, including hrs. transport, disinfection organizations and health care facilities); - in terms of consulting the patient on the rational use of medicines, which is carried out in 	+			

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
		the appropriate production conditions				
30	2.5.7	Structure the various components of training in clinical, hygienic, environmental and occupational monitoring and other work-related skills according to the specific phase of the training programme	+			
2.6. Educational Program Structure, Content and Duration						
An educational organization should:						
31	2.6.1	describe the content, scope and sequence of disciplines/modules, including compliance with the appropriate ratio between the basic humanities and specialized/clinical/disciplines and practices	+			
32	2.6.2	to provide for the horizontal integration of related sciences and disciplines	+			
33	2.6.3	provide for the vertical integration of specialized/clinical sciences and practices with basic and humanitarian disciplines	+			
34	2.6.4	provide an opportunity for elective content (electives) and determine the balance between the mandatory and elective parts of the Civic Chamber	+			
35	2.6.5	to determine the relationship with complementary medicine, including non-traditional, traditional or alternative practices, occupational medicine, including aspects of the impact of the environment and technogenic production loads , the social situation on the health of the population	+			
2.7. Program Management						
An educational organization should:						
36	2.7.1	define procedures for the development, approval and revision of the EP	+			
37	2.7.2	Identify a committee, under the direction of academic leadership, responsible for planning and implementing the EP to ensure that the expected learning outcomes are achieved.	+			
38	2.7.3	Ensure the representation of teachers, students, representatives from other stakeholders , including representatives from clinical, industrial bases , graduates of the PO, health professionals involved in the learning process in	+			

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
		the composition of the PO committee responsible for the EP.				
39	2.7.4	through the committee responsible for the EP to plan and implement innovations in the EP	+			
2.8. Connection with pharmacy and the health care system						
An educational organization should:						
40	2.8.1	Ensure continuity between the EP and the subsequent stages of professional training or practical activities that the learner will embark on at the end of the training	+			
41	2.8.2	takes into account the specifics of the conditions in which graduates will have to work and modify the EP accordingly	+			
		Total	28			
Standard 3.ASSESSMENT OF STUDENTS						
3.1.Assessment Methods						
An educational organization should:						
42	3.1.1	define and approve the principles, methods and practices used to assess students, including the number of examinations, criteria for establishing passing scores , grades and the number of retakes allowed;	+			
43	3.1.2	ensure that assessment procedures cover knowledge, skills, attitudes and professional behaviour	+			
44	3.1.3	Use a wide range of assessment methods and formats depending on their "usefulness assessment", including a combination of validity, reliability, learning impact, acceptability and effectiveness of assessment methods and formats	+			
45	3.1.4	Ensure that the evaluation process and methods are open (accessible) to external review	+			
46	3.1.5	Ensure that assessment methods and results avoid conflicts of interest and use a student assessment appeal system	+			
47	3.1.6	openness of the assessment procedure and its results, inform students about the criteria and assessment procedures used	+			
48	3.1.7	Provide for the possibility of documenting and assessing the reliability and validity of assessment methods, as well as the use of external examiners	+			

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
3.2.The Relationship Between Assessment and Learning						
An educational organization should:						
49	3.2.1	Use assessment principles, methods and practices that are compatible with the planned RO and teaching and learning methods, ensure the achievement of the intended learning outcomes, promote student learning , and provide an appropriate balance of formative and summative assessment for the direction of learning and decision-making on academic performance	+			
50	3.2.2	Provide for the possibility of adjusting the number and nature of examinations in order to stimulate both the acquisition of knowledge and integrated learning	+			
51	3.2.3	Provide timely, specific, constructive, and fair feedback to students on assessment results	+			
		Total	10			
Standard 4.STUDYING						
4.1.Admission & Selection Policy						
An educational organization should:						
52	4.1.1	define and implement an admission policy based on the principles of objectivity and including a clear statement of the student selection process	+			
53	4.1.2	Have policies and practices for the admission of persons with disabilities	+			
54	4.1.3	have a policy and implement the practice of transferring students from other educational institutions, including foreign ones	+			
55	4.1.4	to establish a connection between the selection and the mission of the educational organization, the educational program and the desired quality of graduates; periodically review the admissions policy	+			
56	4.1.5	use a system for appealing decisions on the admission of students	+			
4.2.Enrolment						
An educational organization should:						
57	4.2.1	determine the number of students admitted in accordance with the possibilities of organizing education at all stages of the educational program	+			

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
58	4.2.2	Periodically regulate the number and number of students enrolled, taking into account the views of stakeholders responsible for planning and developing human resources in the health sector to meet the health needs of the population and society as a whole	+			
59	4.2.3	Provide for the possibility of periodically reviewing the number and nature of enrolments, in consultation with other stakeholders, and adjusting to meet the health needs of the population and society as a whole	+			
4.3. Student Counseling and Support						
An educational organization should:						
60	4.3.1	have a system of academic counseling for students	+			
61	4.3.2	Offer students a program of support focused on social, financial and personal needs, allocating appropriate resources and ensuring the confidentiality of counseling and support	+			
62	4.3.3	have a feedback system with students on the assessment of conditions and the organization of the educational process	+			
63	4.3.4	provide students with documents confirming the qualification (diploma) and the diploma supplement (transcript)	+			
64	4.3.5	take into account the needs of different groups of students and provide an opportunity for the formation of an individual educational trajectory	+			
65	4.3.6	Provide academic counseling that is based on the monitoring of the student's progress and includes career guidance and career planning	+			
66	4.3.7	includes counseling and career planning	+			
4.4. Student Representation						
An educational organization should:						
67	4.4.1	Develop and implement a policy of student representation and appropriate participation in the mission, development, management and evaluation of the educational program and other matters related to students	+			
68	4.4.2	Provide an opportunity to encourage and promote and support student activities and student organizations	+			

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
		Total	17			
Standard 5.ACADEMIC STAFF/FACULTY						
5.1.Recruitment and Selection Policy						
An educational organization should develop and implement a staff selection and recruitment policy that:						
69	5.1.1	determines their category, responsibilities and balance of academic staff/teachers of basic disciplines and practice, humanities disciplines and profile/clinical disciplines and practices for the adequate implementation of the EP, including the proper ratio between teachers of medical, non-medical , pharmaceutical profiles, full-time or part-time faculty, and the balance between academic and non-academic staff	+			
70	5.1.2	takes into account the criteria of scientific, educational and clinical achievements, including the relationship between teaching, research activities and "service" functions	+			
71	5.1.3	Identifies and monitors the responsibilities of academic staff/faculty in Basic Biomedical Sciences, Behavioral and Social Sciences, and Clinical, Hygienic, Pharmaceutical Sciences.	+			
72	5.1.4	provides for the possibility in the policy of selection and recruitment of personnel to take into account such criteria and features as the attitude to the mission and economic opportunities of the educational organization, as well as the significant features of the region	+			
5.2.Personnel Activity and Development Policy						
An educational organization should develop and implement a policy for the activities and development of personnel, which is aimed at:						
73	5.2.1	striking a balance between teaching, research and service functions, ensuring recognition of worthy academic activity, with due emphasis on teaching, research and professional qualifications	+			
74	5.2.2	ensuring that individual staff members have sufficient knowledge of the entire educational program, as well as training and professional development of teachers, their development and evaluation	+			
75	5.2.3	the ability to take into account the teacher-student ratio depending on the different	+			

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
		components of the educational program				
76	5.2.4	Career development of personnel	+			
		Total	8			
Standard 6. EDUCATIONAL RESOURCES						
6.1. Material and technical base						
An educational organization should:						
77	6.1.1	have a sufficient material and technical base to ensure the adequate implementation of the educational program, as well as create a safe learning environment for staff, students, patients and their relatives	+			
78	6.1.2	Improve the learning environment by regularly updating and expanding the material and technical base to meet changes in educational practice	+			
6.2. Hands-on Training Resources						
An educational organization should:						
79	6.2.1	Provide the necessary resources to provide learners with appropriate clinical/practical experience, including: <ul style="list-style-type: none"> • Quality and categories of patients/consumers of services • Number and categories of clinical/ production facilities • Observation of students' practice 	+			
80	6.2.2	evaluate, adapt and improve clinical/practical training settings to meet the needs of the population	+			
6.3. Information Technology						
An educational organization should:						
81	6.3.1	Develop and implement policies aimed at the effective and ethical use and evaluation of appropriate information and communication technologies	+			
82	6.3.2	provide access to websites or other electronic media	+			
83	6.3.3	Provide teachers and learners with access to relevant patient data and health information systems, using existing and relevant new information and communication technologies for self-learning, access to information, patient databases and health information systems	+			

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
6.4. Medical/Pharmacy Research and Scientific Advances						
An educational organization should:						
84	6.4.1	use research activities and scientific achievements in the field of medicine and pharmacy as a basis for an educational program	+			
85	6.4.2	formulate and implement policies that promote the link between research and education; provide information on the research base and priority areas in the field of scientific research of the organization of education	+			
86	6.4.3	Provide for the relationship between research and education is taken into account in teaching, encourages and prepares learners for and participation in research in the field of health	+			
6.5. Expertise in the field of education						
An educational organization should:						
87	6.5.1	have access to educational expertise of the processes, practices and problems of medical and pharmaceutical education with the involvement of specialists, educational psychologists, sociologists of the university, interuniversity and international levels; develop and implement a policy of expertise in the development, implementation and evaluation of the educational program, the development of teaching and assessment methods	+			
88	6.5.2	demonstrate evidence of the use of internal or external educational expertise in staff development, taking into account current experience in medical/pharmaceutical education and contributing to the interests of staff in conducting research in education	+			
6.6. Exchange in the field of education						
An educational organization should:						
89	6.6.1	formulate and implement a policy on national and international cooperation with other educational organizations, including the mobility of staff and students, as well as the transfer of educational credits	+			
90	6.6.2	to promote the participation of teachers and students in academic mobility programs in the country and abroad and to allocate appropriate	+			

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
		resources for this purpose				
		Total	14			
Standard 7.EVALUATION OF THE EDUCATIONAL PROGRAM						
7.1.Programme monitoring and evaluation mechanisms						
An educational organization should:						
91	7.1.1	have regulated procedures for monitoring, periodic evaluation of the educational program and learning outcomes, progress and academic performance of students	+			
92	7.1.2	develop and apply an evaluation mechanism for the educational program, which considers the program, its main components, the performance of students , identifies and solves problems, and ensures that the relevant assessment results affect the EP	+			
93	7.1.3	Periodically evaluate the program, comprehensively considering the educational process, components of the educational program, expected learning outcomes and social responsibility	+			
7.2.Feedback from the teacher and the student						
An educational organization should:						
94	7.2.1	systematically conduct, analyze and respond to feedback from teachers and students	+			
95	7.2.2	Use the results of feedback to improve the educational program	+			
7.3.Students' Learning Achievements						
An educational organization should:						
96	7.3.1	analyze the progress of students and graduates in accordance with the mission and expected learning outcomes, the training program and the availability of resources	+			
97	7.3.2	analyze the progress of students and graduates, taking into account the conditions of their previous education, the level of training when entering a university; use the results of the analysis to interact with the structural unit responsible for the selection of students, the development of an educational program, and the consulting of students	+			
7.4.Stakeholder Engagement						
An educational organization should:						

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
98	7.4.1	Involve key stakeholders in the monitoring and evaluation of the educational program	+			
99	7.4.2	Provide stakeholders with access to the results of the evaluation of the program, collect and study their feedback on the practical activities of graduates and feedback on the educational program	+			
		Total	9			
Standard 8.MANAGEMENT & ADMINISTRATION						
8.1.Management						
An educational organization should:						
100	8.1.1	Identify structural units and their functions, including relationships within the university	+			
101	8.1.2	define committees in the management structure, their responsibilities, and their composition, reflecting the representation of key and other stakeholders, ensuring transparency of the work of management bodies and their decisions	+			
8.2.Academic Leadership						
An educational organization should:						
102	8.2.1	describe the responsibilities of academic leadership in defining and managing the educational program	+			
103	8.2.2	Periodically evaluate academic leadership in relation to the achievement of its mission and expected learning outcomes	+			
8.3.Training Budget and Resource Allocation						
An educational organization should:						
104	8.3.1	have a clear distribution of responsibilities and powers to provide resources for the educational program, including a targeted budget for training	+			
105	8.3.2	allocate the resources necessary for the implementation of the EP and allocate educational resources in accordance with their needs	+			
106	8.3.3	Provide for the ability to allocate resources independently, including the remuneration of teachers, who adequately achieve the planned learning outcomes; The allocation of resources should take into account scientific advances in health and public health issues and their needs	+			
8.4.Administrative Staff and Management						

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
An educational organization should:						
107	8.4.1	have administrative and professional staff for the implementation of the educational program and related activities, ensure proper management and allocation of resources	+			
108	8.4.2	ensure the participation of all departments of the educational organization in the processes and procedures of the internal quality assurance system	+			
8.5. Interaction with the Pharmacy and Healthcare Sector						
An educational organization should:						
109	8.5.1	to engage constructively with the health system and health-related sectors of society and government, including foreign	+			
110	8.5.2	Formalize collaborations, including staff and training, with partners in the health sector	+			
8.6. Informing the public						
An educational organization should:						
111	8.6.1	publish on the official website of the educational organization and in the media complete and reliable information about the educational program and its achievements	+			
112	8.6.2	publish on the official website objective information about the employment and demand for graduates	+			
		Total	13			
Standard 9.CONSTANT UPDATING						
An educational organization should:						
113	9.1.1	As a dynamic and socially responsible organization, initiate procedures to regularly review and update the program' s process, structure, content, outcomes/competencies, evaluation and learning environment, address documented deficiencies , allocate resources for continuous renewal	+			
114	9.1.2	base the renewal process on prospective health research and on the results of in-house research, evaluation and literature on medical/pharmaceutical education;	+			
The education organization should ensure that the process of renewal and restructuring leads to a revision of policies and practices in accordance with past experience, current activities and prospects for the future; Provide an opportunity to address the following						

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
issues during the upgrade process:						
115	9.1.3	adaptation of the mission for the scientific, socio-economic and cultural development of society;	+			
116	9.1.4.	Changing the expected learning outcomes of graduates in accordance with the documented needs of the environment in which they will be located. Modification of learning outcomes to meet the documented needs of the postgraduate training environment, including clinical skills, public health training, and participation in patient care in accordance with the responsibilities that are assigned to graduates after graduation	+			
117	9.1.5.	adaptation of the EP model and teaching methods to ensure their adequacy and relevance;	+			
118	9.1.6.	adjustment of the elements of EP and their relationship in accordance with advances in biomedical, behavioral, social and clinical, hygienic, pharmaceutical sciences, with changes in demographic and health/morbidity patterns of the population and socio-economic and cultural conditions , and the adjustment process will ensure the incorporation of new relevant knowledge, concepts and techniques, and the elimination of obsolete ones	+			
119	9.1.7.	development of assessment principles, methods and number of examinations in accordance with changes in the intended learning outcomes and teaching methods;	+			
120	9.1.8.	adapting the admission policy and selection methods to changing expectations and circumstances, human resource needs, changes in the pre-university education system and the needs of EPs;	+			
121	9.1.9.	Adapting the policy of recruitment and formation of academic staff in accordance with changing needs	+			
122	9.1.10	updating educational resources in accordance with changing needs, i.e. e. the number of students, the number and profile of academic staff, and the educational program;	+			

Item No.	Crete No.	Evaluation Criteria	Position of the BVEP specialist in the specialty 33.05.01 Pharmacy			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
123	9.1.11	improving programme monitoring and evaluation;	+			
124	9.1.12	Developing the organizational structure, as well as leadership and management, to cope with changing circumstances and needs and, over time , to adapt to the interests of different stakeholder groups	+			
		Total	12			
		ALTOGETHER	124	0	0	0