



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

Report

on the results of the work of the external expert commission on the
evaluation of the educational program in the specialty
6B10113 "Public health "
for compliance with the requirements of primary
accreditation standards
Non-profit joint-stock company
Semey Medical University
from May 30 to June 01, 2023

**INDEPENDENT ACCREDITATION AND RATING AGENCY
EXTERNAL EXPERT COMMISSION**

*Addressed to
To the Accreditation
Center
To the IAAR Council*



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**Semey
" 01 " June 2023**

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(I) LIST OF SYMBOLS AND ABBREVIATIONS

AIS-automated information system
 AK-Academic Committee
 AC-Academic Council
 BDO – basic subjects required
 University - higher education institution
 SAC - State Attestation Commission
 GOBMP – guaranteed amount of free medical care
 SSO - The State mandatory standard of education
 DAR-Department of Academic Work
 DPVO - Department of Postgraduate Education
 DSRMP-Department for Social Work and Youth Policy
 WKMU-West Kazakhstan Medical University.Marata Ospanova
 PO – stakeholders
 IGA-final state certification
 KDC – consulting and diagnostic center
 CIS-control and measuring devices
 KSM-Family Medicine Clinic
 KR- frontier control
 Ministry of Health of the Republic of Kazakhstan – Ministry of Health of the Republic of
 Kazakhstan
 Ministry of Education and Science – Ministry of Education and Science
 MOS-modular educational programs
 R & D – research work
 NTP-scientific and technical project
 SPC-scientific and practical center
 IEP-Individual curriculum
 EP-educational program
 OR-registrar's office
 Teaching staff–faculty members
 RUP – working curriculum
 QMS-Quality management system
 Mass media – mass media
 EDMS – electronic document management system
 US-Academic Council
 CNPR-Center for Continuing Professional Development
 CPN-Practical Skills Center
 CBL - Training in clinical situations
 PBL-Problem-based learning
 TBL-Team-oriented training

(II) INTRODUCTION

In accordance with Order No. 81-23-OD dated 03/16/2023 of the Independent Agency for Accreditation and Rating (hereinafter – IAAR), from May 30 to June 01, 2023, an external expert commission (VEC) evaluated the educational program **6B10113** Public Health for compliance with the standards of primary accreditation of basic medical and pharmaceutical education IAAR based on the standards of WFME/AMSE (Republic of Kazakhstan) dated May 25, 2018 No. 68-18/1-OD, implemented by NAO "Semey Medical University".

The report of the external expert commission contains an assessment of the compliance of activities within the framework of primary accreditation with the IAAR criteria, recommendations of the VEC on further improvement of the parameters of the specialized profile of the educational program **6B10113** Public Health.

Costav VEC:

IAAR Chairman IAAR - Asiya Iglukova, PhD, Associate Professor, Al-Farabi Kazakh National University (Almaty, Republic of Kazakhstan);

IAAR Foreign Expert-Elena Yurieva PhD, Associate Professor, Krasnoyarsk Voino-Yasenetsky Medical University (Krasnoyarsk, Russian Federation);

IAAR foreign expert-Ilaha Kamal kyzy Akberova, PhD, Associate Professor, Azerbaijan State Institute of Advanced Medical Training named after Aziz Aliyev (Azerbaijan Republic, Baku);

Эксперт IAAR – IAAR Expert Dmitry Anatolyevich Klyuev, PhD, Associate Professor, NAO " Karaganda Medical University "(Karaganda, Republic of Kazakhstan);

IAAR Expert-Samat IAAR – Zharmenov, PhD, Associate Professor, Kazakhstan Medical University, Higher School of Economics ,Almaty, Republic of Kazakhstan;

IAAR employer IAAR-Koishymanernar Yerkinbekuly, Luch Neurorehabilitation Center LLP (Karaganda, Republic of Kazakhstan);

IAAR student IAAR-Zhardemeli Maya Daurenkyzy, student, S. D. Asfendiyarov Kazakh National Medical University (Almaty, Republic of Kazakhstan);

IAAR student IAAR-Ibraev Batyrzhan Sabyrkhanuly, resident, NAO " Astana Medical University "(Republic of Kazakhstan, Astana);

IAAR observer IAAR-Alisa Dzhakenova, PhD, Head of Medical Projects of the Agency (Astana, Republic of Kazakhstan).

(III) REPRESENTATION OF THE EDUCATIONAL ORGANIZATION

Semey Medical University was founded in 1953 (opening of the Faculty of General Medicine). In 1953, 320 students were enrolled. Over the years of its existence, graduates of the university have successfully worked throughout Kazakhstan, as well as near and far abroad.

The University provides educational services for higher, postgraduate and additional education. Training is conducted in the state, Russian and English languages. The student body is more than five thousand people. Form of study: full – time, full-time, distance learning.

Training in clinical skills is conducted on the basis of the Department of Simulation and Educational Technologies, in the university's own hospital and 117 clinical bases.

The total number of students is 5,977, with 1,361 international students enrolled, accounting for almost 32.70% of the total number. During the history of its existence, the University has trained more than 25 thousand specialists in medicine and pharmacy.

Currently, Semey Medical University is the largest university in the North-Eastern region of Kazakhstan and the main supplier of medical personnel for the Abay region, East Kazakhstan and Pavlodar regions.

The University annually occupies a leading position in the national rankings of universities in Kazakhstan. According to the results of the National Rating of leading universities of Kazakhstan -2022, Semey Medical University took the honorable 1st place among medical universities. According to the results of the national award "ALTYN SHIPAGER", NAO "MUS" is recognized as one of the best medical universities in the country.

The University is a leader among medical universities in Kazakhstan in terms of employment of graduates. The share of employed graduates reaches 100 %.

In total, over the years of its existence, the university has trained more than 25 thousand specialists who successfully work in Kazakhstan, near and far abroad (Pakistan, India, Palestine, Sudan, Morocco, Jordan, Israel, Syria, Russia, Germany, Canada, etc.), which indicates a high level of qualification of trained specialists. International cooperation of the University traditionally continues with Russia, Japan, Turkey, India, and Pakistan. International projects are being implemented under the Erasmus program. This year, in September, a strategic partnership agreement was signed with the Pirogov Russian National Research Medical University (Moscow, Russia), as well as with Kazan State Medical University.

Currently, the university has 63 contracts with educational, scientific and clinical organizations from 24 countries of the world. Since 2016, Erasmus+ projects have been implemented at the university, which are aimed at increasing the potential of teaching staff and AUP, strengthening the material and technical base, expanding international relations of the university and improving educational programs. In March 2023, memoranda of understanding were signed with Dr. D. Y. PATIL VIDYAPEETH, PUNE and Max Healthcare organizations.

In the near future, the university aims to enter the TOP 700 + universities in developing countries in Europe and Central Asia. To achieve this goal, a modern integrated academic health care system was created as a result of the merger of the university with the Research Institute of Radiation Medicine and Ecology (RME Research Institute) and the expansion of the university's network of clinical bases in the Abai region, East Kazakhstan and Pavlodar regions.

The University has passed the NAOKO institutional accreditation, IA-A certificate No. 01081 dated 10.06.2019 is valid until 2024.

The quality management system is certified for compliance with the requirements of ST RK ISO 9001-2016. Certificate of Conformity no. KZ. Q. 02. 0305. C21. 007506 dated 09.12.2021 Valid until 09.12.2024.

In 2020, the State Education Program 2020 was accredited by the NAOKO Agency.

The procedure of accreditation of the Educational program 6B10113 "Public Health" for a period of 5 years in accordance with the State Educational Standard 2022 is carried out for the first time.

The duration of training in EP 6B10104 (5B110300) Pharmacy is 5 years, 300 ECTS credits, the total number of students in EP b on 14.01.2021 is 137 people (105 people Kazakh department, 32 people Russian department), the total number of teaching staff, characteristics of quantitative and qualitative indicators of teaching staff in OP Pharmacy are presented in Tables 1, 2.

Table 1-Teaching staff of EP 6B10113 "Public health"

	Middle age	Teaching staff with academic degrees and ranks (%)	They work on ct			Have an academic degree				Academic title	
			1,0	0,5	0,25	Master	Kmn	Dmn	PhD	Professo	Docent
Main staff of teaching staff (Department of Public Health)	45	42	7	6	6	8	4	2	2	1	4

Table 2 - Information about EP 6B10113 "Public health"

PART I	
Educational program/Educational programs	6B10113 " Public health "
Level / Period of study	Level 6/5 years
Structural division (head)	School of Public Health, Dentistry, Pharmacy and Nursing (Dean of the School of Public Health, Dentistry, Pharmacy and Nursing Kairkhanova Ynkar Okimkhanovna, PhD)
Main departments (heads of departments)	Department of Public Health (Khismetova Zaituna Abdulkasimovna, Candidate of Medical Sciences, Associate Professor)
Dates of the external session	30.05.2023 - 01.06.2023
Person responsible for accreditation (tel. / fax / email address)	Head of the Department of Quality Control of Medical Education: G. A. Uruzbayeva 87052639776 gulmira.uruzbayeva@smu.edu.kz
Number of ECTS credits	300 credits
Duration of training, form of training	5 years, 10 semesters, full-time education
Start of training	01.09.2022 year
Date of introduction of the educational program	29.07.2022 year
Previous accreditation	This program is undergoing accreditation for the first time
Requirements for applicants	Persons with general secondary education, technical and vocational education, post-secondary and higher education are accepted
Further education opportunities (upon completion of the program)	Admission to the Master's program in the specialty- Public Health - 1.2 years of study, Master's degree in MBA
EP goals and objectives	Training of qualified specialists who are able to solve current problems of public health and healthcare in the context of modern trends, as well as apply and develop advanced innovative technologies in practice and science for the protection and promotion of public health. Tasks: 1. Study of the health status of the population and

	<p>identify patterns of influence of social conditions on it.</p> <p>2. Carrying out sanitary and anti-epidemic measures aimed at eliminating and reducing the harmful effects of environmental factors on humans, including professional activities and participation in the organization of measures for labor protection, prevention of occupational diseases;</p> <p>3. Collecting and medico-statistical analysis of information on the state of public health, as well as performing control and supervisory functions in the field of sanitary and epidemiological welfare of the population.</p>
Short description of the EP	<p>The educational program includes 300 credits, of which 56 make up the mandatory component corresponding to the State Educational Standard 2022, 140 basic subjects, 95 profile subjects, 5 credits-an elective component and 4 credits-final certification. The program includes all the disciplines necessary for students to fully master all theoretical and practical skills that will be used in their future professional activities.</p>
Learning outcomes	<p>Graduate of this program:</p> <p>1. Is able to build effective intersectoral interaction with government authorities, organizations, the population, and the media to effectively address public health issues, including using modern information technologies.</p> <p>2. Has the skills of organizing the work of a labor collective, managing human resources, setting goals and formulating tasks, and determining priorities for activities.</p> <p>3. Knows and uses in practice the normative legal acts of the Republic of Kazakhstan on the protection of public health; sanitary and environmental legislation, legal bases of the activities of specialists of the state sanitary and epidemiological service.</p> <p>4. Is able to maintain accounting and reporting documentation provided for in healthcare organizations.</p> <p>5. It is able to monitor the quality of the environment and the health status of the population.</p> <p>6. Has the skills of developing, organizing and conducting sanitary-anti-epidemic and sanitary-preventive measures to promote and protect public health, prevent infectious, parasitic and non-communicable diseases, and evaluate their effectiveness.</p> <p>7. Is able to investigate, analyze and evaluate the quality indicators of various environmental objects and formulate its own conclusions in the form of recommendations for preventing adverse effects on them.</p> <p>8. Is able to assess the epidemiological situation, investigate epidemic outbreaks, make an epidemiological diagnosis and issue instructions for carrying out disinfection, disinsection and deratization works in foci of infectious diseases, assess the effectiveness of immunoprophylaxis among the population.</p> <p>9. Is able to organize sanitary and epidemiological control of the state of the environment, drinking water, food, supervision of vital objects, protection of borders from the import and spread of particularly dangerous infections in order to develop measures to ensure the sanitary and epidemiological well-being of the population, including in emergency situations.</p> <p>10. Is able to carry out epidemiological supervision and control over the implementation of preventive and anti-epidemic measures for infectious and parasitic diseases.</p>
Specialization	Bachelor of Healthcare Degree

Additional features	
Number of admitted students	13
Tuition fee	850 000
Employment opportunities	Healthcare manager, statistician, expert, specialist epidemiologist, hygienist.

The training of students in 6B10113 "Public Health" is carried out in accordance with the current regulatory legal acts of the Republic of Kazakhstan, coordinated with the Strategic Development Plan of the NCJSC SMU as well as with the mission, vision and strategy of the university.

(IV) DESCRIPTION OF THE EC SESSION

The work in the EG was carried out on the basis of the Visit Program of the IAAF expert commission / for example, within the framework of specialized accreditation of educational programs in the period from May 30 to June 01, 2023.

In order to coordinate the work of the VEC, an introductory meeting was held on 05/26/2023, during which powers were distributed among the members of the commission, the schedule of the visit was clarified, and agreement was reached on the choice of examination methods.

In order to obtain objective information on the evaluation of the university's activities, the members of the VEC used such methods as visual inspection, observation, interviewing employees of various structural divisions, teachers, students, graduates and employers, questioning the teaching staff, students.

The meetings of the VEC with the target groups were held in accordance with the specified program of the visit, in compliance with the established time interval. On the part of the University staff, the presence of all persons specified in the visit program was ensured.

In accordance with the requirements of the standards, in order to obtain objective information about the quality of educational programs and the entire infrastructure of the university, to clarify the content of self-assessment reports, meetings were held with the rector, vice-rectors, heads of structural divisions, deans, heads of departments, teachers of departments, students, graduates, employers, interviews and questionnaires of teachers and students were conducted. A total of 45 people took part in the meetings on Public Health (Table 3).

Table 3 - Information about employees, trainees, employers, graduates who took part in meetings with the IAAR / NAAR

Category of participants / number								
University Management		Heads of structural divisions	Deans	Teaching staff	Heads of educational institutions, heads of departments	Trainees	Employees	Graduates
rector	Vice-rector							
1	4	12	1	7	1	10	5	4

According to the program of the VEC visit, an online and offline tour of the university was also conducted, during which experts visited: the Service Center for Employees and Students, a library, a registrar Office, an audio-video recording studio, a School of postgraduate Education, a

School of Public Health, Dentistry, Pharmacy and Nursing, a Digital Technology Department, an Educational and clinical center; UG NCJSC "Semey Medical University, KGP on PCV "Polyclinic No. 7 of Semey city" of the health department of the Abai region.

In accordance with the accreditation procedure, an on-line survey of teachers and students was conducted: students. According to the results of a survey of teachers, в which приняли was attended by 16 people, it was revealed that 100% of respondents noted that they are satisfied with the content of the educational program, opportunities for continuous развития potential development, professional development, and the ability to actively apply their own teaching methods in the educational process. All respondents said that the library has the necessary scientific and educational literature. Many respondents are satisfied with the support of the management both in relation to the development of new educational programs and motivational approaches. In general, the vast majority of respondents answered positively to all the questions of the questionnaire and believe that this is an actively developing university with great возможностями growth opportunities and conditions for both teachers and staff, as well as for students. Teachers' satisfaction with the psychological climate in the team and the social support measures provided was noted in 93% of respondents.

A survey of 16 undergraduate and residency students was conducted. According to the results of the survey, 100% of respondents are satisfied with 36 positions (relations with the dean's office, the level of accessibility of the dean's office and responsiveness of the management, the availability of academic counseling, support for educational materials in the learning process, student-teacher relations, access to health services, the level of availability of library resources and the quality of their services, the content and information content of the website educational organizations in general and faculties (schools) in particular, study rooms, auditoriums for large groups, rest rooms for students (if available), clarity of disciplinary procedures, quality of the educational program in general, teaching methods in general, speed of response to feedback from teachers on the educational process, quality of teaching in general, the academic load/requirements for the student, information support and explanation before entering the university of the rules of admission and the strategy of the educational program (specialty), informing the requirements in order to successfully complete this educational program, the quality of exam materials, available computer classes and scientific laboratories, the objectivity and fairness of teachers, informing students about courses educational programs and academic degrees obtained, providing students with a dormitory.

Such satisfaction parameters as the availability of counseling on personal problems, the activities of financial and administrative services of the educational institution, the availability of educational resources of the university, the availability of computer classes, the availability and quality of Internet resources, the quality of educational programs in the EP, the requirements of teaching staff to the student, the objectivity of the assessment of knowledge, skills and other educational achievements - were noted in 94% interviewed students.

As part of the planned program, recommendations for improving the university's activities developed by the VEC based on the results of the examination were presented at a meeting with the management and heads of structural divisions of the NCJSC SMU on June 01, 2023.

(V) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

In 2020, the State Education Program 2020 was accredited by the NAOKO Agency. The procedure of accreditation of the Educational program 6B10113 "Public Health" for a period of 5 years in accordance with the State Educational Standard 2022 is carried out for the first time.

(VI) COMPLIANCE WITH SPECIALIZED ACCREDITATION STANDARDS

6.1. MISSION AND RESULTS Standard

Proof part

The University operates on the basis of the Charter, local regulations, and strategic development plan developed in accordance with the regulatory and strategic documents adopted in the Republic of Kazakhstan.

The mission and goals of Semey Medical University are to "Train outstanding doctors, scientists and leaders in the field of healthcare to provide high-quality medical care" <https://smu.edu.kz/ru/o-nas/> and developed in accordance with the prospects for the development of resources and capabilities of the university, as well as the requirements of the labor market.

Vision "Pearl of healthcare in Kazakhstan – a successful synthesis of education, science and clinical practice".

The mission and vision of NCJSC "SMU" contribute to improving the health of the population of Kazakhstan through high-quality training of competitive specialists and are coordinated by integrating the best world practices in education, science and clinics.

The mission of EP 6B10113 "Public health" is aimed at implementing the mission of the University, designed to take into account the development of economic needs of the labor market in our region and the republic

In the process of forming the Mission of EP 6B10113 "Public Health", teaching staff of the Department of Public Health, representatives of practical Health care (Republican State Institution "Semey City Department of Sanitary and Epidemiological Control of the Department of Sanitary and Epidemiological Control of the Abay region of the Committee of Sanitary and Epidemiological Control of the Ministry of Health of the Republic of Kazakhstan, medical institution "Victory" in Semey) took an active part. Information about the mission of the educational program is brought to the attention of all interested parties in the field of medical education and the health sector, through posting on the website of the university. https://drive.google.com/file/d/19q_fq0VHMBvPJ1ek5BT1HhkPhSVptqG/view.

The mission of the educational program 6B10113 "Public Health" is defined in the EP and is aimed at training qualified specialists in the field of public health, capable of implementing the acquired knowledge in preserving and strengthening public health, meeting modern requirements for the quality of specialists for the provision and provision of quality services in the health organization <https://smu.edu.kz/ru/educational-programs/6v10113-obshchestvennoe-zdorove/>

The purpose of the EP is to train qualified specialists who are able to solve current problems of public health and healthcare in the context of modern trends, as well as apply and develop advanced innovative technologies in practice and science to protect and promote public health.

OP 6B10113 "Public Health" mission is aimed at fulfilling the Mission of the NCJSC "SMU". The mission, goals and objectives of NCJSC "SMU", defined in the Development Program of NCJSC "Semey Medical University" for 2020-2024, are developed in accordance with the prospects for the development of resources and capabilities of the university, as well as the requirements of the labor market. <https://smu.edu.kz/ru/o-nas/programma-razvitiya/>

The survey is aimed at the expectations of the employer and the needs of the labor market. The university monitors the degree of implementation of the OP, conducts self-assessment, and surveys of students. A job fair and a round table with employers are held annually. The opinion of corporate partners and employers is taken into account for the formation of the EP and RUP, for determining the list and content of the component of choice, for organizing practices, and for evaluating the quality of the EP. Among employers, a survey is conducted to monitor satisfaction with the quality of training, the results of which are used to adjust the plans of specialties, the survey is subject to the examination of employers.

The mission provides for the inclusion of research achievements in the areas of biomedical, clinical, pharmaceutical, behavioral and social sciences, aspects of global health and reflects the

main international health issues and is reflected in the following modules: general education disciplines, basic medicine, fundamentals of sanitary and epidemiological surveillance, fundamentals of health management, clinical component, containing disciplines that include knowledge and competencies that lead to final learning outcomes <https://drive.google.com/drive/folders/1QHjjJ0Sob6jOBj1WKLExhzrAca2xMvi>

With the introduction of new regulatory legal acts (NPA) in the field of educational organization, higher educational institutions (HEIs) were granted academic freedom in many areas. In particular, following the requirements of the State Mandatory Standards (SES), the standard curricula were significantly simplified, on the basis of which EP 6B10113 "Public Health" was compiled. The Academic Policy of NCJSC "SMU", which defines the main requirements for the organization of the educational process, was revised (https://drive.google.com/file/d/1q9Ea7CydFd8wE-DOYXlhvOJPItVpCNJI/view?usp=share_link). The updated Academic Policy was presented and discussed at the Cathedral meeting (Minutes No. 1E of 20.09.2022). During the development of the OP, the university's teaching staff has done a lot of work on the formation of blueprints to achieve the final learning outcomes.

Within the framework of institutional autonomy, approaches to assessing students' academic achievements were revised, which was reflected in Academic Policy.

The educational program for the specialty 6B10113 "Public Health", discussed and approved at the meetings of the department, the collegial bodies of the CPC specialty "Public Health" and the Academic Committee, was compiled in coordination with representatives of all interested parties (administration, teachers, students and employers of practical health), including the stated goals and final results and is available for review on the website <url>. university website <https://smu.edu.kz/ru/educational-programs/>.

The educational program for the specialty 6B10113 "Public Health" was drawn up on the basis of the Order of the Ministry of Health of the Republic of Kazakhstan with the latest amendments dated July 4, 2022 No. KR DSM-63 "On approval of state mandatory standards for levels of education in the field of healthcare". The educational program was developed collectively and approved at the meeting of the Department of Public Health (Protocol No. 10B of 07.07.2022

https://drive.google.com/file/d/1oYdhyShjv9FCde0OqZPsol_g2NqaIoYF/view?usp=sharing, KOP of the specialty Public Health (Protocol No. 5 of July 12, 2022 <https://drive.google.com/file/d/1H8H3bSChQDI4-nTnahzCg4e4V5a5M7BX/view?usp=sharing>), Academic Committee (Protocol No. 10A of July 19, 2022) <https://drive.google.com/file/d/1we5MOapYvXheMWK372dcbhfhtbF4RHGd/view?usp=sharing>

The educational program of specialty 6B10113 "Public Health" was reviewed by D. B. Tlekina (Head of the Semey State Economic Institute of the SEK) <https://drive.google.com/file/d/1MffHtEHpGdVTx3Ffo4skw3qp32ZeCwx3/view?usp=sharing> and Asarbekova Zh. R. (Director of the MC "Pobeda" in Semey) <https://drive.google.com/file/d/12lzy8OXk3l1W8CYBR8wfsKnvaJ6G3nR-/view?usp=sharing>

One of the elements of institutional autonomy is academic freedom, which implies the independence of the development and implementation of the EP, within the framework of standard curricula, state educational standards (order of the Ministry of Health of the Republic of Kazakhstan No. KR DSM-63 of 04.07.2022). Freedom in drawing up EP is achieved when employees describe syllabuses, QED, RUPI, drawing up a thematic plan of the discipline, KISa, form conducting formative and summative assessments, the form, structure, and order of development of which is determined by the organization itself. The EP in the specialty "Public Health", after approval at the department, is considered at meetings of the CPC, the Academic Committee.

Students' academic freedom implies the choice of components of their choice from the CED. Based on feedback from students, students choose disciplines. The content of both compulsory and elective subjects (QED) is adjusted

annually https://docs.google.com/document/d/11Ef9pgs0Q_4IvooyOePsHrtGrRaGE2CM/edit?usp=sharing&oid=118421406976876957957&rtpof=true&sd=true.

https://docs.google.com/document/d/11Ef9pgs0Q_4IvooyOePsHrtGrRaGE2CM/edit?usp=sharing&oid=118421406976876957957&rtpof=true&sd=true the results of professional development of teachers are being implemented. Elective subjects for students are regularly reviewed, and the formed catalog of elective subjects is transmitted to the registrar's office, taking into account changes in the external environment and labor market requirements.

The EP for the specialty "Public Health" developed within the framework of the State Educational Standard (Order No. KR DSM-63 of July 4, 2022) takes into account the main final results of students' training.

Competencies to be mastered by graduates NCJSC "SMU", specialty 6B10113 Public health: the ability to build effective cross-sectoral collaboration with governments, organizations, communities, the media for the effective solution of public health problems, including with the use of modern information technologies; to have the skills of the organization of work of the workforce, human resource management, setting objectives and formulating objectives, determining priorities; know and use in the practice of regulatory legal acts of the Republic of Kazakhstan on the protection of public health; sanitary and environmental legislation legal bases of activity of specialists of the state sanitary and epidemiological service; able to conduct accounting records referred to in health care organizations; able to monitor the quality of the environment and public health; skills development, organization and conduct of sanitary and anti-epidemic and sanitary-preventive measures to promote and protect public health, the prevention of infectious, parasitic and noninfectious diseases, evaluation of their effectiveness; able to explore, analyze, and evaluate the quality parameters of various objects in the environment and to formulate their own conclusions in the form of recommendations to prevent adverse effects on them; is able to assess the epidemiological situation to investigate outbreaks, put epidemiological diagnosis and to issue instructions about the conduct of disinfection, disinsection and deratization in the outbreak of infectious diseases, to evaluate the effectiveness of vaccination among the population; able to organize sanitary and epidemiological control of the environment, drinking water, food, supervision of the objects of life, the protection of the borders of the introduction and spread of particularly dangerous infections to develop measures to ensure the sanitary and epidemiological welfare of the population, including in emergency situations; be able to carry out epidemiological surveillance and control over the implementation of preventive and anti-epidemic measures in infectious and parasitic diseases.

Subject-specific and interdisciplinary competencies are formed on the basis of requirements for general education, socio-ethical competencies, economic and organizational-managerial competencies, readiness to change social, economic, professional roles, geographical and social mobility in the context of increasing dynamism of changes and uncertainties. General competencies of students are formed when studying the cycle of general education disciplines (OED), behavioral and social sciences, medical ethics and medical jurisprudence. Special competencies were developed by the Committee of Educational Programs (CPC) for specialty 6B10113 "Public Health", taking into account the requirements of employers and the social request of society. The formation of special competencies is provided in the process of studying the cycle of basic and profile disciplines (DB and PD), as well as during training and industrial practice at the university's bases.

Analytical part

Analyzing the compliance of the EP with the standards for primary international accreditation in accordance with IAAR standards, it should be noted that the parameters of the standard "Mission and Results" are consistent.

The University's mission, strategic goals, and performance reports are published on the website of the NCJSC "SMU" <https://smu.edu.kz/ru/o-nas/>.

The main educational activities of the university are regulated by the current regulatory documents, including:

- Law of the Republic of Kazakhstan "On Education" dated 27.07.2007 No. 319-III;
- Strategic plan of the Ministry of Education and Science of the Republic of Kazakhstan for 2020-2024;
- IAAR Standards and Guidelines for International primary accreditation of basic medical and pharmaceutical education programs based on the WFME/AMSE/ ESG standards.

Educational activities of the School of Public Health, Dentistry, Pharmacy and Nursing are based on the principles of collaboration of education, science and innovation, which allows us to develop and implement new educational technologies of the world level, to form professional competencies among university graduates that ensure their competitiveness in the labor market.

Passing the procedure of state accreditation of educational activities by the university confirms the activity of the Public Health EP within the framework of the current educational standards of the Republic of Kazakhstan, international accreditation standards IAAR, is confirmed by route links on the university's website <https://smu.edu.kz/ru/o-nas/> that the HEC reviewed during the review of the self-assessment report and during the work of the HEC Expert Commission.

VEC members note that at meetings with focus groups of students and teaching staff on the Public Health field, students confirmed that the mission of the university and the Public Health Field was communicated through the official website of NCJSC "SMU" https://drive.google.com/file/d/19q_fq0VHMBvPJ1ek5BT1HhkPhSVPtqg/view In general, they could formulate the mission and vision of the university in their own words. Focus groups of employers and graduates at meetings with members of the EEC answered that they knew about the existence of the mission of the university and the EP, that they were posted on the site, but they themselves did not take part in its formation.

The material resources available at the university are used responsibly in order to achieve the goals set by the mission with dignity. HEC members note that the university attaches great importance to the formation of proper behavior among students in relation to each other, teachers, colleagues, patients and their relatives.

During meetings with focus groups of employers, the high demand for graduates and the quality of their training, a high percentage of employment (more than 90%) were noted, which confirms the compliance of EP 6B10104 (5B110300) with the declared training results.

Strengths / best practices

There are no strong points for this standard.

VEC recommendations

Ensure the participation of all stakeholders (in particular employers and graduates) in the formulation of the EP's mission. Due date-until the beginning of the 2024-2025 academic year

HEC's conclusions based on the criteria: strong positions – 0, satisfactory-12, suggest improvements-1, unsatisfactory-0.

6.2. EDUCATIONAL PROGRAM Standard

Proof part

The developed educational program in the specialty **6B10113 "Public health"** is focused on the final results of training. The University implements the EP developed in accordance with the National Qualifications Framework, State standards agreed with the Dublin Descriptors. The EP defines the purpose, content and organization of the educational process and is a set of

regulatory documents developed on the basis [of the State Educational Standard of the Republic of Kazakhstan](#), taking into account the opinion of employers.

When developing the EP, the University is guided by the following principles: competence-based learning; continuity and continuity of education; flexibility of the EP taking into account the current and future needs of the labor market and society; external and internal assessment of the EP; assessment of independent certification of students; the principle of equality of students regardless of gender, nationality, religion, socio-economic status, physical capabilities; the principle of multilingualism. At the University, all levels of education are aligned with the requirements of the Bologna Process.

The EP is based on a competency-based approach that ensures personal and professional socialization in the learning process. In 2022, the EP "Public Health" was developed-with five years of training and the award of a Bachelor of Health degree in the EP "Public Health". The EP has a modular structure and is built taking into account the horizontal and vertical integration of disciplines, which is reflected in the working curricula. The EP is designed for 300 credits, including OOD disciplines – 56 credits, basic disciplines-140 credits, profile disciplines-95 credits, 5 credits elective component, final certification-4 credits.

The duration of training is 5 years and consists of 10 semesters. Persons who have completed their studies in the higher education educational program and successfully passed the final certification are awarded the degree of "Bachelor of Healthcare" under the educational program 6B10113 "Public Health" and are issued a higher education diploma with an appendix.

The EP is developed according to a modular system and includes such modules as general education disciplines, socio-political knowledge, socio-humanitarian foundations of public health, basic medical sciences, fundamentals of sanitary and epidemiological surveillance, fundamentals of health management, sanitary and epidemiological surveillance, health management, clinical component, research management

The University uses student-centered learning, which focuses on active learning, focuses on critical and analytical study and understanding, increases student responsibility, interdependence between teachers and students, mutual respect in relations between students and teachers, and a reflective approach to the learning process on the part of teachers and students. The focus of the university is the design of the EP as the main link of the teaching mission, it determines the organization of training and the teaching methods used.

The educational process is carried out on the basis of the principle of equality and regardless of gender, nationality, religion, socio-economic status, physical capabilities, ensures mutual respect for the human dignity of the student. The constitutional rights of citizens of the Republic of Kazakhstan are strictly observed. The policy of equal treatment regardless of gender, nationality, religion, socio-economic status is reflected in Academic Policy. https://drive.google.com/file/d/1q9Ea7CydFd8wE-DOYXlhvOJPIrVpCNJI/view?usp=share_link

At the university, the development and approval of educational programs is carried out in accordance with the regulation "On the procedure for the development, approval and examination of educational programs in NCJSC Semey Medical University". https://drive.google.com/file/d/171_oK75opSmFrYYI0LtkCrOgLeocabib/view?usp=share_link. Working curricula (RUPI) of each academic year are developed in accordance with the requirements of the State Educational Standard. The development of the EP is carried out by the coordinators of the specialty "Public Health", specialists of the training department and other interested parties. The developed EP contributes to the further development of students to lifelong learning (master's, doctoral studies).

The main criteria for achieving key results are continuity, interrelation of modules and disciplines. The competence approach, learning outcomes and credits are interrelated and are based on the Dublin Descriptors. Descriptors reflect learning outcomes and are expressed in students' abilities to achieve the final learning outcomes of the EP. Integration in the educational process is implemented at the inter-level level of education (succession of bachelor's degree - master's degree - doctoral degree).

The EP includes disciplines aimed at developing analytical and critical thinking: Fundamentals of Scientific Thinking, Fundamentals of Epidemiology, Information Technologies in Healthcare, Fundamentals of Evidence-based Medicine, Industrial practice "As an epidemiology specialist", which contributes to improving the quality of education, training competitive specialists capable of independent research work and introduction into clinical practice. practice of up-to-date results of scientific activity.

In order to form scientific competencies, critical and analytical thinking among students of the specialty 6B10113 "Public Health", the module "Management of scientific research" was introduced.

The principles of evidence-based medicine are actively used in the educational process, students have access to [the Cochrane](#) library, use the Up to Date and PubMed databases.

The curriculum of specialty 6B10113 "Public Health" includes elements of original and advanced research. The use of international scientific clinical practices contributes to improving the quality of education, training competitive specialists capable of independent research work and introducing modern scientific results into clinical practice.

The path of forming a future specialist is multi-faceted and begins with the achievement of biomedical sciences. The formation of professional competencies occurs at all stages of training. In the course of training, students acquire the skills and competencies necessary in their future professional activities. At the meeting of the CPC, disciplines are considered, their content, compliance of prerequisites and post-prerequisites, volume, all syllabuses, their content, form of control, final results and adequacy of the discipline volume to the final results are discussed collectively.

The content, types and terms of internships for students are developed in accordance with the State Educational Standard of the Republic of Kazakhstan, the RUPL of specialties and syllabuses for practice. The training load of production practices is 20 credits in accordance with the curriculum of the EP.

NCJSC SMU organizes a safe learning environment in the university's academic premises and production facilities. Before starting the internship, there is an introductory briefing at the workplace with students who arrive for practical training and industrial training.

The academic department of the University develops an academic calendar, which describes the duration of the academic year, the periods of intermediate and final certification, professional practice, summer and winter holidays. The full academic load of one academic year corresponds to at least 60 academic credits or 1,800 academic hours. The university independently distributes the amount of academic credits by semester. One academic credit is equal to 30 academic hours. When organizing the educational process based on the credit technology of training, the volume of each academic discipline is an integer number of academic credits. One module in accordance with the order of the Ministry of Education and Science of the Republic of Kazakhstan "Rules for organizing the educational process on credit technology of training" dated October 12, 2018 No. 152 of the academic year consists of two or more academic disciplines.

Students of the specialty 6B10113 "Public Health" actively participate in the development of educational programs and the preparation of working curricula, being members of the CPC. Work is carried out in focus groups and questionnaires on the content of the OP.

The EP has a modular structure and is built taking into account the horizontal and vertical integration of disciplines, which is reflected in the working curricula. The implementation of the educational program is carried out taking into account the principle of horizontal integration of related disciplines, both basic and specialized.

In the process of implementing educational programs at the university, conditions are created for vertical integration of specialized subjects with basic biomedical and behavioral and social sciences, starting from the first year of study.

The University defines and uses mechanisms and tools for training specialists based on the implementation of constant communication with medical practice and the health care system. As

such tools, feedback from employers about the level of training of graduates is used, which is carried out in the form of questionnaires. The developed questionnaire allows you to determine the level of employer satisfaction with the graduate's professional, special and extra-functional competencies (mobility, sociability, teamwork skills, leadership skills, analytical abilities, etc.), and identify areas for improvement in training specialists.

For each EP, the educational organization develops a catalog of elective subjects, which are formed on the basis of proposals from graduate departments, students, and employers. NCJSC "SMU" has developed a Standard of Operational Procedure (SOP) "Procedure for developing a Catalog of elective subjects".

Procedures for the development, approval and revision of the OP are set out in the current Regulations of the university ([Regulation on the procedure for the development, approval and revision of the OP. pdf.](#)). The main organizational structures that ensure the formation, approval and updating of the EP at the university are: the Committee of Educational Programs, the Department of Quality Control of medical education, responsible for the quality of development, implementation, and updating of the program; the Academic Committee of NCJSC "SMU", which evaluates the relevance and competitiveness of the EP, content, resource support, level of educational technologies, etc. quality assurance of education.

Information about the educational program is posted on the official website, as well as in the electronic information and educational environment of the university. Transparency in the management of EP is ensured by the functioning of a number of mechanisms, including: 1) the functioning of the QMS; 2) the existence of an educational strategy for "Public Health"; 3) the types of student's academic workload presented in the syllabuses of disciplines and modules; 4) academic policy governing the process of implementing the EP; 5) the functioning of the system for collecting feedback from stakeholders, including the system for collecting anonymous feedback; 6) the functioning of collegial advisory management bodies, which include University employees, students, representatives of practical health care of the CPC, AK, US, and publication of information on the EP on the University's website.

Based on the identified needs of the labor market and professional requirements for graduates, the Committee of educational programs of the university specialty determines educational trajectories in accordance with the State Standard of Higher and postgraduate education. When developing and implementing educational programs, NCJSC "SMU" focuses on the needs of employers and students. The EP is focused on the labor market, which determines the purpose and content, which is a tool for interaction between the University and the labor sphere and is provided by updating and evaluating the degree of customer satisfaction with educational results at all stages of the life cycle. For example, taking into account the unstable infectious situation in the world and in the country, when developing the EP, such subjects as "Infection Control", "Biological Safety", "Epidemiology of particularly dangerous infections", "Hygiene and Epidemiology of Emergencies" are included, which allow you to acquire the necessary competencies for identifying and compiling an algorithm for actions to protect public health.

The University systematically analyzes the demand for graduates in the labor market. The NCJSC "SMU" can ensure continuity of the EP, including the Public Health EP and subsequent stages of professional training. The next stage of professional training for graduates of the educational program is training in a specialized master's program (1-1.5 years) and a scientific and pedagogical master's program (2 years).

Analytical part

During the visit, experts conducted a detailed analysis of the accredited educational institution for compliance with the requirements of the modern education market, principles and methods of organizing educational, research and educational processes aimed at satisfying the interests of students and all participants in the educational process of the educational institution. The content and form of the EP, the decisions taken by the management of the EP, are

coordinated with the strategic documents of the university and the regulatory documents of the Republic of Kazakhstan. The University has budget financing at its disposal and is able to attract funds from the university's commercial activities for the implementation, improvement and training of teaching staff within the framework of the EP.

The management of the NCJSC "SMU" and the EP not only declares the involvement of stakeholders in the development of educational programs and evaluation of its effectiveness, but also attracts them to work, which is confirmed at meetings with focus groups. A lot of work is carried out with employers in order to optimize, quality employment and motivation of future graduates, attracting them to work in rural areas. Thanks to close cooperation with employers, the indicator of the strategic development of the university - the percentage of employment of graduates - annually fluctuates in high ranges up to 100%.

For the purpose of feedback, an annual survey of employers is conducted to assess satisfaction with the quality of graduate training NCJSC SMU. At the same time, there is an annual increase in the level of satisfaction of employers with the quality of practical and theoretical training of young specialists.

The self-assessment report demonstrates the operational relationship between the Public Health EP and the subsequent stages of professional training at the master's and doctoral levels. Thus, during meetings with focus groups, students and graduates were able to answer how, what disciplines and courses allow them to prepare for these stages. Also, during the interview, students were able to explain to the HEC members how the catalog of elective subjects is formed, how their choice and formation of an individual educational trajectory takes place.

Strengths / best practices

There are no strong points for this standard.

VEC recommendations

There are no recommendations for this standard.

HEC's conclusions based on the criteria: strong positions – 0, satisfactory-28, suggest improvements-0, unsatisfactory-0.

6.3. Standard "STUDENT ASSESSMENT POLICY"

Proof part

In the educational process of NCJSC "SMU", the assessment policy is regulated by the "Academic Policy", https://drive.google.com/file/d/1q9Ea7CydFd8wE-DOYXlhvOJPItVpCNJI/view?usp=share_link which defines the main policy of student assessment, criteria for passing points, retake procedures, organization of current and intermediate controls, the procedure for conducting final control and appeals. The university has also developed a Regulation on the system of academic achievements of students, which defines the structure of the system for evaluating academic achievements of students of NCJSC "SMU", and establishes uniform requirements for the organization and technology of assessment, explains the rules and procedure for intermediate and final certification . [https://drive.google.com/file/d/1O5V4M18xZ3L4IP2EZBVt9ETLDrj8UukX/view?usp=share link](https://drive.google.com/file/d/1O5V4M18xZ3L4IP2EZBVt9ETLDrj8UukX/view?usp=share_link)

One of the main criteria for the quality of medical education is the achievement of the final results of the discipline by students. Since the 2019 academic year, due to the transition to an integrated vertical learning system and the introduction of the KEYPS platform, all audio and video materials, checklists, and handouts have been attached to the program, which allows students to independently study the topics of classes and only deal with complex or controversial issues with the teacher. Students practice practical skills according to the checklist contained in the blueprints. The teacher observes and gives students feedback of a guiding nature.

The system of control of students' academic achievements in NCJSC "SMU" includes current control (formative assessment), intermediate certification (summative assessment) and final certification, conducted in order to determine the degree of students' development of educational programs and state mandatory standards of higher and postgraduate education. All types of control involve evaluating learning outcomes on a 100-point scale.

The multiplicity of current monitoring (assessment of student preparation), its types and forms are determined by the department, based on the methodological capabilities of the department, the duration of classes and other factors. Students who have a 100% attendance rate are allowed to take the summative exam.

The Registrar Office, together with the Department of Quality Control of Medical Education and School deans, annually develops the Academic Policy. It contains reference information on the requirements for class attendance and criteria for evaluating knowledge, skills and abilities. It also sets passing scores for disciplines, as well as criteria for transferring from one course to another.

The ratio of the theoretical and practical parts in the structure of summative assessment, as well as the format and method of evaluating both the theoretical and practical parts of the discipline is determined by the decision of the Committee of Educational Programs (COP) and, after approval by the Academic Committee (AC), is carried out in accordance with the schedule drawn up by the coordinator of the specialty.

Summative assessment includes 2 stages: stage 1-an exam on mastering the practical part of the discipline (50%) and stage 2-an exam on mastering the theoretical part of the discipline (50%). The following forms of conducting the practical part of SE are provided: an objective structured practical exam (OSPE), an objective structured clinical exam (OCE), and others. All information on assessment, assessment form, and assessment model is contained in the Syllabus of each discipline in the KEYPS program.

When conducting an electronic exam in the KEYPS automated control system, control and measurement tools (CIS) of various formats are used, which makes it possible to assess students' knowledge of the Bloom taxonomy. The practical part of training is evaluated by the Integrated Clinical Assessment method: DOPS, Mini-CEX, 360° questionnaire, peer assessment – all these are methods of current control; OSCE and OSPE are methods of final control.

Conducting an electronic exam on an isolated server and using electronic checklists can guarantee to reduce corruption risks and eliminate conflicts of stakeholders. Uploaded KISSAS are double-checked, which allows you to improve the quality of knowledge assessment. Flexible assessment models in the system allow you to bring forward the theoretical or practical part of training exactly where it is needed. At the same time, external experts in the EP specialty "Public Health" are employers, specialists in practical health care, representatives of other departments. These specialists take part in state examinations for the purpose of anti-corruption control and transparency of student assessment.

If a student does not agree with the results of formative, summative assessment, or final attestation in a discipline, they are granted the right to appeal the results of exams. The appeal procedure is conducted in order to identify and eliminate factors that led to a biased assessment of students' academic achievements.

The methods of evaluating students correspond to the teaching methods prescribed in the syllabuses reviewed by the CPC.

Students of the specialty 6B10113 "Public Health" are aware of the goals and final results of the OP and are provided with assessment sheets that are developed in accordance with the results of training, forms and methods of assessment, methods of teaching and teaching, the specifics of the content of the discipline, discussed at a meeting of the department, approved at a meeting of the COP.

The achievement of the final results of training in disciplines is judged by the Final Assessment of the Discipline (IOD), which is calculated from two components: formative assessment (FE) and summative assessment (SE), the percentage of which may vary depending

on the decision made by the Academic Committee. The discipline is considered mastered if the IOD is equal to 50% or more. Follow the specified link <https://drive.google.com/drive/folders/1DXA6jeKtrT-OjuP01zw2FZSBzeod8b9Q> The paper presents a report on the IOD of students in the specialty 6B10113 "Public Health" for the 1st semester of the 2022-2023 academic year.

Students of the specialty "Public Health" are actively involved in the process of forming the educational program through annual focus groups, round tables on updating the educational program. An open dialogue between students, administration and teaching staff is achieved through a system of continuous feedback study: survey on completion of the discipline, students' appeals to the virtual reception of the rector, deputy chairmen of the management Board, deans, focus groups, direct meetings, questionnaires on students' satisfaction with the quality of the educational process. To assess the academic progress of students, a regulation on the assessment of academic progress has been developed, posted on the university's website <https://drive.google.com/drive/folders/1E5QLOWVUxDL5HPKCTsCSc2YsTKujgw3l>.

Every year, a survey is conducted on satisfaction with the quality of the educational program and the work of departments and schools. At the end of each discipline, the Department of Quality Control of Medical Education within the framework of the intra-university electronic system assigns a questionnaire for students, during which students give feedback on the quality of training. After statistical processing of the results obtained, the information is analyzed and transmitted to those responsible for the disciplines in order to take measures to improve the quality of teaching the discipline. https://docs.google.com/document/d/12JzipUyXMotFIZG8ELbSTRDnOMd2ujzB/edit?usp=drive_web&ouid=118421406976876957957&rtpof=true

Analytical part

Having analyzed the work of the EP according to this standard, the commission notes that the university has a policy of evaluating students based on the principles of academic freedom, equality and fixation of achievements. The data testifying to the involvement of teaching staff, students and university staff in the process are presented.

To assess the knowledge, skills and abilities of students, the principle of continuity, consistency and consistency is used, using control (current; milestone; final, final state certification) using a point-rating system in accordance with the State Educational System of the Republic of Kazakhstan (Academic Policy of NCJSC "SMU" https://drive.google.com/file/d/1q9Ea7CydFd8wE-DOYXlhvOJPItVpCNJI/view?usp=share_link). Students have complete clarity regarding the assessment criteria, the plan of different types of knowledge control, the number of exams, the balance between oral and written exams, which was confirmed by them during the interview.

The university has developed various types of knowledge meters for students in all disciplines: test tasks (open, closed, combined, compiled according to Bloom's taxonomy), control questions, tickets, tasks for laboratory, practical and independent work. All students' knowledge meters fully correspond to the academic programs of the disciplines. Exam materials are developed at departments by experienced teachers, discussed and approved at cathedral meetings. External examiners are involved to ensure transparency and objectivity of assessment procedures.

Every year, at various levels, an analysis of the achieved results in the training of students for various types of control is carried out. The results obtained are published in the relevant protocols and reports. Suggestions received as a result of discussing the data obtained from the student questionnaire are used in the process of reviewing assessment materials, the content of lecture material, and practical classes, which was confirmed by students and teaching staff during interviews with HEC members. Student self-government organizations also bring to the attention of the university administration and the Academic Council the opinion of students on the organization of educational and extracurricular processes.

Along with the above, the members of the EEC commission, during interviews with teaching staff and students, noted the lack of a common opinion of interested parties regarding the criteria for determining the validity and reliability of control and measurement materials.

Strengths / best practices in «the Educational Program Assessment standard»

There are no strong points for this standard.

Rekomendachiu i VEK

The PA management should develop a system for evaluating the reliability, validity and objectivity of the assessment methods used, as well as conduct training of teaching staff on this system. The deadline is until the beginning of the 2024-2025 academic year.

HEC's conclusions based on the following criteria: strong positions – 0, satisfactory-9, suggest improvements-1, unsatisfactory-0.

6.4. The "LEARNERS" Standard

Proof part

The policy of selection and admission of students to the university complies with the current legislation and is implemented on the basis of a number of documents at the state and local levels. Admission of students to the educational program "6B10113 "Public Health is carried out in accordance with the" Standard Rules for admission to study in educational organizations implementing educational programs of higher and postgraduate education", approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 600, the order of the Ministry of Education and Science of the Republic of Kazakhstan dated May 2, 2017 No. 204 "On approval of the Rules for Conducting unified National Testing and providing public services "Issuance of a certificate of passing Unified National Testing", Resolution of the Government of the Republic of Kazakhstan dated January 23, 2008 No. 58 " On Approval of the Rules for Awarding an Educational Grant to Pay for higher or Postgraduate Education with the award of a Bachelor's Degree or "master's degree "and the Rules of admission to the NAO "MUS" https://drive.google.com/file/d/1TwpTI_HsYyQxi2u0ClgXgUwizlhV5UbL/view?usp=share_link

Admission of persons, justification and methods of selection is carried out on a general basis based on the results of the UNT, which must be at least 70 points, with at least 5 points for each subject.

Admission of foreign citizens to study on a paid basis is carried out in the form of an interview conducted by the University's admissions committee in accordance with the regulations on attracting and accepting foreign students: https://drive.google.com/file/d/1URdHSfLrOnKHdRi7qUlqnJrC6l1uGcSJ/view?usp=share_link (Regulations on the admission of foreign students).

An admissions committee is established annually by order of the Chairman of the Management Board-Rector for admission of applicants. On the website of the university, in the "Admission" - Bachelor's Degree tab, detailed explanations are given on all the necessary questions: <https://smu.edu.kz/ru/postuplenie/bakalavriat/>.

Whatsapp, Facebook, Instagram, Telegram, JivoSite messengers, as well as a specially created service, additionally conduct live broadcasting in the ZOOM platform.

NAO " MUS " guarantees equal opportunities for all categories of students when enrolling. Admission of students is carried out in accordance with the Law of the Republic of Kazakhstan dated July 27, 2007 No. 319-III "On Education", observing the principle of accessibility of education at all levels for the population, taking into account the intellectual development, psychophysiological and individual characteristics of each person, including those with special educational needs (ramps are equipped at the university, there is a possibility of medical support for students-disabled people).

The policy of transferring students from other programs and institutions is provided for in the Regulation on the procedure for transferring and restoring students to Semey Medical University

https://drive.google.com/file/d/1B_DEhTVmfLjctPGyskf1_pOk2MyaaNB/view?usp=share_link.

If a student is expelled from an educational institution or transferred, school deans send a notification to the social security departments of the State Corporation, at the place of residence of students.

The right to reinstate students for deductions on academic debt, for violation of the charter and internal regulations of the university remains with the university, taking into account the decision of the commission on deductions.

The admission policy is periodically reviewed, the selection criteria are improved, taking into account changes and additions in the regulatory legal acts of the Ministry of Education and Science of the Republic of Kazakhstan. The threshold score for the UNT results was increased from 65 to 70 points for applicants to the "Public Health" program. Additional special examinations (psychometric test) are not required for admission.

There is a procedure for appeals from applicants for the content of test tasks and for technical reasons.

The number of accepted students for the OP "Public Health" is determined taking into account the area of educational premises, the availability of teaching staff, the degree of literature availability, and the ability to provide students with living conditions. Admission of students in the educational program "Public Health" is based on the study of the need for personnel in the city and region.

NCJSC "SMU" actively operates services for organizing counseling, psychological, social, legal, financial, and medical support for students. Each faculty devotes enough time and effort in accordance with the Mission of the university to create a positive climate among teachers and students in order to provide a favorable psychological environment that significantly affects the educational process and student extracurricular activities, as well as contributes to the development of the internal potential of the student. Psychological work is carried out in several areas: psychological diagnostics, psychological education and counseling, psychological prevention and support, correctional and developmental direction.

NCJSC Semey Medical University provides social guarantees, support in the development of creative potential and personal growth, and psychological support. The position of a psychologist has been added to the staffing table. Please note that there is a separate room for conducting trainings. Information about the psychological service is available on the university's website (<https://semeymedicaluniversity.kz/studencheskaya-zhizn/psihologicheskaya-sluzhba/>).

The university implements the project "From student to student": senior volunteer students conduct additional classes for students in the most difficult subjects for low-performing junior students, as well as advising students in choosing elective subjects.

Social protection activities for students are organized in almost all spheres of student life. To the extent possible, the university covers all categories of students in need. Legal advice to students on various issues is provided by a legal adviser.

The main categories that the university works with are orphans, children left without parental care, students from low-income families, students from large families, children with disabilities, and children from single-parent families.

The University also has developed social support in various forms:

- providing dormitories for nonresident students.
- provision of personalized scholarships.
- regular charity events.
- implementation of social projects.

On a regular basis, the Chairman of the Management Board - the Rector, Deputy Chairmen of the Management Board, Schools, and other representatives of the administrative and managerial staff meet with students at course meetings, with student self-government, and

activists of the Kazakhstan Medical Student Association (hereinafter referred to as KazMSA). During such meetings, students are informed about the University's Strategy, Academic Policy, and corporate governance in an open atmosphere. Informational meetings are also actively held before each session and practice. Consultation is also conducted through correspondence in messenger chats (What's app, Telegram).

Students actively participate in the public life of the university and the region, and are members of various public organizations. Student Self-government (hereinafter-SSU) NAO Semey Medical University is a permanent representative collegial body of the university, whose activities are aimed at ensuring the realization of students' rights to participate in the management of the educational process, solving important issues of student life, developing their social activity, supporting and implementing social initiatives. Currently, 16 youth clubs operate in the NAO "MUS": KazMSA, Enactus, debate club "Salauat", "Amateur Art", "Volunteer Corps", "Abaytanu", girls' club "Kyz Zhibek", school of future dentists "Healthy Smile", "Zhas Otan", Alliance of Students of Kazakhstan, "Student-Donor", "FOCUS", "Level Up", "KVN", "FAMS", "KADS". Some clubs are local "representatives" of national and international organizations <https://smu.edu.kz/ru/studentam/sekczii-i-kruzhki/>

On the balance sheet of the university there are 3 student dormitories for 561 places. The hostel has all the conditions for living – comfortable rooms, rooms, self-training. Each room is equipped with furniture, wireless Internet (Wi-fi). There are kitchens on each floor. The building of the hostel has a lecture hall, laundry, shower, located in a separate block.

The university has opportunities for full-fledged nutrition of students, in particular, there is a dining room for 80-100 seats. Periodically, members of the student government and the chairman of the trade union committee, deputy deans of schools, and the head of the legal support department organize a commission to check the canteen for compliance with portion dishes with standards, organize work in the kitchen and in the hall, inspect warehouses, procurement rooms, washing rooms, and the variety of menus provided, and monitor the order and service of students, analyze the book of complaints and suggestions. Washing and disinfection of dishes are carried out daily in accordance with sanitary standards using disinfectants.

Analytical part

The University has a policy of admitting and recruiting students to the Bachelor's degree program. Training is possible at the expense of the state budget, and within the framework of agreements on the provision of paid educational services. Transparency of the admission procedure is achieved by informing applicants and their representatives on the official website of the NAO ICC in the information and telecommunications network "Internet".

The self-assessment report (p. 53) provides information on the passing score for the specialty Public Health, which confirms the eligibility to enroll bachelors on a budget basis.

At the university, the implementation of the educational program is based on the principle of equality, which means equal treatment of students regardless of gender, nationality, religion, socio-economic status, physical capabilities, and ensures mutual respect for the human dignity of the student.

The transfer and reinstatement procedure is reflected in the Regulations on the Procedure for transferring and reinstating students to Semey Medical University (https://drive.google.com/file/d/1B_DEhTVmflJctPGyskf1_pOk2MyaaNB/view?usp=share_link).

The NAO MUS has created and operates a regulatory framework for supporting and protecting students' rights. Student organizations that take part in the discussion and evaluation of the OP, as well as the cultural and social life of the university, are active.

The number of students admitted to the university is planned taking into account the total area of teaching and laboratory premises, the availability of teaching staff, the availability of educational, methodological and scientific literature, the capacity of the university's clinical

facilities, and the availability of social and living conditions for students to study and live.

The activities of student support services are evaluated through questionnaires and student surveys. Structural divisions provide appropriate moral and psychological support to socially vulnerable students. Issues related to social and financial needs of students, career planning are discussed at meetings of the Academic Council of the faculty, meetings with the Dean of the Faculty and the rector. Any question can be addressed on the website to the rector, vice-rectors. In this way, students have the opportunity to express their opinions and suggestions regarding their participation in the decision-making process, academic quality assurance, and other professional, financial, and social issues.

However, when studying the quality of academic counseling (when interviewing students) aimed at continuous professional development, the commission members prepared a recommendation to improve the parameter.

Strengths / best practices

There are no strong points for this standard.

Recommendations of the VEC.

Ensure the development of mechanisms and a program of academic counseling with mandatory coverage of professional career planning issues. The deadline is until the beginning of the 2024-2025 academic year.

HEC's conclusions based on the criteria: strong positions – 0, satisfactory-15, suggest improvements-1, unsatisfactory-0.

6.5. ACADEMIC STAFF / TEACHERS Standard

Proof part

In order to successfully implement the educational program, NCJSC "SMU" selects and recruits personnel based on the developed personnel policy of the university, approved on 10.03.2018 and updated Regulations on the personnel policy of NAO "MUS" dated 30.09.2019. https://drive.google.com/file/d/1IPkWY2eaYbvtKU2SXdhsreodDOL3Wyi/view?usp=share_link in accordance with the needs and mission of the educational program.

Hiring teachers in NAO "ICC" is based on the Labour Code of the Republic of Kazakhstan of November 23, 2015 №414-V code of the Republic of Kazakhstan "On people's health and healthcare system" dated September 18, 2009 №193-IV, according to standards "On approval of the rules of competitive replacement of positions of teaching staff and researchers of higher educational institutions", and the order of the Minister of education and science of the Republic of Kazakhstan No. 230 dated 23.04.2015 G., and Provisions on competition for the vacant positions of the professorial-teaching staff approved on 08 may 2019 NAO ICC of the Republic of Kazakhstan Law "On noncommercial organizations" dated January 16, 2001 No. 142 of the law of Republic Kazakhstan "About joint-stock companies" dated may 13, 2003, No. 41, of the Charter of the NAO "ICC".

The required number and composition of academic staff is determined by the number and contingent of students and is planned for the next academic year on the basis of the RUP and the teaching load of the teaching staff, approved by the Academic Council of the University annually in accordance with the positions held. According to the personnel policy, recruitment to the NAO "ICC" is carried out by competitive selection. The selection criteria for teaching staff are academic or academic degrees, at least 3 years of experience in the medical field, and the ability to perform scientific analysis with the prospect of scientific growth.

In order to ensure transparency of the selection process, the contest is held online. Announcements about the competition to fill vacant positions of teaching staff are posted on the university's website (<https://smu.edu.kz/ru/>), on official pages in the social network facebook.com, in the instagram app, on nur recruitment sites.kz and hh.kz, an electronic

exchange <https://www.enbek.kz/>, in printed publications of the national level. The competition committee meets annually in August before the start of the training process. In order to maintain transparency, the competition sessions are broadcasted online on the university's official social network page facebook.com (links to the broadcast of the last competitive selection of teaching staff are given in the self-assessment report-p. 61).

When selecting a candidate for a job, the competition committee also takes into account the assessment of colleagues, self-assessment, scientific work, work with young employees, advanced training, preparation of educational and methodological literature in Kazakh, Russian and English, knowledge of the state and English languages, and the presence of confirming international certificates. By the decision of the competition commission, an employment contract is concluded with the selected persons for the positions of scientific and pedagogical staff of NAO "MUS". Based on the results of the events held, the site publishes information about newly arrived employees.

The composition of the competition commission for the replacement and re-election of vacant posts of teaching staff in order to comply with the principles of meritocracy and anti-corruption activities is updated annually.

In addition, with competitive selection, the university has a system of permanent certification (1 time in 5 years) of teaching administrative and managerial staff. Regulations on certification of employees of Semey Medical University Non-Profit Joint Stock Company were approved on 27.05.2019. Certification includes two consecutive stages: testing and (or) evaluation by the "360 degree" method in accordance with the position held. The decision on the results of certification of an employee is made by the certification commission based on the results of an analytical summary of the results of the first stage and the results of the interview, according to the qualification characteristics of the positions of the teaching staff, administrative and managerial personnel, and educational and support personnel in accordance with the established procedure.

NCJSC "SMU" provides employees with a balance of opportunities through the organization of support at all stages of work: advanced training in the pedagogical clinical direction; mobility of teaching staff is organized on a competitive basis, internships are completed. Every year, the budget provides funding for the departure of teaching staff to attend congresses, forums, congresses, both on clinical topics and on innovations in education.

NCJSC "SMU" has developed a system of KPIs for stimulating and motivating employees: rating of the teaching staff, financial incentives, the system includes permanent and non-permanent indicators.

To encourage and support young specialists, a system for forming a personnel reserve of management staff has been developed, and the regulations on the Personnel Reserve "Nadezhda" are in effect, on the portal of which <https://aisu.pro/nadezhda/#/> everyone can get acquainted with the qualification requirements for certain positions and submit an application for enrollment in the personnel reserve, if it meets these requirements.

According to the Charter, the university's teaching staff has the right to: provide conditions for professional activity; protect their professional honor and dignity.

The personnel policy of NCJSC "SMU", when selecting employees, allows you to take into account the need for various professional skills, as well as language and national criteria necessary for the implementation of the educational program. For example, the School of Health, Dentistry, Pharmacy and Nursing has developed and implemented a continuous professional development policy for its teachers, and published a clear description of how the school supports and organizes the academic and professional development of each employee.

The effectiveness of teaching in a medical university is determined not only by a high level of competence in the field of medical knowledge, but also by the possession of pedagogical competencies. For the professional growth of teaching staff at the university, the Regulation on additional and non-formal education of medical and pharmaceutical personnel of

NCJSC "SMU" was approved
https://drive.google.com/file/d/1mFrgxebvqD9DpajBBG7xVtNUJAFi-riv/view?usp=share_link

The University has developed and implemented a policy of activity and development of employees, which guarantees the recognition of academic activities, paying special attention to teaching, research and clinical qualifications, and is implemented in the form of awards, promotions and/or remuneration. For special labor merits, university teachers are presented to higher authorities for promotion, for awarding industry and state awards, Certificates of honor, badges, awarding honorary titles and the title of the best employee in this profession. According to the Internal Regulations of the University, teaching staff have the right to moral and material encouragement in teaching activities in the form of state awards, honorary titles, awards and personal scholarships in accordance with the procedure provided for by the current legislation of the Republic of Kazakhstan.

Analytical part

The University has developed and implemented a policy for the recruitment and admission of teaching staff that defines the required experience, criteria for scientific and educational, pedagogical and clinical achievements, including the balance between teaching, scientific activities, specialist qualifications, their responsibility, and the responsibility of employees, which is confirmed by documents at the state and local levels:
https://drive.google.com/file/d/1IPkWY2eaYbvtKU2SXdhsreodDOL3Wyi_/view?usp=share_link.

The main objectives of the personnel policy are the selection специалистов с of highly qualified specialists; ensuring professional growth through a system of continuous professional development and professional competence; maintaining the optimal age structure of departments; providing conditions for the development of teaching materials, scientific products; responsibility and balance of the teaching staff for adequate provision of the educational program, including the proper ratio between teachers and students.

Academic work of teaching staff is carried out according to the academic load approved annually, and is organized in such a way that teachers have the opportunity to engage in all types of activities-methodological, scientific, educational, social, etc. Achievements in each of the areas are evaluated in the PPP rating system and involve financial incentives.

In an interview, teaching staff members were told about incentives for conducting scientific activities, publishing educational and methodological literature, academic mobility, advanced training and other KPIs.

Currently, the departments that implement the EP Public Health, укомплектованы are fully staffed with highly qualified personnel with basic education, as well as academic degrees and titles (detailed information https://docs.google.com/document/d/1ELNTSodHDmlRzKDTHFW6EaMLCLOA9VZv/edit?usp=share_link&ouid=107993716942461224829&rtpof=true&sd=true).

When interviewing teaching staff, HEC experts noted that not all teachers are sufficiently satisfied with the rating system in the university.

The information provided by the university on this standard allows us to conclude that the qualitative and quantitative composition of the university teaching staff ensures a full-fledged organization and conduct of the educational process, the training of specialists in Public health meets the requirements of the standard.

Strengths / best practices

There are no strong points for this standard.

VEC recommendations

The NGO management should expand support to the academic staff based on the results of evaluating the scientific and academic achievements of teachers. The deadline is until the end of the 2023-2024 academic year

HEC's conclusions based on the criteria: strong positions – 0, satisfactory-7, suggest improvements-1, unsatisfactory-0.

6.6. EDUCATIONAL RESOURCES Standard

Proof part

To implement the EP specialty 6B10113 "Public health", the University has a sufficient material and technical base. The infrastructure of NCJSC "MUS" includes administrative and educational-laboratory buildings, clinical bases, laboratories, auxiliary premises, and student homes. All departments of the university are equipped with sufficient material and technical means. The university's departments have mini-libraries equipped with teaching materials. Training sessions are held in classrooms, laboratories, computer, simulation classes, specialized classes of the UCC, clinical bases (UG NCJSC "MUS", BSMP, Hospice). The University has an educational and scientific laboratory.

For students, there is a Reference guide that contains information on all structural divisions, their addresses, contacts. By using a personal login and password, students can access the KEYPS platform, which contains a thematic plan, blueprints, and files for preparing for classes for each discipline. The university has a department of digital and PR technologies, which regularly informs about all the events of the university. отдел цифровых и PR технологий, который Since 2020, the calendar of events of the NAO ICC has been introduced.

The Library is a structural division of a non-profit Joint-stock Company Semey Medical University, which provides information, educational, scientific, cultural and educational activities for students and faculty. In its work, it is guided by the "Rules for the formation, use and preservation of the library fund of state educational organizations" dated January 19, 2016 No. 44, the Regulations on the Library, and the Rules for Using the Library.

The total area of the library is 1362.13 sq. m., including the area of the book depository-455 sq. m. The reading room has 177 working places for visitors. The volume of the library's collection is 769713 copies of publications, including 280265 copies in the state language, 467008 copies in Russian, and 22440 copies in English. There is also a collection of publications on electronic media in total-16099 copies, in the state language-5222 copies, in Russian-10065 copies, in English-812 copies. The Foundation has additional literature: official, socio-political and popular science periodicals, reference and bibliographic publications, including encyclopedias, encyclopedic dictionaries, industry dictionaries and reference books, including in foreign languages. Every year, the library, in cooperation with the departments, draws up a map of the book availability of each specialty. The number of educational literature on EP specialty 6B10113 "Public health" in sufficient quantity. In the 2022-2023 academic year, the number of students in the 1st year was 11.

The library has access to a national subscription BO to the Scopus and Sciencedirect databases Sciencedirect published by Elsevier. Users successfully work with the open Web of Science platform. Access to the international database on evidence-based medicine "UP TO DATE", "Cochrane" is subscribed annually.

The university has modern computer classes in sufficient quantity. The library has an electronic catalog that allows you to search for the necessary literature and provides access to electronic versions of individual textbooks and teaching materials. All classrooms are equipped with computer equipment: multimedia set-top boxes, screens, projectors and comply with sanitary and epidemiological standards and requirements. All classrooms and lecture halls are fully equipped with multimedia equipment.

The university has its own website <https://smu.edu.kz/ru/>. The University's website has sections that provide up-to-date and useful information for different categories of users:

education, science, students, employment of graduates, professional development, services. The University website contains information about the university, its divisions, and events taking place at the university. The information in this section is aimed at a wide audience: students, employees, teachers, applicants and their parents, employers, university partners, scientific and public organizations. There is an opportunity to quickly receive and exchange information with domestic and foreign educational organizations, libraries. The university joined the "Republican Interuniversity Electronic Library". An agreement was signed with JSC NCSTI to create a single electronic library with a full-text resource of Springer Link databases and the Web of Knowledge database (Thomson Reuters).

The provision of disciplines with the necessary material and technical resources is reflected in the department's work plan in accordance with the State Educational Standard, academic programs of disciplines, plans of educational and methodological and research works to ensure a high-quality educational process. All structural divisions (departments, departments) in accordance with the standard procedures established in the Regulations. The Department of Public Health annually submits applications for the purchase of missing equipment in accordance with the established form, which is reflected in the Annual Work Plan of the department and in the Annual Report on the work of the department.

Material assets of the university are formed in accordance with public procurement plans approved by the Chairman of the Board - Rector of the university on the basis of the decision of the commission for consideration of applications for Public Procurement annually, the meeting of which is also broadcast online on the page of NCJSC "MUS".

/Ensuring the conditions of the production environment is carried out in accordance with the accepted sanitary norms and rules and safety standards of the Republic of Kazakhstan.

The educational program of the specialty "Public Health" includes two components: theoretical training and practical professional (industrial) training. The NCJSC "MUS" provides the necessary resources to provide students with appropriate practical experience. For the effective implementation of professional practice and practical training, the University enters into contracts with the following production bases: UG NCJSC "MUS", KKBTU of Semey, KGP on PHV "Polyclinic No. 7 of Semey", training laboratories, territorial departments of sanitary and epidemiological control ("RSU" Semey City Department of Sanitary and Epidemiological Control of the Abay region of the Committee for Sanitary and Epidemiological Control). Department of Epidemiological Control of the Ministry of Health of the Republic of Kazakhstan, Center for Sanitary and Epidemiological Expertise in Semey".) These practice bases are equipped with the necessary equipment.

Supervision of the production practice of students in the specialty "Public Health" is carried out by experienced specialists of the base and academic mentors throughout the working day. Mentors monitor students and give them a fairly rich practical experience. At the end of the practice, they give an assessment.

A consistently high annual percentage of graduates' employment confirms the high-quality training of graduates at the University. An annual analysis of stakeholders, namely, consumers of university services: employers - is carried out through questionnaires, interviews, etc.

The University implements a policy on the effective use of information and communication technologies in accordance with the Law of the Republic of Kazakhstan "On Informatization" dated November 24, 2015 No. 418-V SAM, item 3 "Improvement of the innovative education system, introduction and development of modern educational technologies and medical processes".

The university has its own website <https://smu.edu.kz/>, which is maintained in three languages (state, Russian, and English). The University's website has sections that provide up-to-date and useful information for different categories of users: education, science, students, employers, teachers, and services.

The information on the website is adjusted with the maximum frequency of updates, taking into account the fact that the available data are publicly available not only for students,

but also for teaching staff, applicants, parents, graduates and other interested parties. In addition to the website, in order to maximize access to the media, the university actively maintains official pages on social networks: Facebook (<https://www.facebook.com/semeymedicaluniversity>); Twitter (<https://twitter.com/SSMUofficial>); Instagram (<https://www.instagram.com/SemeyMedicalUniversity>); Youtube (<https://www.youtube.com/user/SemeyStateMedicalUni>); Vkontakte (<https://vk.com/semeymedicaluniversity>); Telegram (<https://t.me/s/SemeyMedicalUniversity>)

The University has wireless Wi-Fi Internet. Centralized Internet system of statistics and administration, allows you to maintain clear control over all servers and services on the network, as well as distribute and monitor the use of the Internet. All departments, structural divisions, Halls of electronic resources, dormitories are connected to the Internet.

University students have access to

1. Database "Kokran library" www.cochrane.org .
2. DB Paragraph "Medicine" www.prg.kz
- 3.Database "SpringerLink" www.SpringerLink.com
- 4.Web of Knowledge database www.Thomsonreuters.com (Thomson Reuters)
5. Republican Interuniversity Electronic Library (RMEB)
6. Medline

University students have access to patient databases and to the healthcare information system, including the EISZ. Also, students work in the unified Health information system (Damumed) in hospitals.

The educational program of the specialty "Public Health" provides for various types of students' activities, the "skill of scientific research" is developed in the process of studying the disciplines provided for by the EP. Currently, there are 14 scientific schools at the university, where students of various levels acquire the necessary knowledge and skills in specific fields. The organization and work of scientific schools are described in the Regulations on Scientific Schools.

https://drive.google.com/file/d/1g0NOxNIduzy6QMgsX2FaR5X9chBmLdK/view?usp=share_link.

The NCJSC " SMU ", has a Council of Young scientists, which includes more than 160 young scientists of the university. The departments have student scientific circles that contribute to the development of the scientific potential of students. More than 1,500 students participate in these circles. A Conference of young scientists and a Student Scientific conference is held annually, where students and young scientists publish the results of research papers.

The Research Department organizes the international scientific and practical conference "Ecology. Radiation. Health", which is attended by scientists from Japan, the USA, Sweden, Slovakia, Kyrgyzstan, Russia, including the teaching staff of the University.

The NCJSC " SMU ", has a policy that promotes the strengthening of the relationship between scientific research and education. Currently, the Department of Public Health has approved a project on the topic: "Assessment and improvement of anti-epidemic measures in COVID-19 based on the development and application of artificial neural networks" (Supervisor: Tokanova Sh.E., PhD, Professor of the NCJSC " SMU ", Associate Professor of the Department of Public Health). The project was approved for grant funding of scientific startup projects of scientific and pedagogical personnel of NCJSC " SMU ", for a period of two years. The project involves teaching staff, students (young scientists, undergraduates). It is planned to continue the participation of senior students of the specialty "Public Health" in research projects.

The university has developed a system for assessing the quality of the educational program

https://drive.google.com/file/d/171_oK75opSmFrYYI0LtkCrOgLeocabib/view?usp=share_link .

All educational programs in the NCJSC " SMU ", are systematically monitored, and the results of monitoring are communicated to all interested parties. The information is posted on the university's website.

Assessment and examination of the quality of the content of bachelor's degree training in the specialty "Public Health" is carried out on the basis of feedback from representatives of practical healthcare, employers, graduates, the results of final certification, as well as independent examination.

The University, within the framework of the implementation of the process "International cooperation and academic mobility", develops international research cooperation and international mobility of students and teachers of the NAO "ICC" (Regulations on Academic Mobility

https://drive.google.com/file/d/15JeDsarROr3IOJNhIyj1VnB38CavzRS/view?usp=share_link).

Academic mobility of students, teaching staff of the University is carried out within the framework of interuniversity agreements/agreements or joint projects: a tripartite agreement/agreement of a student, teaching staff, an employee sending and receiving a university for internal academic mobility, and an invitation for external academic mobility.

Within the framework of the Erasmus+ project "Coordination and mutual recognition of Master's degree programs in occupational and environmental health/HARMONEE", 2 undergraduates undergo a 2-month scientific internship at the University of Milan (Italy) on the course "Public Health" on academic mobility.

Analytical part

The VEC experts state that within the framework of the standard "Educational Resources" for Public Health, during the work of the VEC expert commission, visits to departments, educational laboratories and practice bases, analysis of the submitted documentation, it was revealed that the material and technical base used to organize the learning process is sufficient, meets the requirements. Auditoriums and scientific laboratories and other premises used in the implementation of the Public Health EP comply with established safety standards and rules. The implementation of educational programs at the university is ensured by free access of each student to information resources and library collection.

The process of practical training in Public health is ensured by its implementation on the basis of medical organizations of the appropriate profile, which is confirmed by the submitted documents: the State Institution of the NCJSC " SMU ", the KKBTU of Semey KGP at the Polyclinic No. 7 of Semey, training laboratories, territorial departments of sanitary and epidemiological control.

The University implements a program of academic mobility of teaching staff and students, which was confirmed by both groups in interviews. Exchange programs allow you to consolidate knowledge, skills and abilities not only within the framework of direct specialization, but also contribute to the formation of additional competencies. Currently, the NAO ICC has official agreements on international cooperation with many universities and research centers of the near and far abroad.

Special attention should be paid to the implementation of the principles of academic mobility within the framework of the Erasmus+ project "Coordination and mutual recognition of Master's programs in the field of occupational health and the environment/HARMONEE". The research topics in this project are fully focused on practical health issues in the region and take into account the endemicity of certain aspects of public health.

The VEC confirms the availability of student support systems, including support through the university's website, through personal appeals to the University management. During the interview, the students expressed full satisfaction with the conditions of study and the material and technical support of the EP, as well as the availability of a system of intra-university grants and academic mobility programs.

The members of the VEC believe that the existing material and technical base of the university contributes to the expansion of forms and methods of attracting students to participate

in scientific research in the field of public health, publication activity.

Also, the members of the commission, when visiting the bases of industrial practice, did not note sufficient evidence of the functioning of a safe production environment. And during the conversation with graduates of the EP Public Health, the desire to expand the list of practical bases for the EP was repeatedly voiced.

Strengths / Best practices

The ongoing program of academic mobility of students (in particular, the Erasmus+ project "Coordination and mutual recognition of master's degree programs in occupational and environmental health/ HARMONEE") in combination with a system of intra-university grants for students contributes to strengthening the relationship between research and education, especially in the field of solving global health problems.

VTEC Recommendations

The management of the NGO should consider organizing a training room on the basis of practical training - a University hospital - to ensure a safe working environment and improve the learning environment. The deadline is until the beginning of the 2024-2025 academic year

The management of the EP should supplement the list of bases of practical training (in terms of the production practice of students in the EP) with medical organizations, including private ownership, to improve the practical experience of graduates. The deadline is until the beginning of the 2024-2025 academic year

The conclusions of the VEC according to the criteria: strong positions – 1, satisfactory – 11, suggest improvements – 2, unsatisfactory – 0.

6.7. The standard "EVALUATION OF THE EDUCATIONAL PROGRAM"

The evidentiary part

In the NCJSC "SMU" monitoring, periodic evaluation of educational programs is carried out on the basis of the Regulations of standard procedures for managing university processes (08.09.2021), "Strategies for ensuring the quality of the educational process in the NCJSC "Semey Medical University" (23.11.2020).

In accordance with the "Standards of internal quality assurance of educational activities in the NCJSC "Semey Medical University", (31.08.2022) https://drive.google.com/file/d/14sbPcFcYDXoCd1YtSw4NRNtbucfuZFXA/view?usp=share_link, the university has developed a system for assessing the quality of the educational program, including the processes of monitoring, reviewing and revising the EP in order to assess the achievement of the goals and compliance with the needs of students and society. The mechanisms for monitoring and evaluating the EP, which determine the methodology, frequency, format and procedure for monitoring and evaluating the EP, have been developed by the Academic Quality Council.

According to the "Strategy for ensuring the quality of the educational process in the NCJSC "Semey Medical University" (11/23/2020), https://drive.google.com/file/d/1W0THIC5nRgvvbLzUDcuZxcEKfwWgkH7w/view?usp=share_link, the objects of monitoring are: the level of training of students, the relevance and quality of the OP, the activities of teaching staff, the activities of schools and departments, the activities of the AUP.

To regulate the mechanisms of evaluation and monitoring of the educational process at the university, internal regulatory documents have been developed and are functioning: Academic Policy, Regulations on the Council for Academic Quality of the NCJSC "SMU", Regulations on the Academic Committee, Regulations on course/specialty coordinators responsible for integrated and non-integrated disciplines; Job descriptions of teaching staff and AUP; Regulations on the KPI system and differentiated remuneration of employees of the NCJSC Semey Medical University.

Comprehensive monitoring of the University's educational policy, focused on ensuring and improving the quality of higher and postgraduate education, is the goal of the Council for Academic Quality (Regulation on the Council for Academic Quality of the NCJSC "SMU" 26.10.2022)

https://drive.google.com/file/d/1g3WmfbLDCvttdCnfCzP8WdjTiMHggJG/view?usp=share_link

The accredited educational program in the specialty 6B10113 "Public Health" is a new EP, the accreditation procedure is being held for the first time, as a result of which at the moment there are no evaluation and monitoring results that indicated the success of the development of the educational program. There are only intermediate results.

Also, the University has developed the following provisions regulating the implementation of the evaluation mechanism of EP, including:

- Academic policy of NCJSC "SMU" (regulates the procedures for evaluation and examination of the EP, its updating on the basis of identified weaknesses and taking into account the recommendations of stakeholders);

- The regulation "On the assessment of academic progress of students of the NCJSC "Semey Medical University"" dated 18.11.2019, which includes the structure of the assessment of academic progress, formed from the assessment of the portfolio, progressive testing, calculation of the average academic achievement score (GPA).

- "Regulations on Interdepartmental control" dated 11.11.2019 (with additions 2020).

Evaluation of the EP is also carried out by systematically receiving feedback from students, teaching staff, stakeholders. The analysis of the training results and the feedback received is the basis for planned changes in the content and organization of the EP. Suggestions and recommendations of students directly related to the learning process are taken into account and taken into account.

In the future, in the process of implementing the educational program of specialty 6B10113 "Public Health", all the mechanisms of monitoring and evaluation of EP, all approaches will be used according to the "Strategy for ensuring the quality of the educational process" in the NCJSC "Semey Medical University" and in accordance with the Standards of internal quality assurance of educational activities in the NCJSC "Semey Medical University", etc. relevant internal documents of the university.

One of the tools for improving the educational process in the NCJSC "SMU" is the feedback analysis. Systematic receipt and analysis of feedback on the quality of the educational process from all interested parties with the identification of weaknesses, planning of improvement measures is carried out by those responsible for the EP. Twice a year, students of all levels are surveyed through Google Forms - this is how satisfaction with the organization of the educational process is assessed, the discipline is evaluated within the corporate system of planning and management of the educational process KEYPS.

In addition, through such direct communication channels as the reception hours of the dean, the Chairman of the Board – Rector, a box for complaints and suggestions, students and teaching staff can directly express their opinions, make suggestions for improving the OP. On the university's website, there is a Virtual reception of the Chairman of the Board – Rector, a Blog of Deputy Chairmen of the Board and deans of Schools, allowing students, teaching staff and employees to express various kinds of problems, wishes and complaints. Based on the results of the evaluation of educational programs, after discussion at various levels, decisions are made on measures to ensure the quality of education.

The analysis of students' academic performance at the university is regulated by the Regulation: "On the assessment of academic progress of students" (15.11.2019), which includes the structure of the assessment of academic progress, formed from various types of assessment; defines the content of education: portfolio assessment, progressive testing, calculation of the average GPA score.

Monitoring of the demand for OP, including work with potential applicants and the proportion of employed graduates is carried out by the Department for the Employment of Graduates and MF.

The analysis of students' educational achievements in relation to their previous experience and conditions, including social, economic, cultural, level of training at the time of admission will allow to obtain a description of achievements in training and identify existing problems in the educational process. Assessment of students' achievements to determine the overall level of preparedness, the dynamics of success in various areas of cognitive activity, such as assimilation and processing of information, creative work and project activities, the ability to express thoughts.

In accordance with the Academic Policy, the system of monitoring the educational achievements of students at the NCJSC "SMU" includes various forms: current control (formative assessment), intermediate certification (summative assessment) and final certification.

Monitoring of students' academic achievements and assessment of their knowledge in academic disciplines is organized by the registrar's office at all stages of the educational process (during the academic period, at the end of the academic period and the academic year). The registrar's office keeps records of the history of students' academic achievements, which is reflected in their transcript of the prescribed form. The transcript is issued to the student on the basis of his written application at any stage of his studies.

Monitoring of the progress of students is carried out based on the results of intermediate attestations and additional measurements of the achievement of learning outcomes.

NCJSC "SMU", provides information about its activities, including educational programs and admission criteria for them, expected learning outcomes for these programs, assigned qualifications, teaching, training, assessment procedures indicating passing points, training opportunities provided to students there, as well as information about the employment of graduates on the official website and accounts in social networks.

The official website of the NCJSC "SMU" also contains reviews about the work of graduates, recommendations and wishes from employers. As already noted above, the results of the evaluation of the EP are published in the form of reports, reported at planning meetings, meetings of collegial bodies. University teaching staff and students are fully aware of them.

Analytical part

Having analyzed the work of the EP according to this standard, the commission notes that the university has a system of assessment of the EP based on the use of various methods of collecting, processing and analyzing information in the context of the EP and the University as a whole. The data testifying to the involvement of teaching staff, students and university staff in the process are presented.

The survey of students, employers and graduates is conducted, both using information and communication technologies and in traditional formats (paper questionnaires, oral conversation), which was confirmed by the participants of the focus groups. The results containing the evaluation of educational programs are heard at extended meetings of the Academic Council with the participation of heads of practical healthcare organizations.

The Dean's Office, the Registrar's office service carries out systematic work on registration and analysis of information on the current, intermediate and final certification of students in disciplines, courses and performance indicators for courses. However, the members of the VEC are not presented with an analysis of the progress of students, taking into account the conditions of their previous education and the level of preparation for admission to the university.

The members of the commission note that the reverse informing of stakeholders on improving the quality of the EP, the measures taken, the proposals taken into account from stakeholders is organized quite clearly, which was confirmed by graduates, students, employers.

At meetings with focus groups of teaching staff, students, to the question of what active teaching methods are used, both groups gave convincing answers and gave examples of the forms of training used (CBL, PBL TBL and others) in specific disciplines. Students noted that

these forms of education motivate more to attend classes and contribute to better assimilation of the material.

Thus, in general, the NCJSC "SMU", monitors educational and other processes, for which appropriate procedures and regulations have been developed. The monitoring results are used to improve the educational program, aimed at the student's progress. Feedback is maintained between teachers and students, including a questionnaire system of satisfaction with educational and other activities of the university, aimed at improving the educational program.

Strengths / Best practices

There are no strengths according to this standard.

VTEC Recommendations:

The management of the EP should develop and reflect in the EP the accounting of the results of the previous level of education (disciplines or learning outcomes). The deadline is until the end of the 2023-2024 academic year

The conclusions of the VEC according to the criteria: strong positions – 0, satisfactory – 8, suggest improvements – 1, unsatisfactory – 0.

6.8. Standard ""MANAGEMENT AND ADMINISTRATION"

The evidentiary part

The School of Public Health, Dentistry, Pharmacy and Nursing is an educational and administrative division of the NCJSC "SMU", which implements educational and professional programs of higher professional education, as well as the management of educational and educational, and therapeutic and diagnostic activities of departments. According to the Regulations on the school of the NCJSC "Semey Medical University", the School of Public Health, Dentistry, Pharmacy and Nursing is created, reorganized and liquidated by the order of the Chairman of the Board - Rector of the NAO "MUS" on the basis of the relevant decision of the Board of Directors of the University. The school unites and oversees the departments that provide the educational process. The assignment of departments to the School is carried out by the order of the Chairman of the Board - Rector of NCJSC "SMU". The direct management of the School is carried out by the Dean.

The academic management system of the School consists of an Academic Committee, an Educational Program Committee (CPC) in the specialty "Public Health".

The Academic Committee (AK) is the highest governing body of the educational and methodological activities of the NCJSC "Semey Medical University". The Academic Committee develops the main directions of educational and methodological work at the university, coordinates the interaction of Schools, departments and structural units of the University involved in the educational process in the field of educational and methodical, educational and educational work, promotes the introduction of promising areas of methodological support of the educational process in order to improve the level of training of specialists.

In order to coordinate and improve the educational and methodological work of the departments and improve the quality of training of specialists of the NCJSC "Semey Medical University", Order No. 330 of September 20, 2022 was created. "On the composition of the Academic Committee"

https://docs.google.com/document/d/1neycdfuVTqTFbR45oMq0o3dSPV-qRHpe/edit?usp=share_link&oid=107993716942461224829&rtpof=true&sd=true

The School has an Educational Program Committee (CPC) in the specialty "Public Health", which is a collegial body of the NCJSC "SMU". The CPC coordinates educational and methodological work by providing a competent approach to the preparation of graduates within the framework of the educational program of the specialty. The work of the CPC is carried out in accordance with the plan approved by the Academic Committee.

To improve and monitor the educational and methodological activities of the departments, Order No. 334 of September 26, 2022 was created. "On the composition of the Committee of Educational Programs (CPC) of the bachelor's degree specialty 6B10113 "Public Health". Which includes: Dean of the School of Public Health, Dentistry, Pharmacy and Nursing, faculty, employers and students. https://docs.google.com/document/d/1EX93XWr6spOUSkEyEchutA-53rCQQVO3/edit?usp=share_link&oid=107993716942461224829&rtfpof=true&sd=true

Planning and management of educational activities and effective organization of the educational process is carried out in accordance with the Academic Policy aimed at implementing student-oriented learning and improving the quality of education.

The main advisory bodies of the specialty "Public Health" are the Academic Council, the Academic Committee and the CPC of the specialty "Public Health". The CPC consists of: chairman, deputy chairman, secretary, members of the CPC responsible for disciplines, advisors by specialty, employers, representatives of students. In its work, the School of Public Health, Dentistry, Pharmacy and Nursing interacts with the Academic Committee (on issues of organization, planning, provision of educational and methodological work), with the educational department (on issues of organization and control of educational and methodological work of the School, provision of educational documentation (working curriculum; academic calendar; lecture schedule, practical classes; formation of academic streams and groups based on students' choice of the learning trajectory), with the registrar's office (on the organization of knowledge control, registration of the entire history of academic achievements and calculation of the academic rating of students in all forms of study, examinations, exams; examination sheets; GPA calculation, individual curricula of students; catalog of elective disciplines), with the library (on issues of providing the educational process with educational literature, methodological developments, access to electronic databases), with the department for the employment of graduates and the Medical Foundation (on the organization of educational activities for the provision of additional educational services, the implementation of career guidance and explanatory work in educational organizations, attracting the attention of future applicants for the profession of a doctor, selection of talented and gifted children among school students, work on the admission of applicants and the formation of a contingent of students, as well as assistance in the employment of graduates) and with other departments for the management and organization of educational activities.

In connection with the transition of the University to the automated KEYPS program, the directors of the committees and course coordinators have been approved, who control the placement and completion of the relevant educational material. In order to improve educational and methodological activities, each course is assigned to a coordinator. In turn, the course coordinators are under the supervision of the main coordinator. Each coordinator is responsible for each course, which mobilizes the work of the entire course.

For the effective work of the EP "Public Health", the leading teachers of the departments, employers and students are members of the US, the CPC in the specialty "Public Health", AK. In addition, representatives of departments, Schools, students and employers, based on the principle of collegiality, participate in the work of the commission for awarding vacant state educational grants, in working commissions by order and order of the Dean of the School.

There is also the Council for Academic Quality, a collegial body whose purpose is to monitor the university's educational policy in a comprehensive manner, focused on ensuring and improving the quality of higher and postgraduate education. <https://smu.edu.kz/ru/obuchenie/sovet-po-akademicheskomu-kachestvu/>

The University plans and implements actions in response to risks. Risks are assessed according to the SOP "Risk Assessment Algorithm" on a five-point scale. Also, when developing an annual plan, a "plan B" is proposed to minimize risks. Subsequently, quarterly monitoring of the implementation of the Development Plan is carried out and, when compiling the report, an assessment and probability of the occurrence of risks are carried out, indicating ways to minimize risks and their consequences. The Higher Education process map outlines the risks that a school may face at all stages of its work, such as planning, execution, monitoring, feedback,

and analysis of the school's work. The process map presents the risk register of the "Higher Education" process.

The general management and general control of the implementation of the EP specialty "Public Health" is carried out by the Deputy Chairman of the Board for academic and educational work. The academic staff takes an active part in the formation of the content of the OP, in solving the issues of the organization of the educational process. Students take an active part in the development of the curriculum along with the academic staff. Representatives of the student government are involved in planning.

Semey Medical University has a management system that contributes to the achievement of the Mission and Vision, supports the efficiency and integrity of all processes, creates and maintains an environment for learning, research and creative activity.

The Student self-government (SSU) functions in the NCJSC "SMU" - a permanent representative collegial body of the university, whose activities are aimed at ensuring the realization of the rights of students to participate in the management of the educational process, solving important issues of student life, the development of their social activity, support and implementation of social initiatives <https://smu.edu.kz/ru/studentam/ctudencheskoe-samoupravlenie/>

Students participating in student self-government are members of collegial bodies, for example, they are members of the Academic Committee, the Academic Council. When making decisions, members of collegial bodies necessarily take into account their opinion, as the opinion of students, thereby they actively influence the improvement of the educational process.

The University has sufficient financial resources to realize its Mission, achieve its goals and fulfill its assigned tasks. The functional currency of the University is the Kazakhstani tenge.

Accounting policy of the Non-Profit Joint Stock Company "Semey Medical University" (hereinafter - University) developed in accordance with the Law of the Republic of Kazakhstan on February 28, 2007 No. 234-Sh "On Accounting and Financial Reporting", the Concept of preparation and formation of financial statements, International Financial Reporting Standards and interpretations thereto, as well as methodological recommendations on the application of IFRS, Accounting Rules approved by the order of the Minister of Finance of the Republic of Kazakhstan dated March 31, 2015 No. 241 and other regulatory legal acts of the Republic of Kazakhstan on accounting and financial reporting.

For the successful operation of the university, a clear definition of development directions, both for the long and short term, the search for internal reserves that contribute to more effective achievement of the goals set, as well as the development of effective control mechanisms, is of particular relevance. The interrelation of the university's development directions, as well as the construction of a mechanism for achieving these goals with the help of financial resources, is implemented through financial policy.

The main document defining the main directions of activity and indicators of financial and economic activity of the University is the Development Plan, which is developed for a 5-year period, considered by the Academic Council of the University, coordinated with the Ministry of Health of the Republic of Kazakhstan and approved by the Supervisory Board. In order to identify the actual presence of non-current assets, inventory items, cash, other assets, as well as liabilities, to ensure their safety and reliability of accounting and financial reporting data, an inventory is carried out at the university at least once a year.

Analytical part

In accordance with the Charter, the NCJSC "SMU" is an institution of higher education that implements educational programs of higher education, professional educational programs of postgraduate medical and pharmaceutical education.

The Commission notes that the university has identified management structures, structural units and their functions, which include academic staff, students, representatives of practical healthcare and pharmacy, which is confirmed by the submitted documents, the results of interviews with various focus groups, ranging from the management of the NGO and ending

with employers. Decisions taken at different levels have transparency, are brought to the attention of interested parties by mailing by e-corporate mail, publications on the website, Meeting materials are published in the form of a protocol and posted electronically on the university's website, academic councils, meetings with students and employers, in the content of the University's social networks.

In the documents submitted to the commission and on the website <https://smu.edu.kz/ru> Information about the current QMS system is reflected in the University; the regulatory documents of the Public educational institution define the responsibility of the academic leadership in relation to the development and management of the educational program (carried out according to the results of final attestations of students, state attestations, the results of independent certification of graduates, evaluation of key indicators of educational activities of the University Development Program at the end of the calendar year).

The University independently carries out financial and economic activities, developing a plan of financial and economic activities. The financial autonomy of the university correlates with the principles of responsibility to society for the quality of all professional training, scientific research, provision of services, with the effective disposal of funds and property. This policy does not contradict the legislation of the Republic of Kazakhstan and ensures the institutional autonomy of the University. Monitoring of compliance with the principles of efficiency, effectiveness, priority, transparency and responsibility of the financing system is carried out during the audit, the results of which for the reporting period are posted on the University's website.

The University has close interaction with the practice sector, with related sectors of healthcare, society, including information exchange, cooperation on the basis of the Order of the Minister of Health of the Republic of Kazakhstan dated September 11, 2012 No. 628 "On approval of the Regulations on clinical bases of medical educational organizations".

The NCJSC " SMU " regularly publishes information on all issues of its activities on the official website <https://smu.edu.kz/ru> .

Strengths / Best practices

No strengths have been identified according to this standard.

VTEC Recommendations

There are no recommendations for this standard.

The conclusions of the VEC according to the criteria: strong positions – 0, satisfactory – 12, suggest improvements – 0, unsatisfactory – 0.

(VII) OVERVIEW OF STRENGTHS/BEST PRACTICES FOR EACH STANDARD

7.1 Standard "Mission and results"

No strengths have been identified for this standard.

7.2 The standard "Educational Program"

No strengths have been identified for this standard.

7.3 The Standard "Student Assessment Policy"

No strengths have been identified according to this standard.

7.4 The "Students" standard

has not revealed any strengths according to this standard.

7.5 Standard "Academic staff/Teachers"

Strengths according to this standard have not been identified.

7.6 Standard "Educational Resources"

The implemented program of academic mobility of students (in particular, the Erasmus+ project "Coordination and mutual recognition of Master's programs in occupational and environmental health/ HARMONEE") in combination with the system of intra-university grants for students contributes to strengthening the relationship between scientific research and education, especially in the field of solving global health problems.

7.7 The standard "Evaluation of the educational program"

No strengths have been identified according to this standard.

7.8 Standard "Management and Administration"

No strengths have been identified according to this standard.

(VIII) OVERVIEW RECOMMENDATIONS FOR QUALITY IMPROVEMENT**8.1 Standard "Mission and results"**

The management of the EP should ensure the participation of all stakeholders (in particular employers and graduates) in the formulation of the mission of the EP. The deadline is until the beginning of the 24-25 academic year

8.2 Standard "Educational program"

There are no recommendations for this standard.

8.3 Standard "Student Assessment Policy"

The management of the NGO should develop a system for assessing the reliability, validity and fairness of the assessment methods used, as well as conduct training of teaching staff on this system. The deadline is until the beginning of the 2024-2025 academic year.

8.4. The "Students" Standard

The management of the EP should ensure the development and implementation of an academic counseling program with mandatory coverage of professional career planning issues. The deadline is until the beginning of the 2024-2025 academic year.

8.5 Standard "Academic staff / teachers"

The management of the NGO should expand the support of the academic staff based on the results of the assessment of scientific and academic achievements of teachers. The deadline is until the end of the 2023-2024 academic year.

8.6 Standard "Educational resources"

1. The management of the NGO should consider organizing a training room on the basis of practical training - a University hospital - to ensure a safe working environment and improve the learning environment. The deadline is until the beginning of the 2024-2025 academic year.

2. The management of the EP should supplement the list of bases of practical training (in terms of the production practice of students in the OP) with medical organizations, including private ownership, to improve the practical experience of graduates. The deadline is until the beginning of the 2024-2025 academic year.

8.7 The standard "Evaluation of the educational program"

should be developed by the management of the EP and reflected in the EP taking into account the results of the previous level of education (disciplines or learning outcomes). The deadline is until the end of the 2023-2024 academic year

8.8 Standard "Management and Administration"
There are no recommendations for this standard.

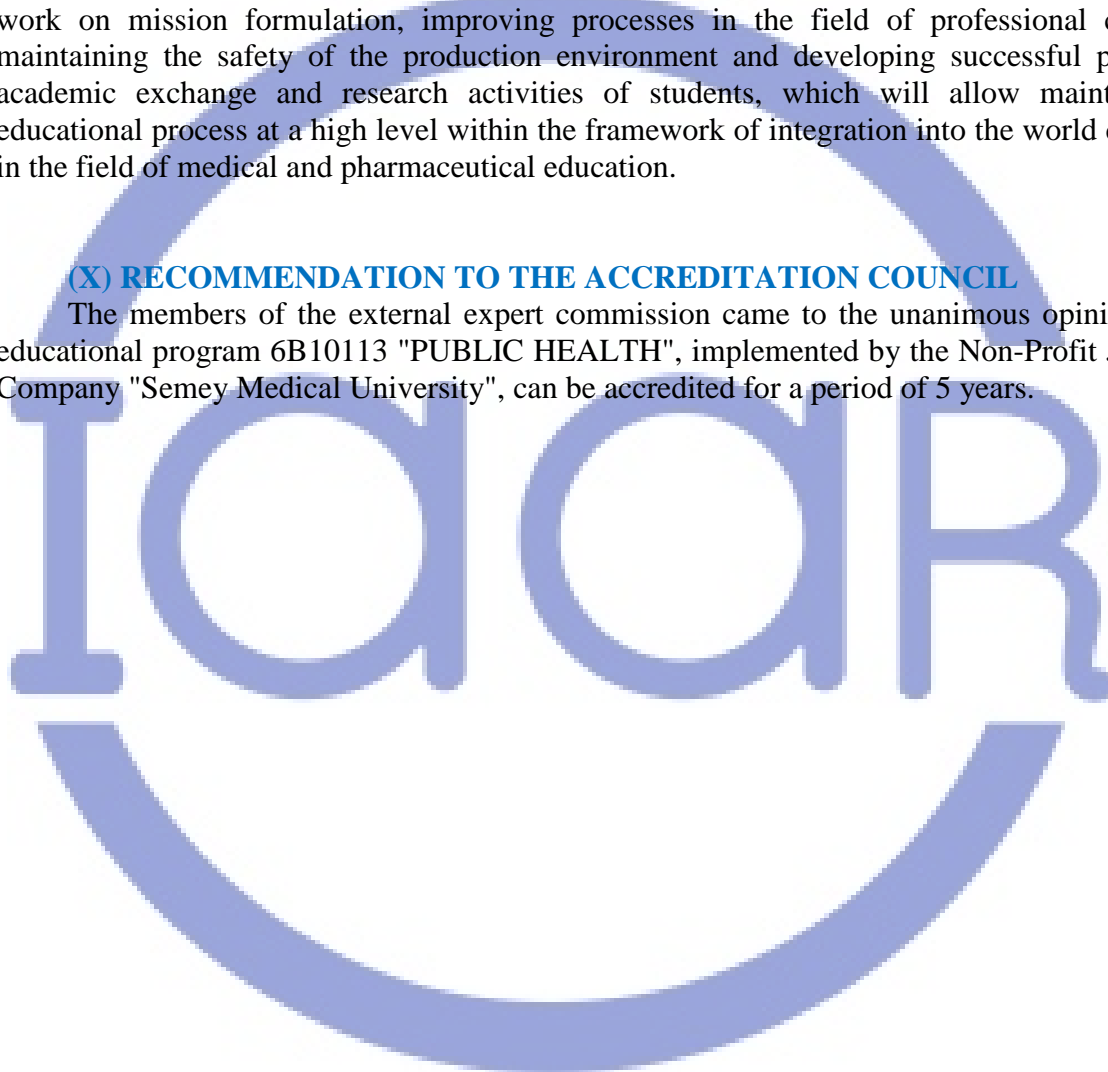
(IX) OVERVIEW RECOMMENDATIONS FOR THE DEVELOPMENT OF THE ORGANIZATION OF EDUCATION

During the work of the IAAR VEC, which took place in full-time and distance format, meetings were held with the University administration, heads of structural divisions, teaching staff, students, key stakeholders, documents of the educational organization, Internet resources were studied, the results of which can be judged on the activities of the university as a whole, and on Public Health in particular.

The recommendations focus on improving the work on involving all stakeholders in the work on mission formulation, improving processes in the field of professional counseling, maintaining the safety of the production environment and developing successful practices of academic exchange and research activities of students, which will allow maintaining the educational process at a high level within the framework of integration into the world community in the field of medical and pharmaceutical education.

(X) RECOMMENDATION TO THE ACCREDITATION COUNCIL

The members of the external expert commission came to the unanimous opinion that the educational program 6B10113 "PUBLIC HEALTH", implemented by the Non-Profit Joint Stock Company "Semey Medical University", can be accredited for a period of 5 years.



Appendix 1. Evaluation table "PARAMETERS OF A SPECIALIZED PROFILE" OF EP 6B10113 "PUBLIC HEALTH"

# N\N	# N\N	# Crete.	EVALUATION CRITERIA	NGO Position			
				Strong	Satisfactory	Implies improvement	Unsatisfactory
Standard 1 "MISSION AND RESULTS"							
1.1 Mission definition							
An educational organization should:							
1	1	1.1.1.	define the mission of the EP and communicate it to stakeholders and the health sector.		+		
2	2	1.1.2.	the mission statement should reflect the objectives and educational strategy that allow for the preparation of a competent specialist at the higher education level in the field of healthcare with an appropriate basis for further career in any field of healthcare, including all types of practice, administrative medicine and scientific research in healthcare; capable of performing the role and functions of a specialist in accordance with the established requirements of the sector prepared for postgraduate education and committed to lifelong		learning+		
3	3	1.1.3.	ensure that the OP's mission includes research achievements 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	4	1.2.1.	have institutional autonomy to develop and implement a quality assurance policy for which the administration and faculty are responsible, especially with regard to the development of the educational program and the allocation of resources necessary for the implementation of the educational program		+		
5	5	1.2.2.	ensure academic freedom for employees and students to implement the educational program and use the results of new research to improve the study of specific disciplines/issues without expanding the EP		+		
1.3 Learning outcomes							

An educational organization should:							
6	6	1.3.1.	identify the expected learning outcomes that students should achieve upon completion of their studies in relation to basic level achievements in terms of knowledge, skills and professional relationships; an appropriate foundation for future careers in any field of the healthcare industry; future roles in the healthcare sector; subsequent postgraduate training; lifelong learning commitments; and needs social health, health system needs and other aspects of social responsibility		+		
7	7	1.3.2.	ensure appropriate behavior of students towards fellow students, teachers, medical staff, patients and their relatives		+		
8	8	1.3.3.	publish expected learning outcomes of the OP		+		
9	9	1.3.4.	identify and coordinate the relationship of learning outcomes required upon completion with those required in post-graduate training		+		
10	10	1.3.5.	provide for students to participate in research in the relevant health field		+		
11	11	1.3.6.	pay attention to the expected learning outcomes related to global health		+		
1.4 Participation in the formulation of the mission and learning outcomes							
The educational organization should:							
12	12	1.4.1.	ensure the participation of key stakeholders in the formulation of the mission and expected learning outcomes			+	
13	13	1.4.2.	ensure that the stated mission and expected learning outcomes are based on the opinions/suggestions of other stakeholders.		+		
Total				0	12	1	0
Standard 2. EDUCATIONAL PROGRAM							
2.1 Educational program model and teaching methods							
The educational organization should:							
14	1	2.1.1.	define the OP specifications, including a statement of expected learning outcomes, a curriculum based on a modular or spiral structure, and the qualifications to be awarded.		+		
15	2	2.1.2.	use teaching and learning methods that encourage, prepare and support students to take responsibility for the learning process		+		
16	3	2.1.3.	ensure that the EE is implemented in accordance with the principles of equality.		+		
17	4	2.1.4.	develop students ' lifelong learning abilities		+		
2.2. Scientific method							
The educational organization should:							
18	5	2.2.1.	throughout the entire training program, instill in students the principles of scientific methodology, including methods of analytical and critical thinking; research methods in		+		

			health care and evidence-based medicine				
19	6	2.2.2.	provide for the possibility to include in the OP the results of modern scientific research		+		
2.3 Basic biomedical sciences							
The educational organization should:							
20	7	2.3.1.	define and include in the EP achievements of basic biomedical sciences in order to form students' understanding of scientific knowledge, concepts and methods that are the basis for acquiring and applying clinical scientific knowledge in practice		+		
21	8	2.3.2.	provide mechanisms for reviewing and updating the EP taking into account the achievements of achievements in biomedical sciences reflecting scientific, technological and medical and pharmaceutical developments, current and expected needs of society and the healthcare system		+		
2.4. Behavioral and social sciences, medical / Pharmaceutical ethics and Jurisprudence							
The educational organization should:							
22	9	2.4.1.	identify and include in the OP achievements of behavioral sciences, social sciences, medical/pharmaceutical ethics and jurisprudence		+		
23	10	2.4.2.	provide mechanisms for reviewing and updating the OP taking into account achievements, taking into account achievements of behavioral and social sciences medical / pharmaceutical ethics and jurisprudence, including current scientific, technological and medical and pharmaceutical developments, current and expected needs of society and the healthcare system; changing demographic and cultural context		+		
2.5. Clinical / Pharmaceutical Sciences and Skills							
The educational organization should:							
24	11	2.5.1.	identify and include in the OP achievements in clinical / pharmaceutical sciences to ensure that students have acquired sufficient knowledge, clinical and professional skills at the end of training to take appropriate responsibility in subsequent professional activities;		+		
25	12	2.5.2.	to ensure that students spend a good part of a program scheduled contacts with patients, consumers of services in the appropriate clinical/production environment and experience of health promotion and disease prevention		+		
26	13	2.5.3.	to determine the amount of time spent learning the basic maths core subjects		+		
27	14	2.5.4.	to organize training with appropriate attention to the safety of the learning environment and		+		

			patients, including the observation of actions performed by students in clinical/production bases				
28	15	2.5.5.	it should be possible to change the OP, given the advances in scientific, technological, medical and pharmaceutical developments, current and projected needs of the society and the healthcare system		+		
29	16	2.5.6.	to ensure that each student has an early contact with real patients, consumers of services, including a gradual involvement in the provision of services including liability: - in the examination and/or treatment of a patient under observation in the appropriate clinical setting; - the procedures of surveillance in terms of survey and/or inspection of the object under observation, which is at the respective production bases (centers sanepidemstansii, territorial departments of sanitary-epidemiological control, including transport, organizations, disinfection and health care facilities); - in terms of advising the patient on the rational use of medicines held in the relevant production conditions		+		
30	17	2.5.7.	to structure the various components of clinical training, hygiene monitoring environmental factors and production environments and other productive skills in accordance with the specific stage of the training program.		+		
2.6. Structure of the educational program, content and duration							
The educational organization should:							
31	18	2.6.1.	describe the contents, scope and sequence of disciplines/modules, including compliance with the appropriate balance between basic biomedical, behavioral, social and clinical/specialized disciplines.		+		
32	19	2.6.2.	provide for horizontal integration of related sciences and disciplines;		+		
33	20	2.6.3.	provide for vertical integration of clinical/specialized sciences with basic biomedical and behavioral and social sciences		+		
34	21	2.6.4.	provide the possibility of elective content (electives) and determine the balance between the mandatory and elective part of the OP		+		
35	22	2.6.5	determine the relationship with complementary medicine, which includes non-traditional, traditional or alternative practices, occupational medicine, which includes aspects of the impact of the environment and man-made production		+		

			loads, and the social situation on public health.						
2.7. Program Management									
The educational organization should:									
36	23	2.7.1.	define procedures for the development, approval and revision of the EP		+				
37	24	2.7.2.	define a committee under the direction of academic leadership responsible for planning and implementing the EP to ensure that expected learning outcomes are achieved.		+				
38	25	2.7.3.	ensure representation of teachers, students, and representatives from other stakeholders, including representatives from clinical, production facilities, and healthcare professionals involved in the training process, as part of the NGO committee responsible for the OP.		+				
39	26	2.7.4.	provide for the possibility to plan and implement innovations in the OP through the committee responsible for the OP		+				
2.8. Relationship with medical / pharmaceutical practice and the health care system									
The educational organization should:									
40	27	2.8.1.	ensure continuity between the OP and the subsequent stages of professional training or practical activities that the student will start at the end of training		+				
41	28	2.8.2.	take into account the specifics of the conditions in which graduates will work and modify the OP accordingly		+				
Total				0	28	0	0		
Standard 3. STUDENT ASSESSMENT POLICY									
3.1. Assessment methods									
The educational organization should:									
42	1	3.1.1.	define and approve the principles, methods and practices used for evaluating students, including the number of exams, criteria for establishing passing scores, grades, and the number of retakes allowed;		+				
43	2	3.1.2.	ensure that assessment procedures cover knowledge, skills, attitudes, etc. professional behavior		+				
44	3	3.1.3.	use a wide range of assessment methods and formats depending on their "utility assessment", including a combination of validity, reliability, impact on training, acceptability and effectiveness of the assessment methods and format					+	
45	4	3.1.4.	provide for the possibility of providing external experts to review the assessment process and methods		+				
46	5	3.1.5.	demonstrate readiness to ensure that assessment methods and results avoid conflicts		+				

			of interest and use the system of appeal of students' assessment results				
47	6	3.1.6.	provide for the possibility of ensuring an open assessment procedure and its results, informing students about the assessment criteria and procedures		used+		
48	7	3.1.7.	provide for the possibility of documenting and evaluating the reliability and validity of assessment methods, as well as attracting external examiners		+		
3.2. Relationship between assessment and learning							
The educational organization should:							
49	8	3.2.1.	use principles, methods and practices of assessment that are comparable to the planned goals and methods of teaching and learning, guarantee the achievement of planned learning outcomes, promote the learning of students, ensure an appropriate balance of formative and final assessment for the direction of learning and decision-making on academic performance		+		
50	9	3.2.2.	provide for the possibility of adjusting the number and nature of exams to encourage both knowledge acquisition and integrated learning		+		
51	10	3.2.3.	provide timely, concrete, constructive and fair feedback to students on the assessment results		+		
Total				0	9	1	0
Standard 4. STUDENTS							
4.1. Admission and Selection Policy							
An educational organization should:							
52	1	4.1.1.	have a policy and implement admission practices based on the principles of objectivity and include a clear statement of the student selection process		+		
53	2	4.1.2.	have a policy and implement the practice of admitting persons with disabilities		+		
54	3	4.1.3.	have a policy and implement the practice of transferring students from other educational organizations, including foreign		ones +		
55	4	4.1.4.	establish a link between the selection and mission of the educational organization, the educational program and the desired quality of graduates; periodically review the admission policy		+		
56	5	4.1.5.	demonstrate readiness to use the system of appeal of decisions on admission of students		+		
4.2. Student recruitment							
The educational organization should:							
57	6	4.2.1.	determine the number of students accepted in accordance with the educational organization's capabilities at all stages of the educational program		+		

58	7	4.2.2.	demonstrate readiness to regulate the number and number of students accepted, taking into account the views of stakeholders responsible for planning and developing human resources in the health sector in order to meet 4.2.3.provide for the possibility of periodically reviewing the number and nature of students accepted in consultation with other interested parties and regulating them in order to meet the health needs of the population and society as a whole		+		
59	8	4.2.3.	provide for the possibility of periodically reviewing the number and nature of students accepted in consultation with other interested parties and regulating them in order to meet the health needs of the population and society as a whole		+		
4.3. Student counseling and support							
The educational organization should:							
60	9	4.3.1.	demonstrate the ability to use the student academic counseling system		+		
61	10	4.3.2.	demonstrate readiness to offer students a support program aimed at social, financial and personal needs, allocating appropriate resources and ensuring the confidentiality of counseling and support		+		
62	11	4.3.3.	demonstrate readiness to use the feedback system communication with students to assess the conditions and organization of the educational process		+		
63	12	4.3.4.	demonstrate readiness to provide students with documents confirming their qualifications (diploma) and diploma supplement (transcript)		+		
64	13	4.3.5.	provide an opportunity to take into account the needs of different groups of students and provide an opportunity for the formation of an individual educational trajectory		+		
65	14	4.3.6.	demonstrate a willingness to provide academic counseling that is based on monitoring student performance and includes issues of professional orientation and career planning				+
4.4. Student representation							
The educational organization should:							
66	15	4.4.1.	have a policy and implement practices for student representation and proper participation in mission definition, development, management and evaluation of the educational program and other matters related to students		+		
67	16	4.4.2.	provide for the possibility of encouraging and providing assistance and support to student activities and student organizations		+		

Total				0	15	1	0
Standard 5. ACADEMIC STAFF/TEACHERS							
5.1. Recruitment and Selection Policy							
The education organization should develop and implement a recruitment and selection policy that:							
68	1	5.1.1.	defines their category, responsibilities, and the balance of academic staff/teachers in basic biomedical sciences, behavioral and social sciences, and medical / pharmaceutical sciences for the adequate implementation of the OP, including the appropriate ratio between medical, non-medical, pharmaceutical teachers, full-time or part-time teachers, and the balance between academic and non-academic staff		+		
69	2	5.1.2.	takes into account the criteria of scientific, educational and clinical achievements, including the ratio between teaching, research and "service" functions			+	
70	3	5.1.3.	determines and monitors the responsibilities of academic staff/teachers in basic biomedical sciences, behavioral and social sciences and clinical, hygiene, pharmaceutical sciences.		+		
71	4	5.1.4.	provides for the possibility to take into account such criteria and features as attitude to the mission and economic opportunities of the educational organization, as well as significant features of the region in the personnel selection and recruitment policy		+		
5.2. Performance and Staff Development Policy							
An educational organization should develop and implement a performance and staff development policy that aims to:							
72	5	5.2.1.	maintain a balance of opportunities between teaching, research, and "service" functions, and ensure that worthy academic performance is recognized with appropriate emphasis on teaching, research, and professional qualifications		+		
73	6	5.2.2.	provision of sufficient knowledge by individual employees of the entire educational program, as well as training and professional development of teachers, their development and assessment		+		
74	7	5.2.3.	the ability to take into account the ratio of "teacher-student" depending on various components of the educational program		+		
75	8	5.2.4.	career growth of staff		+		
Total				0	7	1	0
Standard 6. EDUCATIONAL RESOURCES							
6.1. Material and technical base							
The educational organization must:							
76	1	6.1.1.	demonstrate readiness to provide sufficient			+	

			material and technical base to ensure adequate implementation of the educational program, as well as create a safe learning environment for staff, students, patients and their relatives				
77	2	6.1.2.	demonstrate a willingness to improve the learning environment by regularly updating and expanding the material and technical base to meet changes in educational practice		+		
6.2. Resources for practical training							
The educational organization should:							
78	3	6.2.1.	demonstrate a willingness to provide the necessary resources to provide students with appropriate clinical / practical experience, including: quality and categories of patients/consumers of services, number and categories of clinical / production facilities; monitoring the practice of students			+	
79	4	6.2.2.	demonstrate readiness to evaluate, adapt and improve the conditions of clinical / practical training to meet the needs of the population		+		
6.3. Information technologies							
An educational organization should:							
80	5	6.3.1.	develop and implement policies aimed at the effective and ethical use and evaluation of relevant information and communication technologies		+		
81	6	6.3.2.	provide for access to websites or other electronic media		+		
82	7	6.3.3.	provide for teachers and students to access relevant patient data and health information systems using existing and existing technologies. relevant new information and communication technologies for self-learning, access to information, patient databases, and work with healthcare information systems		+		
6.4. Research and scientific achievements							
The educational organization should:							
83	8	6.4.1.	demonstrate its readiness to use research activities and scientific achievements in the field of medicine and pharmacy as the basis for the educational program		+		
84	9	6.4.2.	formulate and implement policies that promote the strengthening of the relationship between research and education; provide information on the research base and priority	+			
85	10	areas 6.4.3.	ensure that the relationship between research and education is taken into account in teaching, encourages and prepares students to participate in and participate in scientific research in the		of health+		

			field				
6.5. Expertise in the field of education							
The educational organization should:							
86	11	6.5.1.	have a policy and implement in practice access to educational expertise of the processes, practices and problems of medical and pharmaceutical education with the involvement of specialists, teachers-psychologists, sociologists at the university, interuniversity and international levels; develop and implement an expertise policy in the development, implementation and evaluation		+		
87	12	of 6.5.2.	demonstrate readiness to provide evidence of the use of internal or external educational expertise in staff development, taking into account current experience in medical/pharmaceutical education and promoting the interests of staff in conducting research in education+		+		
6.6. Exchange in the field of education							
The educational organization should:							
88	13	6.6.1.	have a policy and implement practices of national and international cooperation with other educational organizations, including staff and student mobility, as well as transfer of educational credits		+		
89	14	6.6.2.	demonstrate readiness to facilitate the participation of teachers and students in academic mobility programs at home and abroad and allocate appropriate resources for these purposes		+		
Total				1	11	2	0
Standard 7. EVALUATION OF the EDUCATIONAL PROGRAM							
7.1. Mechanisms for monitoring and evaluating the program							
The educational organization should:							
90	1	7.1.1.	have regulated procedures for monitoring, periodically evaluating the educational program and learning outcomes, progress and academic performance of students		+		
91	2	7.1.2.	develop and demonstrate readiness to use the educational program evaluation mechanism, which reviews the program, its main components, students ' academic performance, identifies and solves problems, ensures that the relevant evaluation results affect the OP		+		
92	3	7.1.3.	demonstrate readiness to periodically evaluate the program by comprehensively considering the educational process, components of the educational program, expected learning outcomes, and social environment. Responsibility		+		

7.2. Teacher and student feedback							
The educational organization should:							
93	4	7.2.1.	provide for systematic conduct, analysis and response to feedback from teachers and students		+		
94	5	7.2.2.	demonstrate readiness to use the results of feedback to improve the educational program		+		
7.3. Academic achievements of students							
The educational organization should:							
95	6	7.3.1.	demonstrate readiness to analyze students 'academic performance in accordance with the mission and expected results of training, the training program and availability of resources		+		
96	7	7.3.2.	demonstrate readiness to analyze students' academic performance taking into account the conditions of their previous training, the level of training at university admission; use the results of the analysis for interaction with the structural unit responsible for selecting students, developing an educational program, and advising students			+	
7.4. Stakeholder engagement							
An educational organization should:							
97	8	7.4.1.	demonstrate readiness to involve key stakeholders in monitoring and evaluating the educational program		+		
98	9	7.4.2.	demonstrate readiness to provide stakeholders with access to the results of the program evaluation, collect and study feedback from them about the educational program		+		
Total				0	8	1	0
Standard 8. MANAGEMENT AND ADMINISTRATION							
8.1. Governance							
The educational organization should:							
99	1	8.1.1.	define structural divisions and their functions, including relationships within the university		+		
100	2	8.1.2.	define committees in the management structure, their responsibilities, composition that reflects the representation of key and other stakeholders, ensuring transparency of the work of the bodies management and their decisions		+		
8.2. Academic leadership							
An educational organization should:							
101	3	8.2.1.	describe the responsibilities of academic leadership in defining and managing the educational program		+		
102	4	8.2.2.	demonstrate a willingness to periodically evaluate academic leadership in relation to the achievement of its mission and expected learning outcomes		+		

8.3. Training budget and allocation of resources							
The educational organization should:							
103	5	8.3.1.	have a clear distribution of responsibility and authority for providing resources to the educational program, including the target training budget		+		
104	6	8.3.2.	demonstrate readiness to allocate resources necessary for the implementation of the EP and allocate educational resources in accordance with their needs		+		
105	7	8.3.3.	provide for the ability to allocate resources independently, including the remuneration of teachers who properly achieve the planned learning outcomes; take into account scientific achievements in the field of health and public health problems and their needs when allocating resources.		+		
8.4. Administrative staff and management							
An educational organization should:							
106	8	8.4.1.	demonstrate readiness to have administrative and professional personnel to implement the educational program and related activities, ensure proper management and allocation of resources		+		
107	9	8.4.2.	demonstrate readiness to 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 health sector							
The educational organization should:							
108	10	8.5.1.	demonstrate readiness to engage constructively with the health system and public and government sectors related to health, including foreign		ones+		
109	11	8.5.2.	demonstrate readiness to formalize cooperation, including the involvement of employees and students, with partners in the health sector		+		
8.6. Informing the public							
The educational organization must:							
110	12	8.6.1.	provide for regular publication on the official website of the educational organization and in the media of complete and reliable information about the educational program, its achievements		+		
Total				0	12	0	0
TOTAL IN TOTAL				1	102	7	0