



«АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

On the results of the work of an external expert commission for the evaluation of an educational program in a specialty 7M10102 “Public Health” (scientific and pedagogical direction) for compliance with the requirements of specialized accreditation standards
Non-profit joint stock company
"Kazakh National University named after Al-Farabi"
from 15 to 17 May 2023

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

*Addressed to the IAAR
Accreditation Council*



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Almaty

17 May 2023

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(I) LIST OF SYMBOLS AND ABBREVIATIONS

AIS – automated information system
AK – academic committee
AS - academic council
BDO – basic disciplines are required University - higher education institution
VSHO - Higher School of Public Health
GAK - State Certification Commission
GOSO - State Compulsory Education Standard
IGA – final state certification
CIS – control and measuring equipment
KR – boundary control
Ministry of Health of the Republic of Kazakhstan – Ministry of Health of the Republic of Kazakhstan
CT - Comprehensive testing
QED - Catalog of elective disciplines
CE -Comprehensive Exam
LEK – Local Ethical Commission
MN and VO RK - Ministry of Science and Higher Education of the Republic of Kazakhstan
NJSC Al-Farabi Kazakh National University - Non-profit joint- stock company "Al-Farabi Kazakh National University"
IEP-individual curriculum
EP - educational program teaching staff - teaching staff
RUP - working curriculum
QMS - quality management system
US – Academic Council
CNPR – center for continuous professional development
FMIZ - Faculty of Medicine and Health
CBL – clinical learning
PBL – problem-based learning
TBL – Team-Based Learning

(II) INTRODUCTION

In accordance with order No. 74-23-OD dated March 10, 2023. Independent agency for accreditation and rating (hereinafter - IAAR) from May 15 to May 17, 2023. an external expert commission (EEC) assessed educational programs 7M10102 “Public Health” for compliance with the standards specialized accreditation of basic medical and pharmaceutical education IAAR based on WFME / AMSE standards (Republic of Kazakhstan) dated May 25, 2018 No. 68-18/1-OD, implemented by the Al-Farabi Kazakh National University.

The report of the external expert commission contains an assessment of the compliance of activities within the framework of specialized accreditation with the IAAR criteria, recommendations of the EEC for further improvement of the parameters of the specialized profile of educational programs 7M10102 “Public Health”.

The composition of the EEC:

Chairman of IAAR – Tulupova Elena Sergeevna, Ph.D, Institute of Public Health and Medical Law, 1st Faculty of Medicine, Charles University (Czech Republic, Prague), Off-line participation;

Foreign expert of IAAR - Vasilevskaya Ekaterina Sergeevna, Candidate of Pharmaceutical Sciences, Associate Professor, Omsk State Medical University (Russian Federation, Omsk), Off-line participation;

Foreign expert of IAAR - Zhalilov Fazliddin Sodikovich, doctor of medical sciences, Tashkent Pharmaceutical Institute, (Republic of Uzbekistan, Tashkent), Off-line participation;

Foreign expert of IAAR – Ganagina Irina Gennadijevna, Candidate of Technical Sciences, Siberian State University of Geosystems and Technologies (Russian Federation, Novosibirsk), On-line participation;

Foreign expert of IAAR - Meir Sapargalievich Erdauletov, Joint Institute for Nuclear Research (Russian Federation, Dubna), Off-line participation;

Expert of IAAR - Shukirbekova Alma Boranbekovna, Doctor of Pharmacy, Professor, JSC "Astana Medical University" (Republic of Kazakhstan, Astana), On-line participation;

Expert of IAAR– Seidakhmetova Aizat Ashimkhanovna, candidate of medical sciences, South Kazakhstan Medical Academy JSC (Republic of Kazakhstan, Shymkent), Off-line participation;

Expert of IAAR – Maukenova Altynai Amanbaevna, candidate of economics sciences, S.D. Asfendiyarov Kazakh National Medical University (Republic of Kazakhstan, Almaty), Off-line participation;

Expert of IAAR – Dmitry Pavlovich Muchkin, candidate of pedagogy sciences, Associate Professor, NCJSC Pavlodar Pedagogical University (Republic of Kazakhstan, Pavlodar), Off-line participation;

Expert of IAAR - Sultanova Gulnar Dostanovna, candidate of economics sciences, NCJSC "West Kazakhstan Medical University" (Republic of Kazakhstan, Aktobe), Off-line participation);

Expert of IAAR – Imasheva Bagdat Sakenovna, Doctor of Biological Sciences, Professor, Advisor to the Chairman of the Board, National Public Health Center of the Ministry of Health of the Republic of Kazakhstan (Republic of Kazakhstan, Astana), Off-line participation;

Expert of IAAR – Kabyshev Asset Maratovich, PhD, NCJSC “ L.N. Gumilev Eurasian University ” (Republic of Kazakhstan, Astana), Off-line participation;

Expert of IAAR – Kasymov Askar Bagdatovich, PhD, NJSC “Shakarim University of Semey” (Republic of Kazak Expert IAAR Kulzhumiyeva Aiman Amangeldievna, PhD., West Kazakhstan University M. Utemisova (Republic of Kazakhstan, Uralsk), On-line participation;

Expert of IAAR, employer of the EEC - Yeseneev Olzhas Brimzhanovich, Master of Business Administration in Healthcare, State Institution Hospital with a Polyclinic of the Police Department of the North Kazakhstan Region (Republic of Kazakhstan, Petropavlovsk), On-line participation;

Employer - Expert IAAR - Pilipenko Yury Alexandrovich, International Association of Producers of Goods and Services "Expobest" (Republic of Kazakhstan, Almaty), Off-line participation;

Expert of IAAR student of the Higher Economic Commission - Kaybagarova Indira Boranbaevna, doctoral student, NCJSC "West Kazakhstan Medical University" (Republic of Kazakhstan, Aktobe), On-line participation;

Expert of IAAR, student of the EEC - Zhelubaeva Kainesh Turgunovna, master student, NCJSC "Astana Medical University" (Republic of Kazakhstan, Astana), On-line participation;

Expert of IAAR, student of the EEC - Orazayeva Bayan Bolatkalikyzy, master student of NCJSC "Semey Medical University" (Republic of Kazakhstan, Semey), On-line participation;

Expert of IAAR, student of the EEC - Tungyshov Sherkhan Zhasulanbekuly, student, Y. Altynsarin Arkalyk Pedagogical Institute (Republic of Kazakhstan, Arkalyk), On-line participation;

Expert of IAAR, student of the EEC - Shirinbek Beklan Saparalyuly, student, JSC "South Kazakhstan Medical Academy" (Republic of Kazakhstan, Shymkent), On-line participation;

Expert of IAAR, student of the EEC - Dildabek Turar Kanatuly, student, S.D. Asfendiyarova Kazakh National Medical University, (Republic of Kazakhstan, Almaty), Off-line participation;

Expert of IAAR, student of the EEC - Tirzhanova Sabina Erkinovna, doctoral student, NCJSC " K.I. Satpayev Kazakh National Research Technical University" (Republic of Kazakhstan, Almaty), Off-line participation;

Expert of IAAR, student of the EEC - Bagramova Asel Aidosovna, doctoral student, NCJSC " L.N. Gumilev Eurasian University " (Republic of Kazakhstan, Astana), On-line participation;

Expert of IAAR, student of the EEC - Kuzyakova Valentina Alekseevna, student of NCJSC "Medical University of Karaganda", (Republic of Kazakhstan, Karaganda), On-line participation;

Expert of IAAR, student of the EEC - Mustafina Mergul Oralbekovna, doctoral student of the S. Amanzholov East Kazakhstan University (Republic of Kazakhstan, Ust-Kamenogorsk), On-line participation;

IAAR coordinator – Dzhakenova Alisa Satbekovna, candidate of economics sciences, Head of Medical Projects of the Agency (Republic of Kazakhstan, Astana), Off-line participation.

(III) REPRESENTATION OF EDUCATIONAL ORGANIZATION

The Kazakh State University (KazGU) was established in 1934 on the basis of the Pedagogical Institute, as a result of the decision of the Council of People's Commissars of the Soviet Socialist Republic and the Kazakh Regional Committee of the All-Union Communist Party of Bolsheviks. In 1993, according to a special Decree of the President of the Republic of Kazakhstan, the university received a special status of an autonomous state university and was renamed the al-Farabi Kazakh National University (al-Farabi KazNU).

Today Al-Farabi Kazakh National University is a leading scientific, educational and innovation center where new knowledge, advanced ideas and technologies are created. The University strives to achieve the goals set forth in the Address of the First President of the country. One of these goals is to be included in the ranking of the best universities in the world, which implies a high quality of education and active participation in international research projects.

Al-Farabi Kazakh National University continues to demonstrate its high position in university rankings. In the QS World University Rankings for Eastern Europe and Central Asia (QS World University Rankings EECA 2022), the university takes an honorable 16th place. This confirms its excellence in the region and its contribution to scientific and educational achievements.

According to the study "Academic Ranking of World Universities-European Standard" (ARES), an authoritative European ranking, Al-Farabi Kazakh National University is the leader among all higher educational institutions in Kazakhstan. The university has been rated "AA" for its performance, which places it among the top European universities and far outperforms other Kazakh universities rated "A+" and below.

According to a study by the British agency "Times Higher Education", Al-Farabi Kazakh National University occupies the position 1001-1200. It is ranked 401-500 in Asia University Rankings and 351-400 in THE Emerging Economies Rankings. This confirms the international recognition of the university and its active participation in research projects that contribute to the development of the region and the country as a whole.

A particularly important achievement for al-Farabi Kazakh National University is its position in the QS Graduate Employability Rankings, where it became the first university in Central Asia to rank 201-250 out of 550 universities. This testifies to the high preparation of students and their successful integration in the labor market.

In 2020, Al-Farabi Kazakh National University was awarded three nominations for the prestigious "Leader of Science" award provided by the authoritative Web of Science database. Five scientific journals of KazNU are included in international databases, including those on Medicine (Interdisciplinary Approaches to Medicine), which confirms their importance and reputation in the international scientific community.

The total h-index, which reflects the scientific productivity and citations of scientists associated with the university, is more than 2,700. This testifies to the high level of scientific achievements and vigorous scientific activity carried out by the scientists of Al-Farabi KazNU.

Such results confirm that al-Farabi Kazakh National University occupies a leading position among higher educational institutions in Kazakhstan and is one of the leading universities in Europe.

In 2015, the Al-Farabi Kazakh National University decided to establish the Faculty of Medicine with the aim of actively contributing to the development of the healthcare and medicine system in Kazakhstan, as well as striving to achieve a high international level in the field of life sciences.

The Faculty of Medicine of KazNU offers the training of healthcare professionals at various levels of educational programs, striving to meet international standards and take into account the latest scientific achievements.

The faculty offers bachelor's, master's and doctoral programs, and also provides an opportunity for additional professional education for business representatives and specialists from

various fields and sectors involved in the development, promotion and implementation of programs aimed at improving and maintaining health.

In 2018, the Higher School of Medicine was opened as part of the Faculty of Medicine and Health Care, which began the development and implementation of EP in clinical specialties - "General Medicine", and since 2019 - "Dentistry". In 2022, the Department of Dentistry was formed (separated into a separate department).

Thus, the Faculty of Medicine of Al-Farabi KazNU plays an important role in the development of healthcare, medicine and pharmaceuticals in Kazakhstan, offering quality education and up-to-date knowledge in this area, taking into account modern requirements and international standards.

Table 1 - Teaching staff EP 7M10102 Public health

	Average age	Teaching staff with academic degrees and titles (%)	Work on station:			Have an academic degree				Academic title	
			1,0	0,5	0,25	master	CMS	DMS	PhD	Профессор	Assistant professor
The main staff of the teaching staff (Department of Epidemiology, Biostatistics and Evidence-Based Medicine)	46	12	7	-	-	-	2				6
General teaching staff	15	100%	7	-	-	-	7		5	1-	7

Table 1 – Information about EP 7M10102 Public health

Level/period of study	Postgraduate education Master's degree / 2 years
Language of instruction	Kazakh, Russian, English
Structural unit (head)	Faculty of Medicine and Health / Higher School of Public Health Danियarova Anar Bakhitkereeovna, Director of the Higher
The main specialized department is the Department of Epidemiology, Biostatistics and Evidence-Based Medicine, the head of the department is Saltanat Apbasovna Mamyrbekova. Doctor PhD, acting associate professor Saltanat Apbasovna Mamyrbekova, Head of the Department of Epidemiology, Biostatistics and Evidence-Based Medicine, Doctor PhD, acting associate professor	

Number of ECTS credits	120
Duration of study (number of semesters), form of study	2 years (4 semesters), full-time study
Requirements for applicants	<p>The applicant must have completed higher education in accordance with the table of correspondence of specialties of the previous level of education.</p> <p>Confirm proficiency in a foreign language in accordance with the Common European Framework of Reference for Foreign Languages or CT results in a foreign language and must have a threshold score.</p> <p>For studying in English - level of English proficiency - at least B1</p>
Opportunities for further education (upon completion of the program)	Training in doctoral programs, preparation and retraining, etc..
Objectives of the EP:	Training of highly qualified specialists who are ready to carry out professional activities in practice and scientific and pedagogical activities in the system of higher medical education, with in-depth professional training in the field of public health.
Learning outcomes	<p>As a result of training, the graduate must develop competencies in accordance with the requirements of the State Educational Standard of the Republic of Kazakhstan</p> <p>The final results of the training are the preparation of specialists of high professional competence in the field of postgraduate medical education, possessing global skills to generate advanced scientific ideas in the field of education, science and healthcare, capable of interacting in the conditions of the new economy, having a broad outlook and creative thinking.</p>
Tuition fee	<p>850,000 tenge</p> <p>For foreign citizens 2347000 tenge</p> <p>Persons of Kazakh nationality who are not citizens of the Republic of Kazakhstan are accepted at Kazakh prices</p>

Training of students in 7M10102 “Public Health” is carried out in accordance with the current legislative and legal acts of the Republic of Kazakhstan, agreed with the Development Program of KazNU named after. al-Farabi, with the mission, vision and strategy of the university.

(IV) DESCRIPTION OF THE EEC

The work of the EEC was carried out on the basis of the Program of the visit of the IAAR / IAAR expert commission as part of the specialized accreditation of educational programs from 15 May to 17 May 2023.

In order to coordinate the work of the EEC on 05/12/2023. an introductory meeting was held, during which powers were distributed among the members of the commission, the schedule of the visit was specified, and agreement was reached on the choice of examination methods.

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

Meetings of the EEC with the target groups were held in accordance with the revised program of the visit, in compliance with the established time period. The staff of the University ensured the presence of all the persons indicated in the program of the visit.

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, interviews were conducted in a hybrid format with vice-rectors, heads of structural divisions, deans, heads of departments, teachers of departments, students, employers, a survey of teachers was conducted and students. In total, 37 people took part in the meetings on 7M10102 “Public Health” (Table 4).

Table 2 - Information about employees, students, employers, graduates who took part in meetings with the EEC IAAR / IAAR

Category of participants / number							
University management vice-rector	Heads of structural departments	Deans	Teaching staff	Heads of the EP, heads of departments	Students	Employers	Graduates
2	18	1	4	3	6	2	1

According to the program of the EEC visit, an on-line and off-line tour of the university was also held, during which the experts visited: the building of the Faculty of Medicine and Health; Student Service Center "Keremet"; the situation center; al-Farabi Library.

In accordance with the accreditation procedure, an on-line survey of teachers and students was conducted. According to the results of a survey of teachers, in which 85 people took part, it was revealed that 100% of respondents noted that they were satisfied with the content of the educational program, the opportunities for continuous development of potential, advanced training, the opportunity to actively apply their own teaching methods in the educational process. All the respondents answered that the library had the necessary scientific and educational literature. Many respondents are satisfied with the support of the management, both in terms of the development of new educational programs and motivational approaches. In general, the overwhelming majority of respondents answered positively to all questions of the questionnaire and believe that this is an actively developing university with great growth opportunities and conditions for both teachers and staff, and for students.

A survey of 91 undergraduate and doctoral students was conducted. According to the results of the survey, 80-83.5% of respondents are satisfied with the level of accessibility of library resources and the quality of services provided in libraries and reading rooms, 67% with the level of accessibility of the dean's office, academic counseling, educational materials in the learning process, the usefulness of the website of the educational organization in general and on faculty, 68% availability of medical services.

As part of the planned program, recommendations for improving the activities of the university, developed by the EEC based on the results of the examination, were presented at a meeting with the leadership and heads of structural divisions of KazNU on 17.05.2023.

(V) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

The previous accreditation of the educational program "6M110200 – Public Health" in the scientific and pedagogical direction was carried out by the international agency ASIIN for a period of 5 years.

(VI) COMPLIANCE WITH SPECIALIZED ACCREDITATION STANDARDS

6.1 Standard "Mission and Deliverables"

Evidential part

The University operates on the basis of the Charter, Decree of the Government of the Republic of Kazakhstan No. 516 dated July 25, 2022 of Al-Farabi KazNU on the status of a research university, Policy, Development Program for 2022-2026 (<http://www.kaznu.kz/ru/14960/page>), local regulations developed in accordance with the regulatory and strategic documents adopted in the Republic of Kazakhstan.

The mission of the NAO Al-Farabi KazNU is presented on the website <https://www.kaznu.kz/ru/14960/page/>: together with the purpose of the university, is accessible, all interested parties are familiar with, have information about the general mission of the university, distributed in paper form to all structural divisions of the university, posted on information stands of departments, published in reference books and booklets of the admissions committee.

The mission of OP 7M10102 - "Public Health": training qualified competent specialists ready to carry out professional activities in the field of public health, capable of applying scientific and pedagogical approaches in practice, was discussed by the team of authors: teaching staff, representatives of practical health care, students, graduates and approved at the Academic Council of KazNU (link: <https://kaznu.kz/>).

The main educational activities of the university are regulated by the following regulatory documents:

Law of the Republic of Kazakhstan "On Education" dated July 27, 2007 No. 319-III, (with changes and additions as of 01/01/2021)

State program for the development of education and science of the Republic of Kazakhstan for 2020-2025, approved by Decree of the President of the Republic of Kazakhstan dated December 27, 2019 No. 988

State program for the development of healthcare of the Republic of Kazakhstan "Salamatty Kazakhstan" for 2020-2025, approved by Decree of the President of the Republic of Kazakhstan dated December 26, 2019 No. 982

Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 13, 2018. No. 569 "On approval of the Classifier of areas of training for personnel with higher and postgraduate education" (with amendments and additions as of 06/05/2020)

Order of the Ministry of Education and Science of the Republic of Kazakhstan No. 269 dated June 14, 2019 “On amendments to the Order of the Ministry of Education and Science of the Republic of Kazakhstan dated October 31, 2018. No. 600 “On approval of the Standard Rules for admission to training in educational organizations implementing educational programs of higher and postgraduate education”

Code of the Republic of Kazakhstan “On the health of the people and the healthcare system” dated July 07, 2020

Order of the Minister of Education and Science of the Republic of Kazakhstan “On additional measures to ensure the quality of education during the transition of the educational process to distance learning technologies during the COVID-19 coronavirus pandemic” dated April 8, 2020 No. 135.

Order of the Ministry of Health of the Republic of Kazakhstan dated February 21, 2020 No. KR DSM-12/2020- “On approval of state mandatory standards and standard professional educational programs in medical and pharmaceutical specialties” State Educational Standards 2020.

Order of the Ministry of Health of the Republic of Kazakhstan “On approval of the rules for assessing scientific and pedagogical personnel of scientific organizations and educational organizations in the field of healthcare, rules for assessing knowledge and skills of students in medical education programs” dated April 23, 2019 No. KR DSM-46

Development program of the Al-Farabi KazNU for 2022-2026.

Graduates of the master's degree educational program in the specialty: 7M10102 “Public Health” are given the right to enter doctoral studies on a competitive or paid basis. The quality of training of university graduates is analyzed annually through a survey by the Center for Sociological Research.

According to the results of the survey, university graduates confirm the prestige of their university: demand, competitiveness of graduates, compliance with qualification characteristics, sufficient level of professional knowledge, skills and practical skills, ability to work in team, leadership abilities of graduates, readiness for self-improvement, their communication skills, etc.

Al-Farabi KazNU systematically assesses the state of affairs and prospects for the development of the university, analyzes the strengths and identifies weaknesses of the activities, develops corrective measures for improvement, on the basis of which the University Development Program is subsequently formed. Thus, the mission and goal of Al-Farabi Kazakh National University correspond to the development program and policy of the university, contribute to the development of innovative technologies, training of specialists focused on the needs of the economic and social development of the country, internationalization of education and harmonization with international high-ranking universities.

Analytical part

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

The mission of the university, strategic goals, reports are published on the website <https://www.kaznu.kz/ru/20518/page/>.

The university’s passage of the accreditation procedure for educational activities confirms the activities of the EP “Public Health” within the framework of the current educational standards of the Republic of Kazakhstan and the international accreditation standards of the IAAR. To implement the EP in the specialty “Public Health”, the University has the material and technical base: lecture halls, classrooms, laboratory rooms, a room for teachers and assistants, a room for professors and associate professors, offices for heads of departments, computer classes that comply with current fire regulations and standards, and ensuring all types of training for students.

Lecture halls are equipped with the necessary technical support. Collection of electronic library of its own generation with a full-text database. (<http://elibrary.kaznu.kz/ru>). Classic reading

room with an area of 1850 m² for 800 seats. (<http://elibrary.kaznu.kz/ru/node/81>) and electronic resources library website (<http://elib.kaznu.kz/>). Thus, the available resources and capabilities of the university meet the market requirements.

Electronic information resources are presented: information and software complex “Univer.kaznu.kz” (UNIVER), subsystem “Management of educational and methodological support” designed for downloading and viewing UMKD files, syllabuses, educational literature, links to electronic information resources; The information and analytical system “Science” is integrated with the UNIVER system. Univer2.0 integrates the al-Farabi electronic library system, so the student can log into it from a single personal account, the MOODLE portal.

NJSC Al-Farabi KazNU uses institutional autonomy in matters of formulation and implementation of University Policy, development of EP, assessment of personnel recruitment, and conduct of scientific research. The educational program in the specialty is developed, implemented and monitored with the participation of all interested parties, the preparation of the educational program is ensured through the procedure for reviewing and approving these programs at the department meeting, the Academic Committee of the school, the Faculty Academic Council, the Academic Council of Al-Farabi Kazakh National University, which is confirmed by the minutes of the meetings at appropriate levels.

Members of the EEC note that at meetings with focus groups of teaching staff on the EP “Public Health”, students confirmed the delivery of the university’s mission through the official website <https://www.kaznu.kz/ru/14960/page/>, in general could formulate the mission of the OP in their own words. Focus groups of employers and graduates at meetings with members of the EEC responded that they knew about the existence of the mission of the University and the EP, that they were posted on the website, but they themselves did not take part in its formation. It should be noted that the mission of the EP “Public Health” is presented in the self-assessment report, but is not in the EP’s passport or on the website in the corresponding tabs, which complicates the process of communicating them to all interested parties.

Strengths/Best Practice

There are no strengths for this standard.

EEC recommendations

To the management of the OP. Harmonize the missions of educational programs: 7M10102 “Public Health” in the EP passport and on the website in the appropriate tabs, in order to bring them to all interested parties’ deadline: August 2023.

EEC conclusions according to the criteria: strong positions – 0, satisfactory – 11, suggest improvement – 1, unsatisfactory – 0.

6.2. Standard "Educational program»

Evidential part

Educational activities in the specialty: 7M10102 “Public Health” are carried out on the basis of the State Educational Standards-2020 (Order of the Ministry of Health of the Republic of Kazakhstan dated February 21, 2020 No. KR DSM-12/2020) built on the basis of general scientific knowledge. According to the State Educational Standard of the Republic of Kazakhstan, the educational program in the specialty: “Public Health” is implemented using a credit system, within 2 years with the award of an academic degree - Master of Medical Sciences in the 7M10102 “Public health”.

Content, scope and sequence of courses in the educational program strictly comply and provide training in three areas:

- Teacher in the specialty “Public Health”

- Researcher in the specialty “Public Health”
- Expert (auditor), health care organizer.

The educational program has a modular structure, which is reflected in the curricula, academic calendar, syllabuses of disciplines and practices (self-assessment report, Google electronic documents drive.google.com/drive/folders/18RhWMameWMqpezlhHiaIKJoRnHVI9psU?usp=share_link).

The university has developed: The procedure for conducting and monitoring training sessions, Rules for conducting final control, Regulations on master's theses, a program of research practice in the master's degree in the specialty "Public Health", approved and posted on the university website, were available to members of the EEC.

EP 7M10102 “Public Health” is implemented using the following educational activities and educational methods: practical (laboratory) classes: oral questioning, work in small groups, testing, discussions, presentations, feedback, working with professional literature, searching for information on the Internet, discussion results of completing individual and group assignments, completing projects, writing essays.

(EP) 7M10102 “Public Health” is published by posting various information materials on the information and software complex “Univer.kaznu.kz”.

The curriculum is presented in 6 modules, including theoretical training, a cycle of basic disciplines, and a university component. All educational disciplines of the EP are closely interconnected. The approved curriculum was presented to the members of the EEC, protocol of the Academic Council of the university No. 8 dated April 27, 2020. In order to form a holistic worldview and integrate knowledge of basic and specialized disciplines into the educational process, practice-oriented innovative teaching methods have been introduced: video lectures, guest lectures from practical healthcare specialists, case studies (CASE-STUDY), electronic interactive learning tools are used in the form of: web conferences, online seminars and webinars via ZOOM, Google meet, Teams and MOODLE platforms.

The EP includes training of undergraduates in special skills: critical thinking, assessment of medical technologies, management psychology, methods and models of decision-making in healthcare management, global health and public health systems. Each master's student has an individual curriculum and an individual work plan; during the visit, the experts selectively familiarized themselves with the IUP (Desyatnichenko A.V., Ramazan A.K.). The EP provides for the following types of internships: professional, industrial, research, pedagogical, which are carried out according to the calendar plan. Pedagogical practice is carried out by conducting classes at the undergraduate level at the Department of Fundamental Medicine, where the master's student conducts the following types of work: seminars and educational activities; attend lectures by teachers and curator; compiles test questions; develops situational tasks and cases; prepares presentations; during interviews, undergraduates noted that they had practical experience, which had a positive role in conducting classes. The scientific internship took place at the RSE at the REP "Kazakh Scientific Center for Quarantine and Zoonotic Infections named after Masgut Aikimbaev." When approving the topics of master's theses, students got acquainted with the portfolio of future leaders, compared them with their existing skills and capabilities, as well as familiarized themselves with the latest research results in related, borderline fields of science. Most of them had scientific potential and practical work experience; with the general direction of the scientific supervisor, they determined topics and went through the approval procedure in the first 2 months after enrollment.

Role-playing games - as a teaching method, which are used in the study of core disciplines such as: “Politics, Economics and Management in Health Care” and “Biostatistics and Epidemiology”, “Ecological Epidemiology”, etc. allow students to simulate management decisions in various situations.

Elective disciplines are reviewed and approved, which have a pronounced professional orientation and are focused on the needs of the labor market. Every year, a catalog of elective disciplines is formed and placed on the information and software complex “Univer.kaznu.kz”.

The general management of the faculty is carried out by an elected representative body - the Faculty Council. The Council includes the dean of the faculty, deputy deans, heads of departments, the student dean, and a representative of SMU (19 people in total).

Feedback is provided to the teaching staff and students of the university. They have the opportunity to participate in the evaluation and subsequent improvement of the educational program on a regular basis through various feedback channels. At the university, at the Faculty of Medicine and Health, constant work is carried out on employment and to determine the satisfaction of internal and external consumers of the university. The results of feedback are analyzed and discussed at meetings of departments, dean's office, AC and AS. For feedback, the blog of the rector and dean of the faculty is used, where students and university staff receive answers to their questions regarding the conditions for the implementation of the educational program.

Analytical part

During the visit, experts carried out a detailed analysis of the accredited EP 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 EP educational process. The content and form of the EP, decisions made by the management of the EP are consistent with the strategic documents of the university and the regulatory documents of the Republic of Kazakhstan. The university has adopted and approved a unified form of content for educational documents: EP, syllabus, QED and others. The university has budget funding at its disposal and is able to attract funds from the commercial activities of the university for the implementation, improvement and training of teaching staff within the framework of the EP.

The management of the university and EP not only declares the involvement of stakeholders in the development of educational programs and evaluation of its effectiveness, but also involves them in the work, which was confirmed at meetings with focus groups. The educational program within the elective disciplines is reviewed and updated taking into account the needs of the labor market and the requirements of employers. To identify employers' requests, a round table and a job fair are held annually, during which a survey and discussion are conducted.

A lot of work is carried out with employers in order to optimize, quality employment and motivate future graduates, attracting them to work. The scientific component of the educational program is implemented through the following disciplines: "Introduction to the science of public health", "Methodology of scientific research" within the framework of which projects are carried out on given topics in subgroups. During the interview, master's students noted the importance of the existing journal club (discussion of articles from periodicals in specialized disciplines), analytical reviews, writing articles, essays, resumes, portfolios, etc. Master's students of the EP supervise the work of the student group "Public Health" of the department at the undergraduate level.

Members of the EEC were given an order to secure scientific supervisors and topics for master's theses (Order No. 4144 b/a dated October 27, 2022), which were approved by the Academic Council of the faculty and the university. According to Article 180 of the Code of the Republic of Kazakhstan "On the health of the people and the healthcare system", if necessary, an ethical assessment of research materials is a mandatory condition for conducting clinical trials of pharmacological and medicinal products, medical devices and medical equipment, through the local ethics committee of the university.

The assessment of the educational achievements of master's students, provided for in the curriculum by intermediate and final certification, is carried out using various forms of control and certification. The academic policy of the university provides for an appeal system in order to implement the principles of academic integrity and transparency of the organization, which is regulated by Order No. 226 of April 24, 2023, and is brought to the attention of all undergraduates, academic advisors and other interested parties.

A number of graduates of the master's program work at the department as teaching staff, employment is 100%.

From the survey conducted, 64.8% were satisfied with the quality of curricula, teaching methods and speed of response to feedback from teachers on issues of the educational process; conducted tests and exams -61.5%, which indicates further improvement.

Thus, at present, according to 7M10102 "Public Health", functions are distributed between the structures responsible for managing educational programs, taking into account the representation of students, teaching staff, employers, and other interested parties. The educational program is assessed by interested parties as internal parties, which makes it possible to adjust the EP and make certain changes.

Strengths/best practice

There are no strong points for this standard.

EEC recommendations

Not according to this standard.

EEC conclusions according to the criteria: strong positions - 0, satisfactory - 18, suggest improvements - 0, unsatisfactory - 0.

6.3. Standard "Assessment of students"

Evidential part

The Faculty of Medicine and Health carries out constant monitoring of EPs in order to increase their effectiveness and quality of implementation on the basis of local regulations. Based on the data obtained, the educational program is adjusted taking into account the main priority areas in education by the structural units responsible for their implementation - the Academic Committee. The Advise student support center advises students on academic issues and academic mobility throughout the entire academic period.

The Academic Committee analyzes the success of the educational process in the EP, and develops proposals for corrective measures (improving curricula and educational programs, improving the training of teachers and other personnel, as well as information, material and other support).

The university has implemented a system for collecting and analyzing consumer feedback through internal and external monitoring by the Center for Sociological Research. Feedback with consumers is maintained in each structural unit through questionnaires, etc., additionally, the placement of boxes for complaints and suggestions in educational and laboratory buildings is used.

In order to obtain feedback, a system of questioning students on the quality of practice organization and conditions at bases is widely used to master the real volume of necessary practical skills. To master practical skills, the faculty has over 50 agreements with clinical sites, 10 of them are branches of the department in an accredited specialty. The faculty uses the feedback results to improve and update the educational program and encourages teaching staff and undergraduates to take part in activities to evaluate educational programs and in the subsequent improvement of the program.

Monitoring and evaluation of the quality of the educational program includes feedback from employers, employees of other specialized educational institutions, feedback on the quality of training and work of graduates, satisfaction of students and graduates with the organization of the educational process and the curriculum. Many changes in the planning and organization of the educational program were made based on the results of the survey. The results of the survey are

heard at a meeting of the departments and the Faculty Academic Committee to take corrective actions.

The presented documents of the university state that, at the initiative of the university management, measures are constantly being taken to prevent conflicts of interest, and the regulatory framework is also being improved. Meetings between undergraduates and the dean of the faculty are held.

The openness of the EP monitoring process and its results is ensured by the availability of all the various reports and analyzes in the “Univer” system.

Analytical part

Having analyzed the work of the EP according to this standard, the commission notes that the university has a system for assessing EP, based on the use of a variety of methods for collecting, processing and analyzing information in the context of the EP and the University as a whole. Data is provided indicating the involvement of teaching staff, students and university staff in the process.

The assessment procedure for EP in the specialty: 7M10102 “Public Health” covers knowledge, skills, attitudes and professional behavior. At the same time, the assessment methods presented to the EEC members are not open and accessible to all interested parties. During the visit, members of the EEC were presented with a checklist only for the discipline: “Epidemiology and evidence-based methods in healthcare.” The assessment criteria using a point system should be clearly defined and not raise additional questions, both from students and from evaluators, including external experts. The assessment of completed assignments by undergraduates must include all types of work (essay, project, presentation, oral and written response, etc.) and in all disciplines. In this regard, it is recommended to develop methods for assessing undergraduates in all disciplines and for all types of work performed, approve them by the appropriate collegial body, and provide external expertise.

When analyzing educational achievements, an Alternative Examiner was introduced into practice, who is an independent person who assesses the level of knowledge and mastery of learning outcomes by undergraduates. The preparation of abstracts has been canceled as an SRM at the faculty; instead, the defense of a project, writing an essay, etc. are included as part of the dissertation work. During interviews with representatives of employers, their participation as an examiner was confirmed, and the competencies and skills of students were assessed. With the involvement of employers, CIS, legal regulations, and changes in the content of specialized disciplines are discussed, taking into account the needs of practical healthcare.

To ensure timely, fair feedback from students, a survey of undergraduates, employers and graduates was conducted, both using information and communication technologies and in traditional formats (paper questionnaires, oral conversation), which was confirmed by focus group participants. The results, which contain an assessment of educational programs, are heard at extended meetings of the faculty council with the participation of heads of practical healthcare organizations.

At meetings with focus groups of teaching staff and undergraduates, when asked what active learning methods are used, both groups gave convincing answers and gave examples of the forms of teaching used (CBL, PBL TBL and others) in specific disciplines.

Members of the commission note that feedback to stakeholders on improving the quality of the EP, measures taken, and suggestions from stakeholders taken into account is not organized clearly enough, which was confirmed by graduates, master’s students, and employers.

Thus, in general, monitoring of educational and other processes is carried out, for which appropriate procedures and regulations have been developed. Experts consider it advisable to develop methods for assessing undergraduates in all disciplines and for all types of work performed.

Strengths/best practice

There are no strong points for this standard.

EEC recommendations

To the management of the EP. Develop methods for assessing master's students in all disciplines and for all types of work performed (essay, project, presentation, oral and written response, etc.), approve by the appropriate collegial body, while ensuring external examination (clause 3.1.4). Deadline: September 2023

EEC conclusions according to the criteria: strong positions - 0, satisfactory - 9, suggest improvements -1, unsatisfactory - 0.

6.4. Standard "Students"

Evidential part

The policy and criteria for admission to master's programs correspond to the mission of KazNU and are carried out on the basis of an application to the Ministry of Education and Science of the Republic of Kazakhstan based on the need of the university, universities, scientific centers (research institutes) for masters in the specialty: "Public Health" of a scientific and pedagogical direction. The procedure for admitting citizens to master's programs in the specialty: 7M10102 "Public Health" is carried out in accordance with the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 600 "On approval of the Standard Rules for admission to training in educational organizations implementing educational programs of higher and postgraduate education" and Order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated December 15, 2022 No. 189 "On amendments to the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 600 "On approval of the Standard Rules for admission to training in educational organizations implementing educational programs of higher and postgraduate education" and clause 2.7 of the Academic Policy of KazNU. Applications are accepted by the admissions committee and (or) through the NCT information system, taking into account all requirements for the master's level (availability of prerequisites and the previous level of bachelor's degree; in the absence of prerequisites, the applicant for master's degree is allowed to master them on a paid basis before the start of the academic year in accordance with the academic calendar).

Applicants entering the scientific and pedagogical master's program take a comprehensive test, a foreign language, a test on the profile of groups of educational programs (Biostatistics, Public Health), a test to determine readiness for elective training in Kazakh or Russian. In the presence of international certificates confirming the master's degree applicant's foreign language proficiency in accordance with the pan-European competencies (standards) of foreign language proficiency, are exempt from the CT foreign language test.

In order to ensure compliance with uniform requirements and resolve controversial issues when assessing test tasks, protect the rights of applicants during the testing period, a Republican Commission is created to review appeals, approved by Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 600. Enrollment of applicants in scientific- pedagogical ones are presented on the university website <http://www.testcenter.kz/ru/postupayushchim-v-magistraturu-i-doktoranturu/priem-na-obuchenie/prisuzhdenie-obrazovatel'nogo-granta-dlya-pvo/index.php>. Master's studies for foreigners are provided on a paid basis.

KazNU conducts career guidance work on an ongoing basis: "Open Day", detailed information is presented on the official website of the University in the section "Applicants - Master's Degree" by calling the call center, email international@kaznu.kz.

The Career and Professional Development Center of KazNU provides support for the employment of graduates, 100% of graduates are employed in the specialty: 7M10102 “Public Health”. The corporate portal “Youth and Career” is available for graduates to post their resumes. Exemption from service is carried out in the manner prescribed by the legislation of the Republic of Kazakhstan; the Career and Professional Development Center informs Financial Center JSC about the fulfillment of the obligations of master's degree graduates for 3 years. Questionnaires/reviews of graduates and employer organizations are presented by Univer PRO KazNU 710-20.

For admitted master's students, an “Orientation Week” is held (familiarization with the academic policy of Al-Farabi Kazakh National University, the Code of Honor, Regulations on Students, internal regulations, Curriculum and educational program), excursions around the faculty, around the university campus: CES “Keremet” , youth internet center, library, museum. To form an IEP, the heads of graduating departments, together with program coordinators and those responsible for master’s programs, organize preliminary methodological and advisory work on the issues of students’ choice of disciplines. Students are informed about professional career issues by the services of the Keremet Student Service Center, such as the International Academic Mobility Sector and the Career and Professional Development Center.

Analytical part

The university has a policy for admitting and recruiting students for the educational program of the specialty: 7M10102 “Public Health”. Training is possible at the expense of the state budget, and within the framework of contracts for the provision of paid educational services. Transparency of the admission procedure is achieved by informing applicants and their representatives of the State Examination Committee on the official website of the university <http://www.testcenter.kz/ru/postupayushchim-v-magistraturu-i-doktoranturu/priem-na-obuchenie/prisuzhdenie-obrazovatel'nogo-granta-dlya-pvo/index.php>

Analysis of the data presented in the self-assessment report shows an annual stable enrollment for 2020-2022 (p. 66) of 13-12 people, in the 2022-2023 academic year 3 people.

At the university, the implementation of the educational program is carried out on the basis of 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. Currently, the faculty has 3 first-year master's students and 12 people are completing their studies.

The transfer and reinstatement procedure is reflected in the University Academic Policy.

The university has created and operates a regulatory framework to support and protect the rights of students. There are various scholarship programs and financial incentives, for example, 2nd year master's student of the Public Health Program Baltabay Bekbolat is the owner of a scholarship established by the President of the Republic of Kazakhstan. There is a language club for undergraduates who speak several foreign languages.

There are active student organizations that take part in the discussion and evaluation of educational programs, as well as the cultural and social life of the university.

The University pursues a policy of balanced enrollment of undergraduates, taking into account ethnic origin and other social requirements. The number of undergraduates admitted to the university is planned taking into account the total area of teaching and laboratory premises, the availability of teaching staff, the provision of educational, methodological and scientific literature, and the availability of social and living conditions for training.

At the Palace of Students named after. U. Zholdasbekov has a variety of amateur artistic circles: dance, theater, vocal, orchestra circles including “Bakhyt”, student drama theater “BIZ”, Orchestra of folk instruments “Farabi Sazy”, which contribute to the cultural development of students. The university has various sports sections, and there is a sports and recreation camp located on the coast of Lake Issyk-Kul, in the Kyrgyz Republic. On the territory of the camp there is a 5-story building with 361 sleeping places.

At KazNU, there is student self-government in the Keremet Educational Center, a Social Psychological Service, a discussion club “Ozat Oy”, and a Professional Discussion Club; all these services help protect the rights and interests of students.

During the interview, the undergraduates noted the importance of the faculty’s journal club, where they were able to analyze scientific articles and learned public speaking and public speaking skills.

Information about the demand for graduates and the quality of educational programs was confirmed through interviews with employers and graduates, who confirmed a good level of training, learning conditions, support, material resources, extracurricular activities, and participation in university management bodies.

Thus, the master's students noted the high concern for students as part of the teaching staff and the university administration, which was especially affected during the period of distance learning in COVID-19.

Strengths/best practice

There are no strong points for this standard.

EEC recommendations.

Not according to this standard.

EEC conclusions according to the criteria: strong positions - 0, satisfactory - 17 suggest improvements - 0, unsatisfactory - 0.

6.5. Standard "Academic Staff/Teachers"

Evidential part

The policy of recruitment and selection of academic staff at the university is carried out in accordance with the Strategic Plan of the Higher School of Public Health “Creation of a new model of a medical school in the system of higher medical education, which meets the requirements of the international educational environment and the needs of the national health care system”; “Qualification requirements for educational activities and a list of documents confirming compliance with them” (Order of the Ministry of Education and Science of the Republic of Kazakhstan dated 06/05/2020 No. 231); “Model rules for the activities of educational organizations of relevant types” Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 30, 2018 No. 595; “Regulations on the teacher of KazNU named after. al-Farabi”; “Rules for competitive filling of positions of teaching staff of NAO KazNU named after. al-Farabi”; “Code of Corporate Culture of Teachers and Employees of KazNU named after. al-Farabi”; Academic Policy and University Development Strategy; Regulations of departments and job descriptions of teaching staff of KazNU named after. al-Farabi; The Code of the Republic of Kazakhstan “On the health of the people and the healthcare system”, the Labor Code of the Republic of Kazakhstan, the Charter, the Collective Agreement of the University and other regulations.

The selection and formation of teaching staff, educational and support staff is carried out at the expense of our own personnel by training undergraduates in areas of activity and attracting new employees from outside.

Recruitment, incentive and reward policies have helped to define the responsibilities and balance of academic staff/faculty in basic health sciences, behavioral and social sciences and clinical sciences for adequate implementation of the educational program. The ongoing personnel policy allows us to maintain a balance between medical and non-medical teachers and between full-time and part-time teachers.

In an interview, teaching staff told members of the EEC about incentive measures for conducting scientific activities, including publication activity in high-ranking journals, conducting

classes in a foreign language, publishing educational and methodological literature, academic mobility, and advanced training.

The department responsible for the EP 7M10102 “Public Health” is Epidemiology, biostatistics and evidence-based medicine with a staff of 30 people, of which 7 employees in an accredited specialty are 100% graduated, of which 90% have been trained in active learning methods in medical education and assessment methods and 80% speak a foreign language.

The activities of the teaching staff are assessed by the implementation of an indicative plan, including 48 indicators in four areas: educational and methodological work, research work, social and educational work and indicators for reputational assessment (<https://univer.kaznu.kz>).

At KazNU named after. al-Farabi, competitions are held: “The best educational and methodological complex of the discipline”, “The best lesson in a distance format” (during a pandemic).

For workers with different life situations, measures of material support are provided for the trade union committee and administration.

Analytical part

The university has developed and implemented a policy for the recruitment and admission of teaching staff, which determines the required experience, criteria for scientific, educational, pedagogical and methodological achievements, including the balance between teaching, scientific activities and specialist qualifications, their responsibility, the duties of employees, which is confirmed by documents at the state and local levels: <https://www.kaznu.kz/ru/14960/page/https://www.kaznu.kz/ru/14960/page/>.

The main objectives of personnel policy are the selection of highly qualified specialists; ensuring professional growth through a system of continuous professional development and professional competence; maintaining the optimal age composition of departments; providing conditions for the development of teaching materials and scientific products; responsibility and balance of the teaching staff for adequate provision of the educational program, including the proper balance between medical and non-medical teachers, as well as between full-time and part-time teachers, whose responsibilities are defined in the relevant documents (“Regulations on the Department” dated April 1, 2022, job descriptions of teaching staff).

During a visual inspection and interview, teaching staff of the specialty: 7M10102 “Public Health” noted their commitment to organizing the implementation of the EP, noted the availability of the faculty leadership to resolve all issues of interest. It was not possible to analyze the survey conducted during the external visit because Teaching staff in the accredited specialty did not participate (Appendix to the report 3.)

The educational work of teaching staff is carried out according to the teaching load, and is organized in such a way that teachers have the opportunity to engage in all types of activities - methodological, scientific, educational, social, etc.

The scientific work of teachers is carried out in accordance with the plans of scientific work of departments and courses, individual plans of teachers, and annual work plans of the department.

During interviews at the level of structural divisions, heads of departments (the head of the department responsible for the implementation of the accredited EP was absent during the period of undergoing the external audit procedure due to illness), deputy. Head The department of EP, teaching staff confirmed the reward system based on the results of implementation, bonuses for employees for publications in journals indexed in Scopus and Web of Science and a reduction in the teaching load by 45 hours for one article that meets the requirements. The Commission noted this procedure as a strength of the implementation of the EP.

Currently, the departments implementing the EP Public Health are fully staffed with highly qualified personnel with basic education (Doctor of Science, Candidate of Science, Master of Public Health, Associate Professors). Advanced training of teaching staff is carried out in accordance with the Regulations on additional vocational education.

During the reporting period, highly qualified specialists from practical healthcare with higher and first qualification categories and academic degrees were involved in teaching in core disciplines.

EEC experts note that based on the results of interviews with teaching staff students, analysis of the content of silabuses, active teaching and learning methods are used in the educational process, such as TBL, PBL, RBL, project-based learning, etc. Scientific directions of the Department of Epidemiology, Biostatistics and Evidence-Based Medicine are: disease prevention and health promotion, school medicine, determining the productivity of doctors and compensation, obesity and national health policy, life expectancy and a new look at aging, the problem of aging, etc. EPs were developed on their basis, have their own uniqueness and teaching staff received copyright certificates: 7M101 Healthcare, curriculum of the educational program 7M101 Epidemiology No. 11566 dated July 10. 2020, Advanced training program/certification course No. 32730 dated February 16, 2023.

The information provided by the university on this standard allows us to conclude that the qualitative and quantitative composition of the university's teaching staff ensures the full organization and conduct of the educational process, the training of specialists in EP 7M10102 "Public Health" meets the requirements of the standard.

Strengths / best practice

Based on the implementation of the indicative plan, a system of motivation for teaching staff teaching classes in English has been introduced (using a coefficient of 1.5; reducing the teaching load by 45 hours for 1 article in Scopus and Web of Science).

EEC recommendations

not according to this standard.

Conclusions of the EEC according to the criteria:

strong positions - 1, satisfactory - 8, imply improvement - 0, unsatisfactory - 0.

6.6. Standard "Educational Resources"

Evidential part

The implementation of 7M10102 "Public Health" is carried out on the basis of a sufficient material and technical base that complies with the current rules and regulations, ensuring all types of disciplinary and interdisciplinary training, practical and research activities of students provided for by the curriculum. Material and technical base of KazNU named after. al-Farabi has 14 educational buildings on an area of 100 hectares; additionally Palace of Students named after. U.A. Zholdasbekov, Al-Farabi Library, youth Internet center, public catering plant "Ai-Tumar", Student Service Center "Keremet", Sports and fitness complex, 14 student houses, House of Young Scientists, swimming pool named after. D. Balandina, Technopark, simulation center located in the Faculty of Medicine (p. 90 self-assessment report).

The existing access system using individual cards with a unique personal identifier (ID) of the university allows the Situation Center to monitor academic discipline and prevent any emergency situations and serves the purpose of ensuring a safe environment for all students and employees.

The Al-Farabi Library is located in a separate building and provides information and library services for educational, research processes for students and teaching staff, who have unlimited access to electronic books from the world's largest publishing houses (EBooks) in the EBSCO, Springer, Elsevier database, as well as to full-text Polpred database, electronic library system IPRbooks, domestic databases "ZAN - Law", "Epigraph" (<http://elibrary.kaznu.kz/ru>).

Master's students are provided with round-the-clock access to the entire library collection, with regular information support through the library website and announcement of all educational events organized and conducted by the library through the website and the Univer2.0 system <http://elibrary.kaznu.kz/ru/node/261>.

The fund of educational literature in medical specialties is 17,824 textbooks in three languages, scientific literature is 9,700, the general fund (together with periodicals) is 34,200. The university library system, access to electronic information resources are integrated into the Univer 2.0 system (for example, Oxford UPSO <https://academic.oup.com/journals>).

The bases of practice are: Branch of "NPTSSEiM" RSE at the RPE "NTsOZ" of the Ministry of Health of the Republic of Kazakhstan, GKP at the RPE "City Hospital "Alatau", KazNIOiR.

The MOODLE system allows you to automate many processes: registration of students in disciplines and their educational achievements; formation of educational and individual plans, academic streams; preparation of academic calendars; organization of current, intermediate and final certification; downloading educational materials; maintaining files of students, staff, teachers; generation of various types of reports in real time.

University teachers, being scientific and pedagogical workers, are engaged in scientific research and development, and are guided by modern achievements of science and technology when carrying out the classroom teaching load. In 2022-March 1, 2023, 13 articles were published in journals indexed in SCOPUS, of which 13 were published in Q1-Q2 KKSON journals - 4 articles.

<https://docs.google.com/document/d/1xZZIBQ3cw6J6PNu2X5QcVc3U7Vu5CFehOOjus-FW3sc/edit?usp=sharing>

https://docs.google.com/document/d/1Aq6ulnDfzjK_l4KrGI-zNtsX-6onp-yc_ay6XpuPrE0/edit?usp=sharing

The total H-index of the department for 2022 is 157 (according to the Scopus database) and 62 (according to the Web of Science database).

<https://docs.google.com/document/d/1Y7dEuSrJy1AVWCkuWsmQ9UnvCGIyBCYFFNuHiQpYt0c/edit?usp=sharing>

Academic mobility of teaching staff and students has not been carried out; it is at the stage of concluding contracts. The internship of master's students for the 2021-2022 academic year was carried out within the Republic of Kazakhstan at the Research Institute of Fundamental and Applied Medicine named after B. Atchabarov" Order No. 1360 b/a dated April 7, 2023.

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

Analytical part

EEC experts state that within the framework of the "Educational Resources" standard for EP Public Health, during the work of the 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 and meets the requirements. Of the declared 3 bases of practice, during the period of the experts' visit, 1 Branch of the "NPTSSEIM" RSE at the PVC "NTsOZ" of the Ministry of Health of the Republic of Kazakhstan was available for review, where there is a block of an educational and training center with the support of USAID, with modern laboratory equipment, with a computer class and a separate entrance in order to exclude contact of students from other laboratories of the center (especially dangerous infections, bacteriological) with other bases, they familiarized themselves with the presented video materials. Auditoriums and scientific laboratories and other premises used in the implementation of the educational program comply with established safety standards and rules. The implementation of educational programs at the university is ensured by every student's free access to information resources and library collections.

During the EEC visit, research laboratories were demonstrated, where students carry out design work and acquire practical skills.

The student service center "Keremet" has all the necessary resources: a power supply unit, shops, a cinema, a polyclinic service with all specialists, a one-stop shop for undergraduates, a Process Management Sector.

For the publication activities of master's students, the peer-reviewed English-language information and analytical journal "Interdisciplinary Approaches to Medicine" is available; articles are published only in English; for translating the material, there are translators who provide high-quality translation.

The faculty carried out work to prepare for the implementation of the academic mobility program for teaching staff and undergraduates, with the partners of the university and the department: Instituto Superior de Engenharia do Porto - Spain; University of Bologna - Italy, Inje University, Chung-Ang University - Korea; Adam Mickiewicz University, University. Copernicus in Torun - Poland; Karl-Wilhelm Technical University of Braunschweig, University of Leipzig - Germany; Ghent University - Belgium, in this regard, it is necessary to carry out this work on a regular basis both in the Republic of Kazakhstan and abroad with the allocation of appropriate funding.

At KazNU named after. Al-Farabi conducts an examination in the field of education, examining the problems, processes and practices of education with the involvement of experienced practitioners, epidemiologists, hygienists and leading scientists. Internal examination of the compliance of the teaching methodology at the university with the implementation of the educational program is carried out systematically both at the intra-departmental level and by the internal audit system. The examination of the EP goes through several stages of examination, starting with the Authors' team of the EP, the coordinator of the EP, the Methodological Bureau of the Higher School of Public Health, the Faculty of Education, the Scientific and Methodological Council of the University, the University Management Committee, examination by experts of the Bologna Process Center and approval and display in the Register of EP of the ESUVO.

The EEC confirms the availability of support systems for students, including support through the university website, through personal appeals to the dean, curator, mentor, adviser, etc. During the interview, undergraduates expressed complete satisfaction with the cost of training, the availability of discounts, incentives and thanks from management for good study, scientific work, nutrition and medical care.

Members of the EEC believe that the existing material and technical base of the university contributes to the expansion of forms and methods of attracting undergraduates to participate in scientific research in the field of public health and publication activity.

Also, members of the commission, in interviews with undergraduates, drew attention to the desire to undergo academic mobility and internships at high-ranking universities outside the Republic of Kazakhstan.

Strengths / best practice

There are no strengths in this standard.

EEC recommendations

To the management of the University. On a regular basis, carry out academic mobility of teachers and undergraduates in the Republic of Kazakhstan and abroad with the allocation of appropriate funding (clause 6.6.2) Implementation period: 2023-2025.

Conclusions of the EEC according to the criteria:

strong positions - 0, satisfactory - 13, suggest improvements - 1, unsatisfactory - 0.

6.7. Standard "Evaluation of the educational program"

Evidential part

The university has regulated procedures for monitoring the evaluation of EP - QMS, Quality Policy, routine data collection and analysis is carried out by the educational process automation information system "Univer 2.0".

The UNIVER system allows you to manage various processes: admissions committee and analysis of recruitment; management of educational activities (formation of curricula, certification, etc.); management and organization of electronic educational document flow; management and monitoring of the organization of a data bank of electronic educational and methodological materials for each discipline; management of registration for disciplines; management and organization of an additional semester; formation of various types of schedules (classes, exams, supervisory hours); organization of a system of statistical analysis and reporting on the main tasks of the educational process; organization of an administration system for managing software support and using the system in the educational process.

The current education quality assurance system, based on European standards and Directives of the European Association for Quality Assurance in Higher Education (ENQA), determines the required level of quality of educational services provided and ensures its achievement https://drive.google.com/file/d/1oDp02KxXILoxpToPflZ0mg_ffp0KS151/view?usp=sharing.

The assessment policy and procedure for assessing learning outcomes are carried out in accordance with the goals of the educational program, the final learning outcomes within the framework of existing directive, regulatory and internal documents.

Student performance is assessed in two main ways: formative assessment (assessment for learning) and summative assessment (assessment of learning).

Current control includes assessments in practical and laboratory classes, assessment for practical skills, assessment based on the results of TBL, CBL, protocol, glossary, IUP on the quality of presentation of the CIS. Midterm control in disciplines is carried out in the form of preparation of master's theses for pre-defense and defense, etc.

Passage of milestone and intermediate controls is carried out in an automated form using Moodle. The technical assessment of the results depends on the form of conducting boundary and intermediate controls. When conducting control in the form of testing, assessment occurs automatically, where the student, immediately after completion, sees the final grade. If conducted in written form, student responses are coded and examiners randomly evaluate the coded work. Neither the undergraduate nor the examiner have contacts when assessing knowledge. To avoid conflicts of interest, monitoring of the educational process at the departments is carried out on a regular basis. Thus, the university provides an independent and objective assessment of knowledge, excluding communication with examiners.

Center for Sociological Research of KazNU named after. al-Farabi, interactively and in an online format, carried out satisfaction with the quality of the EP through a survey and questionnaire of all consumers and stakeholders, followed by discussion at a meeting of the dean's office and departments. The results of feedback on the following types of survey: "The University is free of corruption", "Teacher through the eyes of students", "Teacher through the eyes of colleagues", "Assessment of student satisfaction", Survey of university graduates "Support your Alma Mater", are available to heads of structural divisions (deans, heads of departments) and are posted in the "Univer" system in the "Reports" section. Based on the analysis, appropriate decisions are made to ensure the quality of educational programs and educational activities.

Analytical part

At the University, the schedule (academic calendar), the schedule of intermediate and final certification is drawn up by the dean's office, agreed with the dean and approved by the Chairman of the Board - Rector, brought to the attention of undergraduates through the official website, information stands, through posting in the students' personal account, the "UNIVER" system ,

which was demonstrated to the members of the EEC (electronic documents on Google drive in the cluster folder [6https://drive.google.com/drive/folders/1aaUOMn_wvXchyIXXITe-PC-TIHq0eghR](https://drive.google.com/drive/folders/1aaUOMn_wvXchyIXXITe-PC-TIHq0eghR)).

The knowledge assessment system at all stages of training is available in syllabuses and EP; https://drive.google.com/drive/folders/1aaUOMn_wvXchyIXXITe-PC-TIHq0eghR. Also, the university has an order of the Minister of Education and Science of the Republic of Kazakhstan dated April 20, 2011 No. 152 “On approval of the Rules for organizing the educational process in credit technology of education” https://docs.google.com/document/d/11MZMj1s27dbeKH_sXD800blsMn7ChIzr/edit; Order of the Minister of Health of the Republic of Kazakhstan dated December 11, 2020 No. KR DSM-249/2020 “On approval of rules for assessing the knowledge and skills of students, assessing the professional preparedness of graduates of educational programs in the field of healthcare and specialists in the field of healthcare” <https://docs.google.com/document/d/1hxm3SntapYg9nIPWWN4y4JdC71js0t-P/edit>.

To assess the knowledge, abilities and skills of undergraduates, the principle of continuity, systematicity and consistency is used, using control (current; milestone; final, final state certification) using a point-rating system in accordance with the State Educational Standard of the Republic of Kazakhstan (Regulation “On the rating system for assessing educational achievements students” of the university). Master's students have complete clarity regarding the assessment criteria, the plan for different types of knowledge control, the number of exams, the balance between oral and written exams, and the period of distance learning, 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), test questions, tickets, laboratory, practical and independent work assignments. All measures of student knowledge are fully consistent with the curriculum of the disciplines. Examination materials are developed at the departments by experienced teachers, discussed and approved at department meetings. General control over the quality of control and measuring instruments compiled by teaching staff of departments and courses is carried out by the heads of departments and courses, AC specialty: Public health.

During a visual inspection in the computer lab, the most widely used programs for complex statistical data analysis SPSS (Statistical Package for Social Sciences), Stata, R were demonstrated.

Every year, at various levels (meetings of departments, faculty academic council), an analysis of the achieved results in training students in various types of control is carried out. The results obtained are highlighted in the relevant protocols and annual reports of the departments. Proposals received as a result of discussion of data obtained from student surveys are used in the process of revising assessment materials, the content of lecture material, and practical classes, which was confirmed by undergraduates and teaching staff during interviews with members of the EEC. The student dean brings to the attention of the university administration and the academic council the opinions of students on the organization of educational and extracurricular processes.

Thus, the educational resources of the university correspond to and contribute to the quality of service delivery.

Strengths / best practice

There are no strengths in this standard.

EEC recommendations:

not according to this standard.

Conclusions of the EEC according to the criteria:

strong positions - 0, satisfactory - 9, imply improvement - 0, unsatisfactory - 0.

6.8. Standard "Management and Administration"

Evidential part

KazNU named after Al-Farabi has a management system that promotes the achievement of mission and goals, maintains institutional effectiveness and integrity, and creates and maintains an environment for learning, research, and creative activity. Transparency of the management system is carried out through information support of the process of preparation, adoption and implementation of decisions.

The main structural units - the dean's office, school directors, departments, departments, laboratories, etc. - perform certain functional responsibilities (in accordance with the Regulations) and between which there are horizontal and vertical connections. The highest corporate governance body is the Supervisory Board.

Between the employer and KazNU employees, the teacher-student, student-student relationship is regulated by the rules of internal document flow. (link: <https://www.kaznu.kz/ru/4597/page/>).

The general management of educational activities at the university is carried out by a collegial governing body - the Academic Committee, which includes the dean and heads of departments, students, and representatives of employers.

The Dean's Office administers all the main activities of the faculty, including educational, methodological, research, innovation and educational work, taking into account modern requirements for the training of qualified, competitive personnel. The general management of the faculty is carried out by an elected representative body - the Faculty Council, which organizes its work under the leadership of the dean of the faculty.

Informing interested structures and individuals on decisions of meetings of the Academic Council or other collegial forms of management occurs at meetings of departments, departments and other structural divisions. Meeting materials are published monthly in the form of minutes and posted electronically on the UNIVER system and are brought to the attention of each employee via an electronic document manager by sending mailings. The Academic Council publishes a monthly information sheet with the decisions of the Academic Council.

Written requests regarding issues related to the academic activities of the university are registered in the office. In addition, on the university website there is a schedule for the reception of the rector and vice-rectors (<https://www.kaznu.kz/ru/25598/page/>) you can contact and receive answers and clarifications.

Funding for the activities of the university is carried out in accordance with the established procedure from the following funds: the Republican budget allocated to support educational activities; Funds of ministries, organizations and enterprises of all forms of ownership, funds of citizens of Kazakhstan; other states received in order to reimburse the costs of training specialists of various qualifications; at the expense of extra-budgetary sources of financing, not prohibited by the laws of the Republic of Kazakhstan.

The university has the necessary autonomy to determine priority areas for spending funds.

An annual analysis of the financing of the educational program is carried out for all items of expenditure, which makes it possible to comprehensively examine and evaluate all aspects and results of cash flow, the level of relations associated with cash flows, as well as the financial condition of the university. To implement the educational program, financial resources are allocated for all types of activities and expense items: wage fund, material and technical support of the educational process (purchase of benefits, instruments, equipment, consumables), maintenance, current and major repairs, utilities.

The annual execution of the financial and economic activity plan based on the results of the financial year is submitted to the Supervisory Board for consideration.

The university has the opportunity, in accordance with regulatory documents, to independently direct financial resources to achieve the final learning outcomes; for teaching staff remuneration and student support.

The cost of paid educational services at the University is determined in accordance with the requirements of the law, approved at the local level (in accordance with the Regulations on the provision of paid educational services), information is communicated to consumers by posting on the official website.

The quality management system (QMS) at the university was introduced in 2005. In 2021, the QMS was recertified for compliance with the international standard ISO 9001:2015 in 2021 by the Russian Register certification association.

To train administrative and academic staff, advanced training courses, master classes, round tables, etc. have been developed.

The calculation of staffing positions for teaching staff of departments is carried out by the educational and methodological department based on the volume of the department's annual teaching load. The number of administrative staff and teaching staff is set in a ratio of 1:2 when supervising master's theses.

Developing interaction between the university and the employer is a key point in the process of employing graduates. Relevant agreements have been concluded with each employer.

Thus, the university management system, academic leadership, training budget and resource allocation, administrative staff and management are consistent with the objectives of implementing the educational program at a level consistent with state and international quality standards. Assessment of academic leadership is carried out based on the results of final certifications of students, state certifications, results of independent certification of graduates, assessment of key indicators of educational activities of the University Development Program. The assessment of key indicators of the development strategy is carried out at the end of the calendar year. An analysis of the achievement of development indicators is carried out, coordination with the authorized structural units of the Ministry of Health of the Republic of Kazakhstan, approval at a meeting of the Academic Council and the Supervisory Board. University staff and other interested parties can find information on the implementation of the KazNU Development Program on the university website.

Analytical part

KazNU, in accordance with the Charter, is an institution of higher education that implements educational programs of higher education, professional educational programs of postgraduate medical and pharmaceutical education. In 2017 KazNU has passed the accreditation procedure of the international agency ASIIN - Educational program of scientific, pedagogical and specialized master's degree in the specialty "6M110200 - Public Health".

The commission notes that the university has defined management structures, structural divisions and their functions, which include academic staff, students, and representatives of practical healthcare, which is confirmed by the presented documents, the results of interviews with various focus groups, from the management of the public organization to employers. Decisions made at different levels are transparent and are brought to the attention of interested parties through mailings via corporate e-mail, publication on the official website and in the UNIVER system.

The documents presented to the commission and on the University website reflect information about the current QMS system (a form (Familiarization Sheet) has been developed for registration of information); the regulatory documents of the educational institution define the responsibility of the academic leadership in relation to the development and management of the educational program (carried out based on the results of final certifications of students, state certifications, results of independent certification of graduates, assessment 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 for financial and economic activities. The financial autonomy of a university correlates with

the principles of responsibility to society for the quality of all activities in professional training, scientific research, provision of services, and with the effective management of funds and property. This policy does not contradict the legislation of the Republic of Kazakhstan and ensures the institutional autonomy of the university.

Departments implementing EP in the specialty: 7M10102 “Public Health” are fully staffed according to the staffing table. Currently, graduating departments are provided with highly qualified personnel with basic education, including Doctor of Sciences, Candidates of Sciences, Masters of Medicine, professors. Qualitative and quantitative composition of teaching staff ensures the full organization and conduct of the educational process, and the training of specialists in OP7M10102 “Public Health.” To motivate employees to improve the quality and effectiveness of their activities, the university has developed incentive measures (additional payments from extra-budgetary funds), which was confirmed by teaching staff in interviews with members of the EEC.

Written requests regarding issues related to the academic activities of the university are registered in the office. In addition, on the university website there is a schedule for the reception of the rector and vice-rectors (<https://www.kaznu.kz/ru/25598/page/>) you can contact and receive answers and clarifications.

The university has close interaction with the sanitary and epidemiological control sector, in order to provide high-quality practical training in the EP OP7M10102 “Public Health”, the university has entered into agreements with the following organizations: Branch of the “NPTSSEEiM” RSE at the PVC “NTsOH” of the Ministry of Health of the Republic of Kazakhstan, GKP at the PVC “City Hospital” "Alatau", KazNIOiR, and memorandums of cooperation with the Department of Sanitary and Epidemiological Expertise of the city of Almaty KSEK Ministry of Health of the Republic of Kazakhstan, JSC South Kazakhstan Medical Academy, RSE on the PVC National Scientific Center for Particularly Dangerous Infections named after M. Aikimbaev, which is confirmed by electronic documents on Google drive, as well as responses from undergraduates, teaching staff, and employers.

Strengths / best practice

There are no strengths in this standard.

EEC recommendations

not according to this standard.

Conclusions of the EEC according to the criteria:

strong positions - 0, satisfactory - 14, imply improvement - 0, unsatisfactory - 0.

6.8. Standard "Constant update "

Evidence

The University is an educational organization of higher education that carries out educational activities in EP of higher and postgraduate professional education as one of the main goals of its activities.

KazNU named after Al-Farabi is the first and only university in the Central Asian region in the international QS Stars Rating System.

The Higher School of Public Health is a young school that is faced with the task of developing and implementing a new model of a school of public health that meets the needs of the national health care system and the requirements of the international educational and sociocultural environment and the challenges of our time.

The renewal process at the University is based on the implementation of the mission and vision of the university, based on improving the quality of education at the university through the introduction of innovations in education, science and practice; as well as on improving student

recruitment and personnel policies; strengthening educational resources; improving program monitoring and evaluation processes; University management structures.

The analysis allows you to assess opportunities for improvement and the need for changes in the quality management system, identify existing problems and develop a system of measures to improve it and the need for changes. In order to ensure continuous improvement of the educational and medical services provided to consumers and increase the effectiveness of the quality management system in accordance with the requirements of the international standard, the University's Policy and Goals in the field of quality have been developed and approved. Scheduled internal audits, corrective and preventive actions are carried out.

The Academic Committee is the body that is responsible for the entire educational process (planning, development, review and approval of educational and methodological complexes of disciplines, distribution of educational resources, implementation and monitoring of the implementation of teaching and learning methods, ensuring constant interaction between departments implementing EP, quality control educational process, approval of teaching aids).

The team of authors, in addition to developing the EP, carries out operational management of the EP and holds regular meetings to monitor the effectiveness of the EP and opportunities for improvement. Information to improve the quality of education and provide accessible information is carried out through: the website of Al-Farabi KazNU <http://www.kaznu.kz/ru>, a portal for students, teachers and administrative staff working with the student population <https://univer.kaznu.kz>, information portal of Al-Farabi KazNU, website of the Department of International Cooperation (<http://icd.kaznu.kz/>), website for applicants (<http://welcome.kaznu.kz/en/>),

To ensure compliance with the requirements of the State Educational Standard of the Republic of Kazakhstan for the acquisition of practical skills by students, as well as improving the quality of medical services, medical and laboratory equipment is being consistently purchased in accordance with the requests of the departments. During the visit, during an interview with the vice-rectors, it was noted the strengthening of the material, technical and human resources of the faculty, the opening of a molecular genetic laboratory, the upgrading of the simulation center with the most modern training technologies (new building, modern laboratory equipment), the formation of scientific and clinical potential (research institutes, employees, international projects, clinical sites).

The processes of updating the educational program and its improvement occur taking into account the knowledge and skills acquired by teaching staff at training events (seminars, master classes, conferences), as a result of cooperation with leading educational and scientific organizations (cooperation programs are being implemented with 9 leading foreign medical schools), implementation of innovative educational technologies (PBL, CBL, RBL, visiting lectures, etc.).

Academic freedom in the preparation of educational programs, the availability of elective disciplines allows the University to make appropriate adjustments to educational programs, which provides opportunities for the development of elective disciplines taking into account the changing conditions of the external and internal environment: the demographic situation, the structure of morbidity of the population and cultural conditions, the needs of society for protection health. When developing educational programs, it is imperative to take into account the needs of stakeholders.

Analytical part

Having analyzed the submitted documents, the results of interviews, and questionnaires, members of the EEC conclude that the University is a dynamic, socially responsible organization that initiates procedures for assessment, monitoring, revision of content, learning outcomes, assessment and the learning environment as a whole, allocating resources for continuous improvement.

The renewal processes are aimed at adapting the mission, end results, methodological approaches to the scientific, socio-economic development of modern society, and the needs of postgraduate training.

The university adjusts elements of the educational program taking into account advances in biomedical, behavioral, social and clinical sciences, changes in the demographic situation and the health status/morbidity structure of the population. However, attention should be paid in the future to placing clearer accents for students in the EP "Public Health", developing a double degree program with a similar high-ranking university, strengthening various types of advertising components to promote this specialty. Recruitment policies, formation of academic staff, updating educational resources, improving organizational structure and management principles are adapted to the changing needs of all stakeholders.

According to the Regulations on the Internal Audit Service, transparency of the distribution of financial resources is ensured, an assessment of the efficiency of spending financial resources is reflected in the audit report on the financial statements for the calendar year and posted on the university website.

Thus, according to this standard as a whole, it can be stated that the administration and staff of the university are working towards continuous improvement.

Strengths / best practice

There are no strengths in this standard.

EEC recommendations

not according to this standard.

Conclusions of the EEC according to the criteria:

strong positions - 0, satisfactory - 2, imply improvement - 0, unsatisfactory - 0.

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

7.1.1 Mission and results standard

There are no strengths in this standard.

7.1.2 Standard "Educational program"

There are no strengths in this standard.

7.1.3 Student assessment standard

There are no strengths in this standard.

7.1.4 Standard "Learners"

There are no strengths in this standard.

7.1.5 Standard "Academic Staff/Teachers"

Based on the implementation of the indicative plan, a system of motivation for teaching staff teaching classes in English has been introduced (using a coefficient of 1.5; reducing the teaching load by 45 hours for 1 article in Scopus and Web of Science).

7.1.6. Standard "Educational Resources"

There are no strengths in this standard.

7.1.6. Standard "Educational Resources"

There are no strengths in this standard.

7.1.8 Management and administration standard

There are no strengths in this standard.

7.1.9 Constant update standard

There are no strengths in this standard.

(VIII) OVERVIEW OF RECOMMENDATIONS FOR IMPROVING QUALITY

8.1.1 Mission and results standard

To the management of the OP. Harmonize the missions of educational programs: 7M10102 “Public Health” in the EP passport and on the website in the appropriate tabs, in order to bring them to all interested parties deadline: August 2023.

8.1.2 Standard "Educational program"

There are no recommendations for this standard.

8.1.3 Student assessment standard

To the management of the OP. Develop methods for assessing master's students in all disciplines and for all types of work performed (essay, project, presentation, oral and written response, etc.), approve by the appropriate collegial body, while ensuring external examination (clause 3.1.4). Deadline: September 2023

8.1.4. Standard "Students"

There are no recommendations for this standard.

8.1.5 Standard "Academic Staff/Teachers"

There are no recommendations for this standard.

8.1.6 Standard "Educational Resources"

On a regular basis, carry out academic mobility of teachers and undergraduates in the Republic of Kazakhstan and abroad with the allocation of appropriate funding (clause 6.6.2) Implementation period: 2023-2025.

8.1.7 Standard "Evaluation of the educational program"

There are no recommendations for this standard.

8.1.8 Management and administration standard

There are no recommendations for this standard.

8.1.8 Constant update standard

There are no recommendations for this standard.

(IX) OVERVIEW OF THE RECOMMENDATION FOR THE DEVELOPMENT OF EDUCATIONAL ORGANIZATION

During the work of the IAAR EEC, which took place in person and remotely, meetings were held with the administration of the University, heads of structural divisions, teaching staff, students, main stakeholders, documents of the educational organization, Internet resources were studied, the results of which can be used to judge the process of improvement in The university in general, and for the EP Public Health in particular, since the previous accreditation in 2017.

The recommendations focus on: harmonizing the mission of educational programs: 7M10102 “Public Health” in the EP passport and on the website in the appropriate tabs, in order to bring them to all interested parties; to develop methods for assessing master’s students in all disciplines and for all types of work performed (essay, project, presentation, oral and written response, etc.), approved by the appropriate collegial body, while ensuring external examination; to conduct academic mobility of teachers and undergraduates in the Republic of Kazakhstan and abroad with the allocation of appropriate funding.

(X) RECOMMENDATION TO THE ACCREDITATION BOARD

Members of the external expert commission came to a unanimous opinion that the educational program 7M10102 “Public Health”, implemented by the Non-Profit Joint Stock Company “Al-Farabi Kazakh National University”, can be reaccredited for a period of 5 years.

Appendix 1. Evaluation table "PARAMETERS of the SPECIALIZED PROFILE" EP 7M10102
"Public Health"

№	№	EVALUATION CRITERIA	The position of organization of education			
			Strong	Satisfactory	Implies improvement	Unsatisfactory
Standard 1 "MISSION AND RESULTS"						
Mission definition						
The organization of education should:						
1	1.1.1.	Define the mission of the postgraduate level of EP and bring it to the attention of stakeholders and the health sector.			+	
2	1.1.2.	Define a training program that allows you to prepare a specialist at the level of postgraduate education in the field of healthcare: competent in any field of medicine, including all types of medical practice, management and organization of healthcare; able to work independently at work at a high professional level and in a team, if necessary; with a commitment to lifelong learning, including professional responsibility to support the level of knowledge and skills through performance assessment, audit, study of one's own practice and recognized activities in Continuing Medical Education and Continuing Professional Development (CME/CPD).		+		
3	1.1.3	ensure that the mission covers the consideration of the health needs of the community or society, the needs of the health system and other aspects of social responsibility, if necessary.		+		
4	1.1.4.	encourage the organization and conduct of scientific research of postgraduate students, as well as innovations in the educational process, allowing the development of broader competencies than the minimum required		+		
1.2 Institutional autonomy and academic freedom						
The organization of education should:						
5	1.2.1.	have a training process that is based on recognized basic medical and pharmaceutical education and contributes to strengthening the professionalism of the student		+		
6	1.2.2.	ensure that the training process promotes professional autonomy to enable the graduate to act in the best interests of the patient and society		+		
1.3. Learning outcomes						
The organization of education should:						
7	1.3.1.	to determine the expected learning outcomes that students should achieve upon completion of their postgraduate level achievements in terms of knowledge, skills, professional behavior and thinking; the appropriate basis for a future career in the chosen branch of medicine; their future roles in the health sector; commitment and skills in the implementation of continuing education; the health needs of society, the needs of the health system and other aspects of social responsibility		+		
8	1.3.2.	identify the general and specialty-specific (discipline) components of learning outcomes that students need to achieve		+		
9	1.3.3.	ensure proper professional behavior of students in relation to classmates, teachers, medical staff, patients and their relatives		+		
10	1.3.4.	determine the expected learning outcomes based on the previous level of education.		+		
1.4. Participation in the formulation of mission and learning outcomes						
The organization of education should:						
11	1.4.1.	ensure the participation of key stakeholders in the formulation of the mission and expected learning outcomes		+		

12	1.4.2.	ensure the participation of key stakeholders in the formulation of the mission and expected learning outcomes		+		
Total			0	11	1	
Standard 2 "EDUCATIONAL PROGRAM"						
2.1 Learning approach						
The organization of education should:						
13	2.1.1.	to determine the approach to training based on the expected learning outcomes and official certificates of qualification provided as a basis for official recognition of a specialist in the chosen field of medicine at the national and international level.		+		
14	2.1.2.	to define an approach to teaching based on the results of basic medical education, systematically and transparently including and supporting the student in responsibility for their own learning process		+		
15	2.1.3.	describe the general and discipline-specific learning components, use teaching and learning methods that are suitable for both practice and theory, identify the teaching and learning methods used that stimulate, prepare and support students to take responsibility for their learning process		+		
16	2.1.4.	ensure that the educational program is implemented in accordance with the principles of equality		+		
17	2.1.5.	guide the learner through mentoring and regular evaluation and feedback, increase the degree of independent responsibility of the learner as skills, knowledge and experience improve.		+		
2.2 Scientific method						
The organization of education should:						
18	2.2.1.	instill in students the principles of scientific methodology according to the level of postgraduate education and provide evidence that the student achieves knowledge and understanding of the scientific base and methods of the chosen field of medicine		+		
19	2.2.2.	provide evidence that the student is getting acquainted with evidence-based medicine as a result of broad access to relevant clinical/practical experience in the chosen field of medicine		+		
20	2.2.3.	to include in the EP official teachings on the critical evaluation of literature and scientific data, the results of modern scientific research; to provide students with access to research activities; in the EP to correct and change the content of scientific developments		+		
2.3 Training content						
The organization of education should:						
21	2.3.1.	to include in the learning process the practice and theory of biomedical, clinical, behavioral and social sciences, clinical solutions, communication skills, medical ethics, public health, medical jurisprudence, management disciplines		+		
22	2.3.2.	organize an educational program with appropriate attention to patient safety		+		
23	2.3.3.	to make changes to the EP to ensure the development of knowledge, skills and thinking of the various roles of the graduate and the correspondence of the content of the EP to the changing conditions and needs of society and the health system		+		
2.4 Structure of the educational program, composition and duration						
The organization of education should:						
24	2.4.1.	to describe the content, scope and sequence of courses and other elements of the educational program, to identify mandatory and selective components, to combine practice and theory in the learning process, to ensure compliance with national legislation		+		
25	2.4.2.	to take into account the results of basic medical and pharmaceutical education in relation to the choice of the field of medicine, the requirements for the performance of various roles in the healthcare system for the future graduate		+		
2.5 The relationship between education and health practice						
The organization of education should:						

26	.5.1.	2 describe and observe the integration between theoretical training and professional development, guarantee the integration of training and professional internship, including through on-the-job training		+		
27	.5.2.	2 to effectively organize the use of the capabilities of the healthcare system for training purposes, including in terms of providing practice at the workplace, to ensure that such training is additional and does not comply with the requirements for the provision of health services		+		
2.6 Training Management						
The organization of education should:						
28	2.6.1.	define responsibilities and authorities for the organization, coordination, management and evaluation of the individual learning environment and learning process		+		
29	2.6.2.	include in the planning and development of the educational program due representation from teaching staff, students and other key and relevant stakeholders.		+		
30	2.6.3.	guarantee a variety of training places, coordinate numerous training places to obtain appropriate access to various aspects of the chosen field of medicine access to the resources necessary for planning and implementing teaching methods and evaluating students and introducing innovations in the training program		+		
Total			-	18	-	
Standard 3 "Student Assessment"						
3.1 Assessment methods						
The organization of education should:						
31	3.1.1.	define and approve the principles, methods and practices used to evaluate students, including the number of exams, criteria for establishing passing scores, grades and the number of allowed retakes;		+		
32	3.1.2.	ensure that assessment procedures cover knowledge, skills, attitudes and professional behavior		+		
33	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 learning, acceptability and effectiveness of assessment methods and format		+		
34	3.1.4.	ensure that the evaluation process and methods are open (accessible) for examination by external experts;			+	
35	3.1.5.	ensure that assessment methods and results avoid conflicts of interest and uses a system of appealing student assessment results.		+		
36	3.1.6.	to ensure the openness of the evaluation procedure and its results, to inform students about the criteria and evaluation procedures used		+		
37	3.1.7.	document and evaluate the reliability and validity of assessment methods, as well as involve external examiners, introduce new assessment methods in accordance with the need; encourage the examination process by external experts; if necessary, organize a "different opinion", a change of teaching staff or additional training		+		
3.2 The relationship between assessment and learning						
The organization of education should:						
38	3.2.1.	to use the principles, methods and practices of assessment that are comparable with the planned LO and methods of teaching and learning, guarantee the achievement of the planned learning outcomes, facilitate the training of students, provide an appropriate balance of formative and final assessment for the direction of learning and decision-making on academic performance		+		
39	3.2.2.	adjust the number and nature of exams to encourage both knowledge acquisition and integrated learning		+		
40	3.2.3.	provide timely, specific, constructive and fair feedback to students based on the assessment results		+		
Total			0	9	1	
Standard 4 "STUDENTS"						

4.1 Admission and selection Policy					
The organization of education should:					
41	4.1.1.	to define and implement an admission policy based on the principles of objectivity and including a clear statement about the selection process of students		+	
42	4.1.2.	to ensure a balance between learning opportunities and the admission of students, formulate and implement policies/ rules for the selection of students according to established criteria		+	
43	4.1.3.	to have a policy and implement the practice of admission of students with disabilities in accordance with applicable laws and regulatory documents of the country		+	
44	4.1.4.	have a policy and implement the practice of transferring students from other educational institutions, including foreign ones		+	
45	4.1.5.	establish a link between the selection and the mission of the educational organization, the EP and the desired quality of graduates, provide a mechanism for appealing admission decisions		+	
46	4.1.6.	use a system for appealing admissions decisions, guarantee transparency of the selection procedure, periodically review the admission policy based on relevant social and professional data to meet the needs of healthcare and society		+	
4.2 Recruitment of students					
The organization of education should:					
47	4.2.1.	to determine the number of accepted students in accordance with the capabilities of the educational organization at all stages of the educational program		+	
48	4.2.2.	periodically regulate the number and contingent of accepted students, taking into account the opinion of stakeholders responsible for planning and developing human resources in the health sector in order to meet the medical needs of the population and society as a whole		+	
49	4.2.3.	periodically review the number and nature of accepted students in consultation with other stakeholders and regulate in order to meet the health needs of the population and society as a whole		+	
4.3 Advising and supporting students					
The organization of education should:					
50	4.3.1.	to have a system of academic counseling of students		+	
51	4.3.2.	to offer students a support program aimed at social, financial and personal needs, allocating appropriate resources and ensuring confidentiality of counseling and support		+	
52	4.3.3.	to have a feedback system with students to assess the conditions and organization of the educational process to provide students with documents confirming their		+	
53	4.3.4.	to provide students with documents confirming their qualifications (diploma) and diploma supplement (transcript)		+	
54	4.3.5.	to take into account the needs of different groups of students and to provide an opportunity for the formation of an individual educational trajectory		+	
55	4.3.6.	to provide academic counseling, which is based on monitoring the student's progress and includes career planning issues; offers a support program for students aimed at social, financial and personal needs; to ensure confidentiality regarding counseling and support, support in the event of a professional crisis		+	
4.4 Representation of students					
The organization of education should:					
56	4.4.1.	to develop and implement a policy of student representation and their proper participation in defining the mission, developing, managing and evaluating the educational program, planning conditions for students		+	
57	4.4.2.	to encourage students to participate in decision-making about the processes, conditions and rules of training.		+	
Total				17	0

Standard 5 "ACADEMIC STAFF/TEACHERS"					
Personnel Selection Policy					
The educational organization should develop and implement a staff selection and recruitment policy, which:					
58	5.1.1.	contains criteria for the scientific, pedagogical and clinical/professional merits of applicants, including the proper ratio between pedagogical, scientific and professional qualifications		+	
59	5.1.2.	defines the duties of teachers, including the balance between teaching, scientific and other functions, considering the mission of the EP, the needs of the education system and the needs of the health system.		+	
60	5.1.3.	takes into account the necessary work experience		+	
61	5.1.4.	determine the responsibility of the academic staff in terms of its participation in postgraduate education; determine the level of remuneration for participation in postgraduate education;	+		
62	5.1.5.	ensure that teachers have practical experience in the relevant field, that teachers of narrow specialties, if necessary, are approved for the appropriate training periods, depending on their qualifications.		+	
5.2 Employee commitment and development					
The educational organization should develop and implement a policy of activity and staff development, which is aimed at:					
63	5.2.1.	ensuring that teachers have enough time for training, counseling and independent development		+	
64	5.2.2.	the presence of a structure responsible for the development of academic staff, ensuring periodic evaluation of academic staff		+	
65	5.2.3.	develop and implement a policy to support the academic staff on pedagogy and advanced training for further professional development; evaluate and recognize the scientific and academic achievements of teachers		+	
66	5.2.4.	take into account the ratio of "teacher-student" depending on the various components of the EP, taking into account the features that ensure close personal interaction and monitoring of students.		+	
Total			1	8	0
Standard 6 "EDUCATIONAL ENVIRONMENT AND RESOURCES"					
6.1 Logistics and equipment					
The organization of education should:					
67	6.1.1.	to ensure the availability of sufficient, accessible and relevant educational resources		+	
68	6.1.2.	to improve the learning environment through regular updating, expansion and strengthening of the material and technical base and equipment to maintain the appropriate quality of education at the postgraduate level		+	
6.2 Educational environment					
The organization of education should:					
69	6.2.1.	provide the necessary resources to provide students with appropriate clinical/practical experience, including: quality and categories of patients/consumers of services, quantity and categories of clinical/production bases; monitoring the practice of students		+	
70	6.2.2.	in choosing the learning environment to ensure appropriate experience in all aspects of the chosen specialty, including training in organization and management in the field of health and disease prevention		+	
6.3 Information technology					
The organization of education should:					
71	6.3.1.	develop and implement a policy aimed at the effective and ethical use and evaluation of relevant information and communication technologies		+	
72	6.3.2.	provide access to websites or other electronic media		+	
73	6.3.3.	optimize access for teachers and students to relevant patient data and health information systems using existing and relevant new		+	

		information and communication technologies for self-study, access to information, patient databases and work with healthcare information systems				
6.4. Research in the field of medicine/pharmacy and scientific achievements						
The organization of education should:						
74	6.4.1.	use research activities and scientific achievements in the field of medicine, pharmacy as the basis for an educational program		+		
75	6.4.2.	formulate and implement policies that strengthen the relationship between scientific research and education; provide information about the research base and priority areas in the field of scientific research of the organization of education		+		
76	6.4.3.	ensure that the relationship between scientific research and education is taken into account in teaching, encourages and prepares students to participate in scientific research in the field of health		+		
6.5 Expertise in the field of education						
The organization of education should:						
77	6.5.1.	have access to educational expertise of processes, practices and problems of medical and pharmaceutical education with the involvement of specialists, educational psychologists, sociologists at the university, interuniversity and international levels; develop and implement an expertise policy in the development, implementation and evaluation of educational programs, development of teaching methods and evaluation		+		
78	6.5.2.	demonstrate evidence of the use of internal or external educational expertise in staff development, taking into account current experience in medical/pharmaceutical education and promoting the interests of staff in conducting research in education		+		
6.6 Exchange in the field of education						
The organization of education should:						
79	6.6.1.	formulate and implement a policy on national and international cooperation with other educational organizations, including the mobility of staff and students, as well as the transfer of educational credits and learning outcomes		+		
80	6.6.2.	promote the participation of teachers and students in academic mobility programs at home and abroad and allocate appropriate resources for these goals			+	
Total			0	13	1	
Standard 7 "EVALUATION OF THE EDUCATIONAL PROGRAM"						
7.1. Monitoring, control and evaluation mechanisms of the program						
The organization of education should:						
81	7.1.1.	have regulated procedures for monitoring, periodic evaluation of the educational program and learning outcomes, progress and academic performance of students		+		
82	7.1.2.	develop and apply an educational program evaluation mechanism that reviews the program, its main components, students' academic performance, identifies and solves problems, ensures that the relevant evaluation results affect the EP		+		
83	7.1.3.	periodically evaluate the program, comprehensively considering the educational process, components of the educational program, expected learning outcomes and social responsibility		+		
7.2. Feedback from the teacher and the student						
The organization of education should:						
84	7.2.1.	systematically conduct, analyze and respond to feedback from teachers and students		+		
85	7.2.2.	use the feedback results to improve the educational program		+		
7.3. Educational achievements of students						
The organization of education should:						
86	7.3.1.	analyze the academic performance of students and graduates in accordance with the mission and expected learning outcomes, the training program and the availability of resources		+		

87	7.3.2.	to analyze the academic performance of students and graduates, taking into account the conditions of their previous training, the level of preparation for admission; use the results of the analysis to interact with the structural unit responsible for the selection of students, the development of an educational program, advising students		+		
7.4. Approval and control of the educational environment						
88	7.4.1.	provide evidence that the EP has been approved by the competent authority on the basis of: clearly defined criteria; evaluation of the program; compliance with qualification requirements		+		
89	7.4.2.	develop and implement a system for monitoring the educational environment and other educational facilities, including visits to facilities and other relevant resources		+		
Total				9		
Standard 8. MANAGEMENT AND ADMINISTRATION						
8.1. Management						
The organization of education should:						
90	8.1.1.	ensure that the EP is implemented in accordance with the rules regarding the admission of students; structure and content, assessment process		+		
91	8.1.2.	document the completion of training by issuing degrees, diplomas, certificates or other official certificates of qualification provided as the basis for official recognition of a specialist in the chosen field of healthcare.		+		
92	8.1.3.	to be responsible for quality assurance processes, to guarantee the continuous evaluation of EP		+		
93	8.1.4.	to ensure compliance of the EP with the needs of society in the level of health and the health system, to ensure transparency of the work of management structures and their decisions		+		
8.2. Academic Leadership						
The organization of education should:						
94	8.2.1.	determine the responsibility of the academic leadership in relation to the development and management of the educational program.		+		
95	8.2.2.	periodically evaluate academic leadership in relation to the achievement of the mission of the EP and the expected learning outcomes		+		
8.3. Financing and allocation of resources						
The organization of education should:						
96	8.3.1.	have a clear distribution of responsibility and authority to provide resources for the educational program, including budget management of EP		+		
97	8.3.2.	manage the budget in such a way as to comply with the mission and results of the EP, ensuring the functional responsibilities of the academic staff and students.		+		
8.4. Administrative staff and management						
The organization of education should:						
98	8.4.1.	have administrative and professional staff to implement the educational program and related activities, ensure proper management and allocation of resources		+		
99	8.4.2.	to ensure the participation of all departments of the educational organization in the processes and procedures of the internal quality assurance system		+		
8.5. Requirements and regulations						
The organization of education should:						
100	8.5.1.	comply with national legislation regarding the number and type of recognized specialties in the field of health care, for which approved programs of postgraduate medical education are being developed, in cooperation with all interested parties		+		
101	8.5.2.	approve postgraduate medical education programs in cooperation with all interested parties		+		

8.6. Informing the public						
The organization of education should:						
102	8.6.1.	to publish on the official website of the educational organization and in the media complete and reliable information about the educational program, its achievements		+		
103	8.6.2.	to publish on the official website objective information about the employment and demand for graduates		+		
Total			0	13	1	
Standard 9 "CONSTANT UPDATING"						
The organization of education should be a dynamic and socially responsible institution:						
104	9.1.1.	initiate procedures for regular review and updating of the process, structure, content, learning outcomes/competencies, assessment of knowledge and skills, learning environment of the EP; document and eliminate deficiencies; allocate resources for continuous improvement		+		
105	9.1.2.	<p>provide for the possibility to solve the following issues during the update process:</p> <ul style="list-style-type: none"> to base the renewal process on prospective research in the field of healthcare and on the results of their own study, evaluation and literature on medical/pharmaceutical education; ensure that the process of renewal and restructuring leads to a review of policies and practices in accordance with previous experience, current activities and prospects for the future; to solve the following issues in the updating process: to base the updating process on prospective studies and analyses and on the results of their own study, evaluation and literature on medical education; to ensure that the process of renewal and restructuring leads to a revision of the policy and practice of postgraduate education in accordance with previous experience, current activities and prospects for the future; direct the renewal process to adapt the mission statement and expected results to the scientific, socio-economic and cultural development of society; direct the updating process to modify the expected learning outcomes of graduates in accordance with the documented needs of the environment and the labor market, including clinical skills, training in public health issues and participation in the process of providing medical care to patients in accordance with the responsibilities that are assigned to graduates after graduation; direct the updating process to adapt learning approaches and teaching methods to ensure their compliance and relevance; direct the updating process to adjust the structure, content and duration of EP and their relationship in accordance with advances in biomedical, behavioral, social and clinical sciences, with changes in the demographic situation and health status/morbidity structure of the population and socio-economic and cultural conditions, and the adjustment process will ensure the inclusion of new relevant knowledge, concepts and methods, and the exclusion of obsolete; to direct the updating process to the development of evaluation principles and methods, and methods of conducting and the number of exams in accordance with changes in learning outcomes and teaching and learning methods; direct the renewal process to adapt the student recruitment policy and selection methods, taking into account changing expectations and circumstances, human resource needs, changes in the postgraduate education system and the needs of the EP; direct the renewal process to adapt the recruitment policy and the formation of academic staff in accordance with changing needs direct the renewal process to update educational resources in accordance with changing needs, such as, for example, the 		+		

	<p>recruitment of students, the number and profile of academic staff, EP and modern teaching methods.</p> <p>direct the update process to improve the process of monitoring, control and evaluation of EP;</p> <p>to direct the renewal process to improve the organizational structure and management principles to ensure effective performance in the changing circumstances and needs of postgraduate education, and, in the future, to meet the interests of various groups of stakeholders.</p>				
Total		0	2	0	
Tota		1	101	3	

