



«АККРЕДИТТЕУ 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 the external expert commission for  
assessment of compliance with the requirements of the standards of  
specialized accreditation of educational programs

6B01508 Mathematics-Physics, 6B01509 Physics and Computer Science,  
6B08301 Forest resources, hunting and beekeeping,  
8D05401 Mathematics, 8D01501 Computer Science

NPLC "Sarsen Amanzholov East Kazakhstan University"  
in the period from May 15 to May 17, 2024

**INDEPENDENT AGENCY FOR ACCREDITATION AND RATING**  
**External Expert Commission**

*Addressed to the IAAR  
Accreditation Council*



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**Ust-Kamenogorsk**

**May 17, 2024**

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**(I) LIST OF SYMBOLS AND ABBREVIATIONS**

AIS	Automated information system
AUP	Administrative and managerial personnel
AcM	Academic mobility.
AC	Academic Council
AC	Academic Committee
BD	Basic disciplines
BRS	Point-rating system
IRD	Internal regulatory documents
HE	Higher Education
SAC	State Attestation Commission
SOSE	State obligatory standard of education
DE	Distance education
DET	Distance educational technologies
IP	Interested persons
ICT	Information and communication technologies
IEP	Individual education plan
CYA	Committee for Youth Affairs
CTT	Credit technology of training
CED	Catalog elective disciplines
OC	EP tional component
MSHE of RK	Ministry of Science and Higher Education of the Republic of Kazakhstan.
MEPR	Modular educational programs
MEP	Modular educational plan
IC	International co EP eration
MTB	Material-technical base
MTIR	Material-technical and informational resources
MTS	Material and technical support
RDA	Research and Development activities
RDW	Research and Development work
RW	Research work
RWMS	Research work of master's students
SRWS	Scientific-research work of students
SRWS	Scientific research work of students
NSQ	The national system of qualifications
NQF	National qualifications framework
GED	General education disciplines
EP	Education program
MC	Mandatory component
SD	Specialized disciplines
Software	Software
PE	Postgraduate education
TS	Teaching staff
PhD	Doctor/doctorate in philos EP hy
LO	Learning Outcomes
curriculum	curriculum
RK	Republic of Kazakhstan
EP	EP erating Position
Rupr	curriculum
CYS	Council of young scientists

SSS	Student scientific society
IWS	Independent work of the student
IWST	Independent work of the student with the teacher
MC	Model curriculum
SC	The Standard curriculum
UPI	Ust-Kamenogorsk pedagogical Institute
EMCD	Educational-methodical complex of discipline
AMW	Ateducation-methodical work
SP	curriculum
SC	Scientific council
EB	E-library
ED	Elective subjects



## **(II) INTRODUCTION**

In accordance with Order No. 86-24-OD of 26.02.2024 of the Independent Accreditation and Rating Agency, from May 15 to May 17, 2024, an external expert commission evaluated the compliance of educational programs 6B01508 Mathematics-Physics, 6B01509 Physics-Informatics, 6B08301 Forest Resources, Hunting and Beekeeping, 8D05401 Mathematics, 8D01501 Informatics of NPLC "Sarsen Amanzholov East Kazakhstan University" (Ust-Kamenogorsk) to the IAAR specialized accreditation standards (No. 57-20-OD dated June 16, 2020).

The report of the External Expert Commission (EEC) contains an assessment of the submitted educational programs to the IAAR standards criteria, recommendations of the EC for further improvement of educational programs, and parameters of the profile of educational programs.

### **The composition of the EEC:**

*Elena Efimova*, Candidate of Historical Sciences, Associate Professor, Research Supervisor of the Master's program "Pedagogical Education", Head of the Department of Educational Policy and Pedagogical Innovations of the Federal State Budgetary Institution "Sociocenter", Honorary Worker of Higher Education of the Russian Federation (Moscow, Russian Federation); *Off-line participation*

*IAAR foreign expert IAAR- Maris Klavins*, Doctor of Chemical Sciences, Professor, University of Latvia (Riga, Latvia); *On-line participation;*

*IAAR Foreign Expert IAAR-Alexey Gostin*, Candidate of Technical Sciences, Associate Professor, Director of the Center for New Information Technologies, Ryazan State Utkin Radio Engineering University (RGRTU) (Ryazan, Russian Federation); *On-line participation;*

*IAAR expert- Aliya Sagyndykovna Aktymbaeva*, Candidate of Geographical Sciences, Associate Professor, Al-Farabi Kazakh National University (Almaty); *On-line participation;*

*IAAR expert- Gabdulov Madi Asetovich*, Candidate of Agricultural Sciences, Associate Professor, West Kazakhstan Agricultural and Technical University named after Zhangir Khan (Uralsk); *Off-line participation*

*IAAR expert - Oksana Karuna*, PhD, Associate Professor, International University of Engineering and Technology (Almaty); *Off-line participation*

*IAAR expert - Rufina Mukhamedzhanova*, Almaty University of Energy and Communications (Almaty); *On-line participation;*

*IAAR expert-Apendina Ainagul Kenesovna*, Candidate of Chemical Sciences, Associate Professor, Dean of the Faculty of Natural Sciences, Aktyubinsk Regional University. K Zhubanova (Aktobe); *Off-line participation*

*IAAR expert, employer - Yulia Eremeeva*, Candidate of Technical Sciences, specialty 05.23.04 - "Water supply, sewerage, construction systems of water resources protection", senior researcher of the scientific and technical program within the framework of program-targeted financing of the Ministry of Internal Affairs of the Republic of Kazakhstan: "Assessment of the water ecosystem of the Yertis River basin in the context of industrial Development and global processes" (Ust-Kamenogorsk); *Off-line participation*

*IAAR expert, student - Lyukpekova Ayaulym Sagdashkyzy*, 3rd year student of EP "Water resources and water use", D. Serikbayev East Kazakhstan Technical University (Ust-Kamenogorsk); *Off-line participation*

*IAAR expert, student- Zharylkasyn Ulan Rashiduly*, 2nd year student of EP "Mathematics", Korkyt Ata Kyzylorda University (Kyzylorda, Republic of Kazakhstan); *On-line participation*

*IAAR expert, student-Talgatuly Dauren*, 4th year student of EP Chemistry, Shokan Ualikhanov Kokshetau University (Kokshetau); *On-line participation*

*Coordinator of the IAAR EEC - Dinara Kairbekovna Bekenova*, IAAR Project Manager (Astana, Republic of Kazakhstan). *Off-line participation.*

### **(III) REPRESENTATION OF AN EDUCATIONAL ORGANIZATION**

Sarsen Amanzholov East Kazakhstan University Non-Profit Joint Stock Company (hereinafter referred to as the University) it was established in 1952, according to the decree of the Council of Ministers of the USSR, in accordance with which the Ust-Kamenogorsk Pedagogical Institute (UKPI) was organized. Then it consisted of 3 faculties (Russian language and literature, physics and mathematics and natural science). In 1953, the first graduation of young specialists in the pedagogical program took place. The first graduation of specialists in the four-year program took place in 1956. In the 1961-1962 academic year, the university had 4 faculties, 2907 students, 121 teachers. In 1970, the Faculty of Advanced Training of teachers of pedagogical universities of the Republic of Central Asia and Kazakhstan was established. In 1971, a training and information studio was Open ed, where the training and information studio worked. In the 1971-1972 academic year, the university consisted of 5 faculties, where 4141 students studied, 286 teachers worked, including 2 doctors of sciences, professors, 64 candidates of sciences.

In 1982, UKPI became the winner of the competition among 262 pedagogical universities of the Soviet Union. In 1991, the Government of Kazakhstan decided to establish the East Kazakhstan State University (EKU). At that time, it consisted of 11 faculties, where 4901 students studied, 462 teachers worked, including: 7 doctors of sciences, professors, 133 candidates of sciences. In 1992, a postgraduate course was Open ed in 16 specialties, and in 1994 – a master's degree. In the same year, the first graduation of EKU bachelors took place.

In 2001 Bayan-Ulgiy, the Mongolian branch of East Kazakhstan State University was Open ed in Bayan-Ulgiy.

In 2002, during the celebration of the 50th anniversary of UKPI, the university consisted of 7 institutes, 40 departments, about 9500 students studied at the university in 60 specialties, 600 teachers trained them, among them: 11 academicians and corresponding members of State and branch academies of Sciences, 40 professors, doctors of sciences, about 200 candidates of sciences.

The University provides a wide range of educational services, using new teaching technologies and expanding the research base of the faculty of departments. The educational process is organized in accordance with the credit technology of training, which is improved on an ongoing basis. Training is conducted, according to the Bologna process, according to a three-stage model: bachelor's degree-master's degree - doctoral degree.

In the National Ranking of the best multidisciplinary Universities in Kazakhstan – 2023, conducted by the Independent Agency for Quality Assurance in Education (NPLCKO, IQAA), S. Amanzholov Higher Education Institution takes the 2nd place.

In the National University Demand Rating of the Republic of Kazakhstan-2023, conducted by the Independent Accreditation and Rating Agency (IAAR) Sarsen Amanzholov EKU takes the 7th place.

In the rating of educational programs of Universities – 2023 conducted by the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atameken", 47 educational programs of S. Amanzholov Higher Education Institution were included in the rating, 26 educational institutions were included in the t EP ten, 11 educational institutions were included in the t EP three.

The University has entered the Times Higher Education 2024 world University Ranking for the first time.

In the international ranking of higher education institutions "QS Asia University Rankings", the University occupies the 501-550 position.

The University has successfully passed the institutional accreditation, is accredited for a period of 5 years by the IQAA (IA-A certificate No. 0104 dated May 27, 2019): May 27, 2019-May 24, 2024



Educational activities of Sarsen Amanzholov East Kazakhstan University in bachelor's, master's and doctoral programs are carried out on the basis of the Law "On Education" of the Republic of Kazakhstan dated July 27, 2007, state license for educational activities No. KZ74LAA00018463 dated July 22, 2020, issued by the Republican State Institution "Committee for Quality Assurance in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan". Ministry of Education and Science of the Republic of Kazakhstan" Astana and is regulated by:

- The University Charter (approved by the Chairman of the State Privatization Committee of the Ministry of Finance of the Republic of Kazakhstan (Order No. 304 of 21.05.2020).

- Academic Policy of Sarsen Amanzholov East Kazakhstan University (fourth edition, approved by the Academic Council on 30.12.2021).

- Development program of the NPLC "Sarsen Amanzholov East Kazakhstan University" for 2024-2029.

Priority areas of the University's activities are implemented in accordance with the Decree of the Government of the Republic of Kazakhstan dated March 28, 2023 No. 248 "On Approval of the Concept for the Development of Higher Education and Science in the Republic of Kazakhstan for 2023-2029", as well as with the goals for the Development of the education sector defined by the Law of the Republic of Kazakhstan No. 319-III "On Education" dated July 27 2007; The Law of the Republic of Kazakhstan No. 407-IV "On Science" dated February 18, 2011; The Decree of the Government of the Republic of Kazakhstan dated October 11, 2019 No. 752 "On certain issues of higher educational institutions of the Ministry of Education and Science of the Republic of Kazakhstan"; The Law of the Republic of Kazakhstan dated December 27, 2019 No. 293-VI ZRK "On status of a teacher"; Decree of the President of the Republic of Kazakhstan dated February 2, 2022 No. 802 "On Approval of the Concept of Anti-Corruption Policy of the Republic of Kazakhstan for 2022-2026 and amendments to some Decrees of the President of the Republic of Kazakhstan"; Order of the Minister of Education and Science of the Republic of Kazakhstan dated May 04, 2020 No. 174 "On Approval of the anti-Corruption standard for Ensuring Openness and transparency in organizations of higher and (or) postgraduate education".

The Department of Mathematics (6B01508 Mathematics-Physics, 8D05401 Mathematics), the Department of Physics and Technology (6B01509 Physics-Informatics), the Department of Biology (6B08301 Forest Resources, Hunting and Beekeeping), the Department of Computer Modeling and Information Technology (8D01501 Informatics) are structural divisions of the Higher School of IT and Natural Sciences.

EP 6B01508 Mathematics-Physics, 6B01509 Physics-Computer Science are aimed at training future teachers of mathematics, physics and computer science, as well as developing methods of teaching natural science subjects in general education schools. EP forms socio-cultural, linguistic, natural-mathematical, professional competencies in the field of fundamental foundations of the specialty and training technologies for future teachers of mathematics, physics and computer science.

EP 6B08301 Forest resources, hunting and beekeeping – a program aimed at training competent specialists in the field of forest resources, hunting and beekeeping, who are able to think strategically, make decisions taking into account their socio-cultural and individual-personal consequences, know ethical and legal norms and use them in their professional activities, are able to set specific goals, achieve their goals and objectives. in accordance with the goal, specific sustainable practical results for the benefit of conservation and enhancement of natural resources. Graduate's field of activity: research institutes and organizations; organizational and technological organizations; production and management organizations; design organizations; environmental organizations, national parks, nature reserves, botanical gardens, nature reserves; production laboratories for processing raw materials of animal and plant origin, gardening organizations and environmental profile; organizations that perform



protection works, control of reproduction and regulation of the use of objects of the animal world and their habitat; organizations for the production of beekeeping products.

Sc EP e of application EP 8D05401-Mathematics and 8D01501 Informatics are aimed at training a competitive specialist in the field of natural sciences, capable of independently conducting research activities, as well as creatively and professionally solving applied problems of fundamental mathematics, as well as introducing new scientific achievements in the field of informatics, digitalization of education. PhD students in the EP 8D05401-Mathematics and 8D01501 Computer Science can be in demand in scientific and educational institutions, educational and pedagogical centers, professional Development laboratories, and methodological projects-start up.



#### **(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE**

In accordance with Order No. 45-19-OD of 19.04.2019. From May 22 to May 24, 2019, an external expert commission assessed compliance with the standards of primary international specialized accreditation IAAR educational programs 6B01508 (5B012600) "Mathematics-Physics", 8D05401 (6D060100) "Mathematics", 6B01509 (5B012800) "Physics-Informatics", 6B08301 " Forest Resources, Hunting and beekeeping" (5B080300 "Hunting and animal husbandry"), 8D05401 (6D011100) "Informatics" of Sarsen Amanzholov East Kazakhstan State University.

At the meeting of the IAAR Accreditation Council of 18.06.2019, a decision was made on the international specialized primary accreditation of educational programs 6B01508 (5B012600) "Mathematics-Physics", 8D05401 (6D060100) "Mathematics", 6B01509 (5B012800) "Physics-Informatics", 6B08301 "Forest Resources, hunting and Beekeeping" (5B080300 "Hunting and Beekeeping"). animal husbandry"), 8D05401 (6D011100) "Informatics" of Sarsen Amanzholov East Kazakhstan State University for a period of 5 years.

Based on the results of the specialized accreditation procedure, an external expert commission made recommendations on improving the quality of the university's activities and educational services provided. In order to implement these recommendations, the university has developed an action plan for their implementation (approved at the meeting of the Academic Council of the University dated 12.03.2021 г.12.03.2021).

The first stage of post-accreditation monitoring was carried out on 28.05.2021 within the framework of the action plan for implementing the recommendations of the EEC and was carried out in accordance with the criteria for its implementation.

The second stage of post-accreditation monitoring was conducted on 05.09.2023.

Composition of the expert group on post-accreditation monitoring of the second stage:

1. Expert-Khamraev Sheripidin Itakhunovich, Candidate of Technical Sciences, Professor, Abay Kazakh National Pedagogical University (Almaty);
2. Expert-Ruslan Safarov, Candidate of Chemical Sciences, L. N. Gumilyov Eurasian National University (Astana);
3. Expert-Saule Zhorabekovna Burbekova, Candidate of Philology, Associate Professor Astana IT University (Astana);
4. IAAR Coordinator - Dinara Kairbekovna Bekenova, Head of the project on accreditation of TVET organizations of the IAAR (Astana).

Analysis of the report on the results of the expert group's work in the framework of post-accreditation monitoring of educational programs:

EEC recommendation: For EP "5B012600 Mathematics-Physics", "5B012800 Physics-Informatics", "6D060100-Mathematics", "6D011100 Informatics": conduct a systematic analysis and implementation of innovative proposals in the management of the educational program. The recommendation is being implemented at a sufficient level. *The implementation rate is 90%.*

EEC Recommendation: systematically update information on the website of the University and faculties in three languages. *The recommendation has been fully implemented.*

EEC Recommendation: to harmonize the content of educational programs with other Kazakh and foreign universities and to strengthen work on the implementation of joint educational programs with foreign educational organizations in all accredited educational institutions. *The implementation rate is 85%.*

EEC Recommendation: consider preparing students for professional certification in all accredited educational programs. *The recommendation is being implemented insufficiently. Certification is mandatory only for graduates of pedagogical universities. The implementation rate is 60%.*

EEC Recommendation: to strengthen the practice orientation of educational disciplines by conducting classes at the branches of departments. *The recommendation is being implemented. The implementation rate is 90%.*

EEC recommendation: to improve the communication of stakeholders about any changes in the EP by increasing the work in social networks, introducing digital technologies, etc. *The recommendation is being implemented. The implementation rate is 90%.*

EEC recommendation: To attract students and doctoral students in all accredited areas, strengthen career guidance through digitalization, for example, by creating a Digital School. *The implementation rate is 95%.*

EEC Recommendation: Create conditions for students to work independently in a dormitory and provide them with the EP portunity to work at a personal computer, since many people come from rural areas or other regions of the country and do not have the EP portunity to have their own lapt EP . You should purchase an additional set of computers or lapt EP s for your dorm. *The recommendation has been fully implemented.*

EEC Recommendation: Expand the range of programs and increase the number of students traveling within the framework of internal and external academic mobility in all accredited educational programs. *It is recommended to step up efforts to implement this recommendation. The implementation rate is 60%.*

EEC recommendation: Continue working on the Development of academic mobility of teaching staff (external and internal) within all accredited educational institutions. *Рекомендация реализуется достаточно. The implementation rate is 90%.*

EEC recommendation: Ensure uninterrupted EP eration of Wi-Fi in all university buildings. *The recommendation has been fully implemented.*

EEC Recommendation: Continue to improve the material and technical resources and IT infrastructure of graduate departments. **It is recommended to continue working on updating the EP 's material and technical base.** *The implementation rate is 80%.*

EEC Recommendation: Consider expanding the space of classrooms and recreation rooms for students. *The recommendation is currently being implemented. The implementation rate is 90%.*

EEC Recommendation: In accordance with the program of multilingualism, the university management should provide information content on the site in three languages. *The implementation rate is 100%.*

EEC Recommendation: Review the content of subjects for the educational programs "5B012600-Mathematics-Physics", 5B012800(6B01509) - "Physics-Computer Science", taking into account the latest achievements of science and education. *The implementation rate is 90%.*

EEC Recommendation: To continue activities aimed at providing students with practical experience and skills in all accredited educational programs. *The implementation rate is 90%.*

EEC Recommendation: The EP management should provide for the possibility of Open ing a branch of departments on the basis of enterprises for conducting individual classes or entire disciplines of specialization. *The recommendation is currently being implemented. The implementation rate is 80%.*

Based on the results of post-accreditation monitoring of the EP, the expert group notes that the total percentage of implementation of the recommendations of the HEC is 89%.

## **(V) DESCRIPTION OF THE EC SESSION**

The work of the EEC was carried out on the basis of the approved Program of the visit of the expert commission for specialized accreditation of educational programs in the Non-profit Joint-Stock Company "Sarsen Amanzholov East Kazakhstan University" in the period from May 15 to May 17, 2024.

In order to coordinate the work of the EEC, an orientation meeting was held on May 14, 2024, during which powers were distributed among the commission members, the schedule of the visit was clarified, and agreement was reached on the choice of examination methods. The Chairman of the EEC outlined the issues that experts should pay attention to during the visit.

In order to obtain objective information about the quality of educational programs, university activities, and clarify the content of self-assessment reports, meetings were held with the rector, vice-rectors of the university in their areas of activity, heads of structural divisions, dean of the faculty, heads of departments, teachers, students, graduates, and employers. A total of 141 representatives participated in the meetings (Table 1).

Table 1-Information about employees and trainees who participated in meetings with the IAAR EEC:

<b>Category of participants</b>	<b>Number</b>
of Rectors	1
Vice rectors	4
Heads of structural divisions	18
Heads of departments and EP managers	8
Teachers	32
Students	27
Graduates	13
Employers	12
<b>Total</b>	<b>115</b>

During the visual inspection, the EEC members got acquainted with the state of the material and technical base, visited departments, specialized offices, training centers, and a commercialization center, and got acquainted with star-up activities.

At the IAAR EEC meeting with the EKU task forces, the mechanisms of implementation of the EKU policy were clarified and the individual data presented in the EKU self-assessment report were specified..

EEC members attended a worksh EP session on pedagogical mathematics held in room 201 of the Graduate School of IT and Science. In accordance with the accreditation procedure, an online survey of teachers and students, including undergraduates, undergraduates and doctoral students, was conducted.

In order to confirm the information provided in the Self-assessment Report, external experts requested and analyzed the university's working documentation. Along with this, the experts studied the Internet positioning of the university through the official website of the university <https://EKU.edu.kz/ru/>. We also studied the information pages of Facebook and Instagram.

As part of the planned program, recommendations for improving EKU's accredited educational programs, devel EP ed by the EEC following the examination, were presented at a meeting with management on 5/17/2024.

## **(VI) COMPLIANCE WITH SPECIALIZED ACCREDITATION STANDARDS**

### **6.1. Educational Program Management Standard**

- *The university should demonstrate the Development of the goal and strategy for the Development of the EP based on the analysis of external and internal factors with a wide involvement of various stakeholders.*
- *Quality assurance policies should reflect the relationship between research, teaching, and learning.*
- *The university demonstrates the Development of a quality assurance culture.*
- *Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including the implementation of joint/two-degree education and academic mobility.*
- *The EP management ensures transparency in the Development of the EP Development plan based on an analysis of its functioning, the actual positioning of the university and the focus of its activities on meeting the needs of the state, employers, stakeholders and students.*
- *The EP management demonstrates the functioning of mechanisms for forming and regularly reviewing the EP Development plan and monitoring its implementation, evaluating the achievement of training goals, meeting the needs of students, employers and society, and making decisions aimed at continuous improvement of the EP.*
- *The EP management should involve representatives of interested groups, including employers, trainees and teaching staff, in the Development of the EP Development plan.*
- *The EP management should demonstrate the individuality and uniqueness of the EP Development plan, its consistency with national Development priorities and the Development strategy of the educational organization.*
- *The university must demonstrate a clear definition of those responsible for business processes within the EP, the distribution of job responsibilities of personnel, and the division of functions of collegial bodies.*
- *The EP management ensures coordination of the activities of all persons involved in the Development and management of the EP and its continuous implementation, and involves all stakeholders in this process.*
- *The management of the EP should ensure the transparency of the management system, the functioning of the internal quality assurance system, including its design, management and monitoring, and the ad EP tion of appr EP riate decisions.*
- *The management of the EP should manage risks.*
- \* *The EP management should ensure the participation of representatives of interested parties (employers, teaching staff, students) in the collegial management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program.*
- *The university must demonstrate innovation management within the framework of the EP, including the analysis and implementation of innovative pr EP osals.*
- *The EP management should demonstrate its Open ness and accessibility to teaching staff, employers, and other stakeholders.*
- *The EP management confirms the completion of training in educational management programs.*
- *The EP management should strive to ensure that progress made since the last external quality assurance procedure is taken into account when preparing for the next procedure.*

### ***Proof part***

Educational activities of the Higher Education Institution are carried out in accordance with the normative documents of the Ministry of Education and Science of the Republic of Kazakhstan and the Ministry of Education and Science of the Republic of Kazakhstan (formerly the Ministry of Education and Science of the Republic of Kazakhstan) in the field of higher education: the Law of the Republic of Kazakhstan "On Education" dated 27.07.2007; Order of the Ministry of Education and Science of the Republic of Kazakhstan dated July 20, 2022 No. 2 "On Approval of State Mandatory Standards of Higher and Postgraduate Education"; Order of the Ministry of Education and Science of the Republic of Kazakhstan No.152 of 20.04.2011 "On approval of the Rules of organization of the educational process on credit technology of training". The EKV has defined its activities in accordance with the GNI: internal orders, orders and other regulations on scientific activities, internal regulations and all types of activities, such as P EKV 009-21 "On the procedure for transferring and restoring, deducting and granting academic leave"; PR EKV 009-22 " Rules for organizing and conducting professional (pedagogical) practice and definition of organizations as bases of practice"; PR EKV 010-22 "Rules for organizing, conducting professional practice and defining organizations as bases of practice"; P EKV 013-23 About the branch of the Department of Sarsen Amanzholov East Kazakhstan University at the enterprise (in the organization); P EKV 009-23 "About the educational and methodological complex of the discipline"; N EKV 007-23 "On the Development of educational programs"; N EKV 014-23 "On the organization and conduct of



methodological decades"; N EKU 015-23 "On the planning and conduct of Open classes and mutual visits of teaching staff of departments of Sarsen Amanzholov East Kazakhstan University"; N EKU 020-21 "On the methodological seminar (sections) of the Department of Sarsen Amanzholov East Kazakhstan University"; P EKU 016-21 "On the use of the "Anti-plagiarism" system; P EKU 028-21 "On video lectures for the educational process using distance learning technologies"; P EKU 029-21 "On the procedure for organizing and conducting current monitoring of academic performance, intermediate and final certification of students at Sarsen Amanzholov Higher Education Institution"; P EKU 004-23 "Procedure for developing educational programs for students of the Sarsen Amanzholov Higher Education Institution". and implementation of two-degree and joint educational programs" and other internal regulatory documents.

The main document regulating the academic activity of the university is the Academic Policy (approved at the meeting of the Academic Council of Sarsen Amanzholov Higher Education Institution on December 30, 2021, Protocol No. 6), link to the document: <https://EKU.edu.kz/>. The quality management system, which is an integral part of the university's management system, provides coordination of tasks related to the quality of training specialists and improving student satisfaction.

Mission of the University: We train highly qualified human capital for the sustainable Development of the region by integrating education, science and industry. Vision: EKU is an innovative university that develops a high-tech educational, scientific and entrepreneurial environment based on the principles of sustainable Development and social partnership.

Experts confirm that the mission, vision, Development directions of the university, as well as the quality assurance policy were published on the university's website until May 12, 2024, but due to its reconstruction, they were not available during the period from May 15 to May 28, 2024 (<https://EKU.edu.kz/ru/page/missiya-i-videnie.html>). There is a Strategic plan for the Development of the university, the indicators of which are reflected in the Development Plans of the EP. However, these indicators differ from what employees say in interviews.

Since 2019, the university has switched to the European model of the Internal Quality Assurance System (QAS) based on the European Quality Assurance Standards for Higher Education. The University has developed a set of documented procedures for the main components of the educational process.

The University has an internal quality assurance system, defined a quality policy, goals and objectives. An Academic Council has been established to take measures to improve the academic activities of the university. Currently, a strategic planning system has already been implemented and work has begun on the transition to university autonomy. In order to improve the corporate culture of the university, the "Teacher's Code of Honor", "Student's Code of Honor", and "Rules of Academic Integrity" were developed and approved, which define the main ethical rules of conduct for teachers and students. Satisfaction with the university management system is monitored among employees and faculty members every year to improve corporate governance systems.

EP coordinators have been appointed, which are heads of departments, which have an additional load assigned to them, which is taken into account when forming the staffing table.

The university implements scientific activities through the implementation of grant funding projects; there is a sufficient basis for commercialization of the results of scientific activities. At the same time, two projects were won and are being implemented within the framework of the competition for grant financing of the most promising projects for commercialization of the results of scientific and (or) scientific and technical activities.

### ***Analytical part***

Within the framework of the visit, the Higher School of Economics held meetings, conversations and interviews with vice-rectors, heads of structural divisions, the dean of higher education, heads of departments, faculty members, students, representatives of employers'



organizations and graduates, as well as conducted a survey of faculty and students, producing familiarized with the university's educational infrastructure, material and technical facilities, etc. information and methodological resources and necessary documents, notes the following.

The EEC confirms that the university has a published quality assurance policy, which has been developed and implemented to ensure links between academic activities, scientific and methodological research, and social work. The strategic plan for the Development of Higher Education institutions reflects a set of measures to develop a culture of quality in the educational, research and educational process. The activities of the Development strategy are included in the work plans of the university's structural divisions. However, according to a survey conducted by the EEC of heads of structural divisions, the Development plans of the EEC do not fully reflect the quantitative indicators of internal and external academic mobility of teaching staff and students. The survey of employers showed that the EP management should expand the number of trainees and employers involved in the formation of the EP Development plan.

The EEC notes that the university demonstrates the management of educational programs in the context of the implementation of strategic documents. It also notes the focus of the mission and vision on meeting the needs of the state, society, real economy sectors, and potential stakeholders.

All documents on the management of educational programs developed at the university are based on the Strategic Development Plan, mission, and quality policy. Based on the accepted mission, goals and objectives of the university, all structural divisions of the university annually develop specific goals and objectives at the beginning of the academic year, which is also reflected in the Development plans of the EP.

The EP management has demonstrated its openness and accessibility to students, teaching staff, employers and other interested parties. The EEC was convinced of this in the course of online conversations with focus groups.

The transparency of the processes of forming the Development plan of the EP is confirmed by the participation of interested parties in their discussion. The management of accredited EOS also confirmed the participation of employers and trainees in the Development of the EOS. However, in the course of studying the submitted documentation and conducting interviews with employers, the EEC revealed their formal involvement.

The EEC did not find evidence of regular risk management activities in the implementation of the EP. In the context of accredited CS, it is necessary to carry out systematic work on forecasting and analyzing risks, as well as forming an appropriate risk map. There are no relevant regulations for such work.

As part of the interview with the heads of the EP, information was announced about the presence of certificates confirming the completion of training in educational management programs, but they were not submitted to the EEC.

The EEC noted that the university, having a sufficient number of research projects with grant funding, has the potential to commercialize the results of scientific activities already obtained. In addition, having a pool of partners from among employers and graduates, the university has the opportunity for joint activities aimed at commercialization of certain results.

***Strengths / best practices are missing.***

The EP management demonstrates its openness and accessibility to students, teaching staff, employers and other interested parties, creating appropriate conditions for improving the quality of work and employee motivation.

***Recommendations:***

- The management of the Educational institution should make adjustments to the Development plans of the educational institution for quantitative indicators of internal academic mobility of teaching staff and students by 01.09.2024.

- To expand the number of trainees and employers involved in the formation of the EP Development plan by 01.09.2024.
- The management of the EP should develop EP risk management regulations for the implementation of the EP by 01.09.2024.
- To develop EP mechanisms for commercialization of scientific projects by 01.06.2025 with the involvement of industrial partners.

***EEC's conclusions based on the following criteria:***

*According to the standard "Educational program management" in EP 6B01508 Mathematics-physics, 6B01509 Physics-Computer Science, 6B08301 Forest resources, hunting and beekeeping, 8D05401 Mathematics, 8D01501 Computer Science have 1 strong position, 15 satisfactory positions, 1 требую improvement requiredm улучшения.*

***6.2. Information Management and Reporting Standard***

- *The university should ensure the functioning of a system for collecting, analyzing and managing information based on modern information and communication technologies and software tools.*
- *The EP management demonstrates the systematic use of processed, adequate information to improve the internal quality assurance system.*
- *The EP management demonstrates the existence of a reporting system that reflects the activities of all structural divisions and departments within the EP, including an assessment of their performance.*
- *The university should determine the frequency, forms and methods of evaluating the management of the EP, the activities of collegial bodies and structural divisions, and the EP management.*
- *The university must demonstrate a mechanism for ensuring information security, including identifying those responsible for the accuracy and timeliness of information analysis and data provision.*
- *The university demonstrates the involvement of students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them.*
- \* *The EP management should demonstrate that communication mechanisms are in place with students, employees, and other stakeholders, including conflict resolution.*
- *The university should measure the degree of satisfaction with the needs of teaching staff, staff and students within the framework of the EP and demonstrate evidence of addressing the identified shortcomings.*
- *The university should evaluate the effectiveness and efficiency of its activities, including in the context of EP.*

*Information collected and analyzed by the university within the framework of the EP should take into account:*

- *key performance indicators;*
- \* *dynamics of the student body in terms of forms and types;*
- *academic performance, student achievement, and deduction;*
- \* *satisfaction of students with the implementation of the EP and the quality of education at the university;*
- *availability of educational resources and support systems for students;*
- *employment and career Development of graduates.*
- *Students, employees and teaching staff must document their consent to the processing of personal data.*
- \* *The EP management should help to provide all the necessary information in the relevant fields of science.*

***Proof part***

The University has a system for collecting, analyzing and managing information based on the use of modern information and communication technologies. An information and educational portal for monitoring the university's academic activities has been developed and implemented. The university also uses the automated information system Platonus, which provides for data transfer to the information system of the EUWE. Feedback is provided through paper and electronic document management, regular questionnaires, personal requests, applications, memos, the rector's blog, and groups in social networks. The management of the university and educational programs conducts meetings with students as necessary to clarify any questions that arise. To organize the educational process, an Automated Information System (AIS) has also been introduced, which includes subsystems for student administration and support of the educational process (<http://ais.EKU.edu.kz/vkgu/>) and a distance education portal

(<https://edu.EKU.edu.kz>), a mobile version of the "eUniver" system has been developed. EP ed. Subsystems enable the university to track the completion of the rating journal, attendance, control of students' knowledge, assignment of teaching staff to academic disciplines, calculation of hours by department, formation of working curricula, student transcript, testing, automatic generation of reports according to various criteria, support of knowledge assessment processes for students within the rating system, admission of exams by testing method. encryption of students' written works, etc.

Information protection and security is ensured by an unambiguous distribution of roles and functions in the information systems used, the availability of antivirus programs, system administration of servers, a backup system on servers, restriction of access of individuals to the premises with servers, technical equipment of premises with servers to ensure work security.

Information about the university's activities, including the results of its analysis, is fully reflected in the annual reports of structural divisions, reports on areas of activity (educational, research, educational, financial, administrative and economic, international, etc.). Individual faculty reports are the basis for generating faculty reports. Reports are considered at meetings of the university's collegial governing bodies – meetings of working groups, faculty, Academic Council, Scientific and Technical Council, etc.

In order to assess the effectiveness of the EP's activities, stakeholders annually take part in a survey on satisfaction with the quality of educational services. The results of the survey are considered in the framework of the work of special commissions under the direction of the head of the educational program. Decisions are made on corrective actions and their implementation.

The management's policy for resolving conflicts of interest consists in implementing preventive measures and includes: familiarizing teaching staff, employees and students with the provisions of internal regulatory documentation, requirements for the organization of the educational process, the main areas of work of structural divisions, internal regulations, etc.

The communication mechanism is implemented using corporate mail not only to exchange mail messages, but also to improve the corporate image of the university. Upon employment, the teaching staff agrees to the processing of personal data for submission in the telephone directory, on the website and other information systems of the university.

Sarsen Amanzholov VCU has a registration Office of the Student Service Center "Parasat" (DSP), which operates on the principle of "one window", which provides students with appropriate services on administrative, educational and advisory issues, procedures for ensuring the re-passing of the exam, rehabilitation and transfer of students, support for the organization of the summer semester, etc.

The University also organizes meetings with media representatives and bloggers of the region in the University's TV and radio studio. The University has signed a memorandum with the regional TV channel "ALTAI", journalists are constantly present at events at both university and city, regional levels.

### ***Analytical part***

Experts noted that the university has a fully functioning information and reporting management system. Information management includes the management of traditional flows and digital information flows. However, an interview with the Higher School of Economics showed that university employees do not properly use the electronic document management system introduced at the university документооборот in terms of forming university reports and supporting students.

The EEC notes that the information generally collected within the framework of the university's activities, including through statistical processing of information, reporting, allows you to form analytical reports and make decisions based on facts.

During the EEC visit, there were no difficulties in analyzing the activities of the university, faculties and EP, since the requested information was provided in a timely manner.

During the online survey of teaching staff, the level of feedback between teaching staff

and management was 71.7% (33 respondents) Teaching staff was rated "very good", 28.3% (13 respondents) - "good".

82.6% (38 respondents) are fully satisfied with participation in managerial decision-making (38 анкетирuемых 17.4% (8 respondents) were partially satisfied with their teaching staff.

Accessibility of university management to teachers 78.3% (36 respondents) Teaching staff was rated "very good", 21.7% (10 respondents) - "good".

At the same time, 34.8% (16 respondents) answered the question "How does the management and administration of the university perceive criticism in their address?" (анкетирuемых) Teaching staff responded "very well", 63% (29 respondents) – "good", 2.2% (1 respondent) - "relatively bad".

An online survey of students showed:

- 85.7% (66 respondents) of students are fully satisfied with the content and information content of the website of the educational organization as a whole and faculties, in particular, полностью удовлетворены 85,7% анкетирuемых) 13% (10 respondents) are partially satisfied; 1.3% (1 respondent) are partially dissatisfied;

- 89.6% (69 respondents) of students are fully satisfied with the speed of response to feedback from teachers regarding the educational process 9,6% (69 анкетирuемых) обучающихся, частично удовлетворены – 10,4, and 1,0. 4% (8 respondents) are partially satisfied).

- 87% (67 respondents) of students are fully satisfied with informing students about courses, educational programs and academic degrees obtained (67 анкетирuемых) обучающихся, частично удовлетворены, and 13 % (10 respondents) are partially satisfied.

***Strengths/best practices***  
missing items.

#### ***FEC recommendations***

To ensure the development of an electronic document management system for automating university processes related to the formation of university reports and student support until 01.06.2025.

#### ***EEC's conclusions based on the following criteria:***

*According to the standard "Information management and reporting" in EP 6B01508 Mathematics-Physics, 6B01509 Physics-Computer Science, 6B08301 Forest resources, hunting and beekeeping, 8D05401 Mathematics, 8D01501 Computer Science have 17 satisfactory positions.*

#### **6.3. Standard "Development and approval of the educational program"**

- *The university must demonstrate that there is a documented procedure for development of the EP and its approval at the institutional level.*
- *The university must demonstrate that the developed EP meets the established goals and planned learning outcomes.*
- *The management of the EP should determine the impact of disciplines and professional practices on the formation of learning outcomes.*
- *The university can demonstrate the existence of a model of an EP graduate describing learning outcomes and personal qualities.*
- *Qualifications awarded upon completion of the EP should be clearly defined, explained and correspond to a certain level of NSC, QF-EHEA.*
- *The EP management should demonstrate the modular structure of the program, based on the European Credit Transfer and Accumulation System (ECTS), and ensure that the EP and its modules (in terms of content and structure) meet the goals set, with a focus on achieving the planned learning outcomes.*
- *The management of the EP should ensure that the content of academic disciplines and learning*



outcomes correspond to each other and the level of study (bachelor's, master's, doctoral studies).

- The management of the EP should demonstrate that external reviews of the EP are conducted.
- The management of the EP should provide evidence of the participation of students, teaching staff and other stakeholders in the Development of the EP, ensuring its quality.
- The EP management should demonstrate the positioning of the EP in the educational market (regional/national/ international), its uniqueness.
- An important factor is the ability to prepare students for professional certification.
- An important factor is the presence of a two-degree EP and / or joint EP with foreign universities.

### **Proof part**

The Development and approval of educational programs at the university is carried out in accordance with the provisions of regulatory legal acts in the field of higher and postgraduate education, the Strategic Plan of the University, as well as internal regulatory documents. The Development and approval of the EP is regulated by the Regulation on the Development and Approval of educational programs. Updating of educational programs at the University is carried out according to the algorithm reflected in the regulation P VCU 007-23 "Regulation on the Development of educational programs", as well as "Rules for maintaining the register of educational programs implemented by organizations of higher and (or) postgraduate education, as well as the grounds for inclusion in the register of educational programs and exclusion from it" approved by the Order of the Ministry of Foreign Affairs of the Republic of Kazakhstan dated 12 October 2022 No. 106.

The objectives of the EP are consistent with the mission of the university, the National Qualification System. When developing the EP, the degree of labor intensity of the student's academic load is taken into account for all types of educational activities provided for in the curriculum, and credits are clearly defined. The content of academic disciplines and the results of training of accredited educational institutions correspond to the level of training and professional standards in this field.

The EP is developed taking into account the proposals of organizations and institutions of Ust-Kamenogorsk, interested persons, students involved in the selection and formation of the list of elective subjects, the Development of the EP of graduation papers, as well as the opinions and suggestions of students and employers based on the results of professional practices, suggestions of the SAC chairmen. It also takes into account the demand for graduates in various fields, the recognition of the quality of specialist training by employers in the region.

The EP is updated in accordance with employers' requests, which is reflected in the catalog of elective subjects for the corresponding academic year and approved at meetings of the Higher School and at a meeting of the Academic Council of the University. Recommendations for updating the EP are sent from potential employers to the EP managers.

The Academic Council (AC) provides assistance in updating the EP. The AC consists of representatives of the university from among the teaching staff, and to ensure an interdisciplinary approach, the AC involves representatives of both specialized and providing general education and basic training of academic divisions (departments, higher schools, etc.), representatives of students and employers.

The EP regulates the goals, expected learning outcomes, content, conditions and technologies for implementing the educational process, assessment of the quality of graduate training in the field of training and includes: a passport of the educational program, a map of the training profile within the educational program, a qualification characteristic of the graduate, a map of competencies, the content of the educational program, a modular reference book, a summary table reflecting the in the context of modules of the educational program, control and evaluation of learning outcomes, the model of the graduate of the educational program, programs of educational and industrial practices, regulatory and methodological support for the system for assessing the quality of students' mastering the EP.

The university demonstrates its readiness to implement two-degree and / or joint educational programs.

The degree of satisfaction of employers with the quality of training of specialists is expressed in the reports of the SAC chairmen. The EP inion of the Chairman of the SAC is discussed at the meetings of the SC and is one of the grounds for reviewing the content and implementation strategies of the Development plan of the SC.

### **Analytical part**

During the visit, experts analyzed educational programs, educational and methodological support for their implementation. The documentation is developed in accordance with intra-university guidelines and regulatory requirements of the Republic of Kazakhstan.

The University demonstrated its participation in the working groups on the Development of the AP of teaching staff, students, employers and stakeholders. The composition of the working group is indicated in the structure of each EP.

The content of these programs and the sequence of their implementation meet the regulatory requirements and requirements of the labor market. The results of training in each discipline correspond to the results of training in the educational program as a whole.

The university is ready to implement two-degree educational programs with educational institutions of other countries, but there is no approved EP for the implementation of such a program.

### **Strengths/Best practices:**

missing items.

### **Recommendations:**

To develop a roadmap for the implementation of a two-degree or joint EP with domestic or foreign universities by 31.12.2024. Provide a set of students on the EP data.

### **EEC's conclusions based on the following criteria:**

According to the standard "Development and approval of educational programs" in EP 6B01508 Mathematics-Physics, 6B01509 Physics-Computer Science, 6B08301 Forest resources, hunting and beekeeping, 8D05401 Mathematics, 8D01501 Computer Science have 11 satisfactory positions, 1-requires improvement.

### **6.4. Standard "Continuous monitoring and periodic evaluation of educational programs"**

- The university should ensure that the content and structure of the EP are reviewed, taking into account changes in the labor market, the requirements of employers and the social demand of society.
- The university must demonstrate that there is a documented procedure for monitoring and periodically evaluating the EP in order to achieve the goal of the EP. The results of these procedures are aimed at continuous improvement of the EP.

Monitoring and periodic evaluation of the EP should consider:

- content of programs in the context of the latest achievements in science and technology in a particular discipline;
- changes in the needs of society and the professional environment;
- students' workload, academic performance, and graduation rate;
- effectiveness of student assessment procedures;
- the needs and degree of satisfaction of students;
- Compliance of the educational environment and support services with the goals of the EP.
- All interested parties should be informed of any planned or implemented actions regarding the EP. All changes made to the EP must be published.
- Support services should identify the needs of different groups of students and the degree of their satisfaction with the organization of training, teaching, assessment, and Development of the EP in general.

### **Proof part**

The University constantly monitors and periodically evaluates educational programs – the



EP is updated by 20% annually. Updating is made taking into account the analysis of the labor market, changes in the National Framework and Qualifications, professional standards, EP inions of potential employers, students and other interested parties. This takes into account: the relevance of this RO in the labor market (at the national, regional or local levels); the adequacy of methods for assessing the Development of students' learning outcomes provided for in the EP ; compliance of students' activities during the educational process with the devel EP ed RO; ensuring transparency of the process of teaching, learning and evaluating the Development of RO; however, it is not noted that changes related to the Development of IT and artificial intelligence.

Evaluation of the quality of the Development of the EP is carried out by the quality assurance commission with the involvement of stakeholders. The devel EP ed educational program is checked for borrowing and uniqueness in the Anti-plagiarism system (checking the EP for plagiarism).

The main tasks of the educational process, according to the assessment, are: training highly qualified specialists, meeting the individual's needs for intellectual, cultural and moral Development, acquiring professional education in the chosen specialty, spreading legal, humanitarian and technical knowledge, improving their general education and cultural level.

The Registration office of the Higher School of Economics and the Department of Postgraduate Education organize the registration of students for the study of academic disciplines with the involvement of structural divisions and advisors; form academic groups and streams; register individual curricula of students; organize and conduct intermediate and final attestations of students, etc.

The University's website does not meet publish the contents of the EP , as well as all changes to the EP .

### **Analytical part**

The EEC was convinced that the university provides a review of the content and structure of the EP, taking into account changes in the labor market, the requirements of employers and the social demand of society; demonstrates the existence of a documented procedure for monitoring and periodically evaluating the EP to achieve the goal of the EP.

The mentioned regulatory documents state that in order to avoid chaotic selection of elective subjects to choose from, students, undergraduates and doctoral students are provided with several educational trajectories - lists of elective subjects and sequences of their study, which allow them to obtain an additional list of professional skills and competencies focused on a specific field of activity, taking into account the needs of the labor market and employers. However, interviews with university staff showed that due to the large number of unprofitable (small) groups for training, the university does not use the possibility of using individual learning paths.

Having considered the stages of changing the EP , the HEC was convinced that there are no changes in the content of the EP 6B01508 Mathematics-Physics, 6B01509 Physics-Computer Science, 8D05401 Mathematics, 8D01501 Computer Science in the context of the Development of technologies in the field of artificial intelligence, despite the need to study and devel EP these areas.

Analysis of the university's website showed that there is no publication of the content of the EP , as well as all changes to the EP on the university's website in the section of the issuing department on an ongoing basis.

### **Strengths/Best practices:**

missing items.

### **Recommendations:**

- The management of the EP should ensure that the contents of the EP, as well as all changes to the EP, are published on the university's website in the section of the issuing department on an ongoing basis.

***Recommendations for EP 6B01508 Mathematics-Physics, 6B01509 Physics-Computer Science, 8D05401 Mathematics, 8D01501 Computer Science:***

- The management of the EP should make changes to the content of the EP in the context of the Development of technologies in the field of artificial intelligence by 01.09.2024.  
 - EP management should make changes to the content of the EP in the context of the Development of robotic systems by 01.09.2024 (for mathematics-physics and physics-informatics).

***EEC's conclusions based on the following criteria:***

*According to the standard "Continuous monitoring and periodic evaluation of educational programs" in EP 6B01508 Mathematics-Physics, 6B01509 Physics-Computer Science, 6B08301 Forest resources, hunting and beekeeping, 8D05401 Mathematics, 8D01501 Computer Science have 10 satisfactory positions.*

*6.5. Standard "Student-centered learning, teaching and assessment of academic performance"*

- *The EP management should ensure respect and attention to different groups of students and their needs, and provide them with flexible learning paths.*
- *The EP management should ensure that teaching is based on modern achievements of world science and practice in the field of training, the use of various modern teaching methods and assessment of learning outcomes that ensure the achievement of the EP goals, including competencies, skills in performing scientific work at the required level.*
- *The management of the EP should determine the mechanisms for distributing students' academic load between theory and practice within the EP, ensuring that each graduate learns the content and achieves the goals of the EP.*
- *An important factor is the availability of our own research in the field of methods of teaching EP disciplines.*
- *The university must ensure that the procedures for evaluating learning outcomes are consistent with the planned results and goals of the EP.*
- *The university should ensure consistency, transparency and objectivity of the mechanism for evaluating the learning outcomes of the EP. Criteria and methods for evaluating learning outcomes should be published in advance.*
- \* *Evaluators should be familiar with modern methods of evaluating learning outcomes and regularly improve their skills in this area.*
- *The EP management should demonstrate that there is a system of feedback on the use of various teaching methods and assessment of learning outcomes.*
- *The EP leadership should demonstrate support for student autonomy, while providing guidance and assistance from the teacher.*
- *The EP management should demonstrate that there is a procedure in place to respond to student complaints.*

***Proof part***

The academic policy of the university is aimed at meeting the needs of various categories of students. The EP manual also takes into account the individual characteristics of students. The academic environment of the university assumes that the student is the main participant in the implementation of the EP, in this regard, to ensure the quality of the educational process, first of all, his interests are taken into account and teaching is based on the principles of student-centered learning.

Students' progress along the educational path is tracked through the AIS and Platonus modules. For the purpose of monitoring learning outcomes, EP managers have access to the functions of viewing students' academic and academic records.

The University implements the principle of transparency: the policy and evaluation criteria are reflected in the educational and methodological complex of disciplines; syllabuses are provided to each student; the results of the current rating control are announced at each lesson; the results of exams, including computer testing, are announced immediately after their completion; a mechanism for appealing exam results is provided.

Students who have fully completed the educational process in accordance with the requirements of the working and individual curriculum, and working curricula, are allowed to complete the final certification. The overall academic performance of graduates can be traced by the results of the final certification.

For the period of the examination session, an appeal commission is created from among teachers whose qualifications correspond to the profile of disciplines.

The appeal is held on the day following the examination in accordance with the approved regulations. The decision of the appeal commission to change the final grade is justified in the protocol and entered in the exam sheet.

The University creates conditions for students to effectively master theoretical knowledge and practical skills. For this purpose, classroom and extracurricular activities are practiced, including in specialized classrooms. The knowledge and skills acquired in the course of training are consolidated by students during professional practices, which are a mandatory stage of mastering the EP. All types of internships are held in the conditions of EP erating production and performing real research work.

In order to provide information to students, the university has an interactive information panel. For students, the university's website contains Call Center contacts for calls and WhatsApp messages and e-mail for written requests.консультирования обучающихся на сайте университета размещены контакты Call-центра для звонков и сообщений WhatsApp и e-mail для письменных обращений.

The university demonstrates the existence of a weak feedback system on the use of various teaching methods and evaluation of learning outcomes, reflected in the syllabuses of the EP disciplines.

### ***Analytical part***

During the visit, the EEC experts on this standard came to the following conclusions.

The University and the EP management demonstrate a targeted policy of implementing measures to take into account the needs and individual characteristics of students in both academic and extracurricular activities. The result of forming a learning path is the creation of an individual curriculum, but during interviews with students, the HEC revealed that students are not always informed about the possibility of choosing an individual learning path.

Based on the results of the syllabus analysis, it was found that there is little use of active and innovative methods of teaching and learning, and a small amount of own research and Development in the field of teaching methods of academic disciplines.

In the course of conducting interviews with students, HEC experts were convinced that the university has good social support, which is reflected in a favorable socio-psychological climate and a pronounced corporate identity of both the teaching staff and students.

The survey analysis shows that

54.3 % (25 respondents) Teaching staff assess the degree of academic freedom of teaching staff "very well", 43.5% (20 respondents) - "good" and 2.2 % (1 respondent) - "relatively bad".

69.6% (32 people) Teaching staff believe that teachers can use their own learning strategies "very well", 30.4% (14 respondents) - "well".

80.4% (37 respondents) can use their own teaching methods "very well" (анкетируемых) Teaching staff, "good" - 19.6,6% (9 respondents).

84.4% (65 respondents) of students fully agree that the university provides equal EP opportunities for mastering EP and personal Development for all students, while 15.6% (12 respondents) agree.

83.1% (64 respondents) fully agree with the fact that the teacher uses effective teaching methods (64 анкетируемых), 15.6% (12 respondents) agree, and 1.3% (1 respondent) partially agree.

***Strengths/Best practices:***

missing items.

***Recommendations:***

- The EP management should organize an annual scientific and methodological conference on the use of modern teaching methods in practice.

- ORGANIZATION OF HIGHER AND POSTGRADUATE EDUCATION to organize work on research in the field of methods of teaching disciplines within the framework of the EP in the period up to 31.05.2025 in order to introduce it into the educational process.

***EEC's conclusions based on the following criteria:***

*According to the standard "Student-centered learning, teaching and assessment of academic performance" in the EP 6B01508 Mathematics-Physics, 6B01509 Physics-Computer Science, 6B08301 Forest resources, hunting and beekeeping, 8D05401 Mathematics, 8D01501 Computer Science have 10 satisfactory positions.*

**6.6. The "Learners" Standard**

- *The university must demonstrate the policy of forming a contingent of students and ensure transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) should be defined, approved, and published.*

- *The EP management should provide for special adaptation and support programs for newly enrolled and foreign students.*

- \* *The university must demonstrate that its actions comply with the Lisbon Recognition Convention, including the existence and application of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal education.*

- *The university should provide EP opportunities for external and internal academic mobility of students, as well as assist them in obtaining external grants for training.*

- *The university should actively encourage students to self-educate and devel EP outside of the main program (extracurricular activities).*

- *An important factor is the availability of a support mechanism for gifted students.*

- *The university should demonstrate co EP eration with other educational organizations and national centers of the " Eur EP ean Network of National Academic Recognition and Mobility Information Centers/ National Academic Recognition Information Centers " ENIC / NARIC in order to ensure comparable recognition of qualifications.*

- *The university should provide students with places of practice, demonstrate the procedure for promoting employment of graduates, and maintain communication with them.*

- *The university must demonstrate the procedure for issuing graduates with documents confirming their qualifications, including the achieved learning outcomes.*

- *The EP management should demonstrate that graduates of the program have skills that are in demand in the labor market and that these skills are really in demand in the labor market.*

- *The management of the EP should demonstrate the existence of a mechanism for monitoring the employment and professional activities of graduates.*

- *An important factor is the existence of a functioning alumni association.*

***Proof part***



One of the main goals of the University is to ensure the formation of a contingent of students from among the most talented and capable applicants to continue their studies. Over the past 4 years, the university has increased the number of students from 4 thousand to 10 thousand. Table 1 below shows the number of accredited SPS.

Table 1-Student body of accredited educational programs

Educational program	Admission Years			
	2020 -2021 Academic year	2021 -2022 academic year	2022 -2023 academic year	2023 -2024 Academic year
6B01508 Mathematics-Physics	116	167	190	177
5B012800 Physics-Computer Science	49	82	90	81
6B08301 Forest Resources, Hunting and Beekeeping	69	100	150	173
8D05401 Mathematics	0	0	2	2
8D01501-Computer Science	1	2	5	5

For academic support of students who are unable to meet academic requirements, the EP uses counseling, conducting additional classes, and organizing a summer semester. The main task of group (or individual) academic counseling of students is to explain the main provisions of theory and practice necessary for the formation of appropriate skills, as well as setting them to complete homework of a general nature. Group academic counseling is conducted with a full academic group in an active form.

The university pays attention to the possibility of developing students outside of academic programs, for which many events and master classes are held, including on the basis of organizations that are potential practice bases. Encouraging students to develop additional competencies is well presented. Students are involved in research and Development activities together with the teaching staff. As part of the implementation of projects carried out at the departments of accredited universities, students participate in observations, primary processing and analysis of statistical material, etc. на кафедрах аккредитуемых ОП, Research results are presented at various levels of scientific and practical conferences, scientific circles and seminars. There are scientific schools, and students are allowed to work with laboratory equipment and in special classrooms.

Financial support is also provided to students in need.

The university has sufficient potential to implement academic mobility programs, but there is no active work on sending students to other universities and organizations.

In the previous year, the employment rate of graduates in accredited educational programs was 98%.

### ***Analytical part***

After analyzing the submitted documents and the results of the HEC's visit to the University, as well as meetings with students, graduates and employers, the commission came to the conclusion that the university has a policy of forming a contingent of students. There is a system of encouraging and motivating students by providing financial assistance, organizing scientific and other events.

At the same time, the EEC notes that there is a tendency to reduce the external and internal academic mobility of students and teaching staff. Increasing the number of students within the framework of academic mobility in all accredited educational programs should be a higher priority for the Development of the university at the moment.

A conversation with stakeholders showed that the university's communication with them takes place, but the EEC did not find the alumni association as such. It is necessary to establish the functioning of such an organization. The regulations on the Alumni Association are published on the university's website.

***Strengths/Best practices:***

The university demonstrates the absence of a strong mechanism for supporting gifted students.

***Recommendations:***

- The management of the educational institution and the university should ensure a gradual increase in external and internal academic mobility of students on a systematic basis, reflecting this in the indicators of the university's Development programs and each educational institution. Reflect academic mobility indicators in the Development Program until 01.09.2024.

- The university management should organize the work of the Alumni Association on a permanent basis. Create a Graduate section on the university's website by 01.09.2024.

***EEC's conclusions based on the following criteria:***

*According to the standard "Students" in EP 6B01508 Mathematics-physics, 6B01509 Physics-Computer Science, 6B08301 Forest resources, hunting and beekeeping, 8D05401 Mathematics, 8D01501 Computer Science have 1 strong position, 10 satisfactory positions, 1 requires improvement.*

***6.7. Standard "Teaching staff"***

- *The university should have an objective and transparent HR policy in the context of the EP, including hiring (including invited faculty members), professional growth and staff Development, ensuring the professional competence of the entire staff.*
- *The university must demonstrate that the quality of teaching staff meets the established qualification requirements, the university's strategy, and the goals of the EP.*
- *The EP management should demonstrate a change in the role of the teacher in connection with the transition to student-centered learning and teaching.*
- *The university should provide EP opportunities for career growth and professional Development of teaching staff, including young teachers.*
- *The university should attract specialists from relevant industries who have professional competencies that meet the requirements of the EP to teach.*
- *The university must demonstrate the existence of a mechanism for motivating the professional and personal Development of teaching staff.*
- *The university must demonstrate the wide use of teaching staff of information and communication technologies and software tools in the educational process (for example, on-line training, e-portfolio, MOHS, etc.).*
- *The university must demonstrate its focus on developing academic mobility and attracting the best foreign and domestic teachers.*
- *The university must demonstrate the involvement of each teacher in promoting a culture of quality and academic integrity in the university, and determine the contribution of teaching staff, including invited ones, to achieving the goals of the EP.*
- *An important factor is the involvement of teaching staff in the Development of the economy, education, science and culture of the region and the country.*

***Proof part***

Analysis of the needs of accredited educational institutions is the basis for inviting personnel to academic activities at the university. In VCU, the HR department implements the following stages: hiring, promotion, promotion, reduction, dismissal, rights and obligations, certification. The personnel policy has been implemented, which is based on the principles of objectivity, transparency, meritocracy and is focused on improving the quality of educational



services. The university publishes timely announcements about the contest in the national mass media about vacant positions. Job descriptions have been developed for all categories of teaching staff and employees, taking into account the qualification requirements.

The qualitative composition of teaching staff is represented by doctors of sciences, candidates and doctors of PhD.

Educational programs 6B01508 (5B012600) "Mathematics-Physics", 8D05401 (6D060100) "Mathematics", 6B01509 (5B012800) "Physics-Informatics", 8D05401 (6D011100) "Informatics" are implemented by the university's teaching staff, which consists of 44 full – time employees and 2 part – time employees. Of the full-time teachers, 29 people have an academic degree, and the department is 63% settled down. All teachers have a basic education that corresponds to the training profile declared by the EP .

The teaching staff of the Biology Department, which implements EP 6B08301 "Forest resources, hunting and beekeeping" (5B080300 "Hunting and animal husbandry"), has 12 full-time teachers, of which 6 are candidates of science. The degree rating for this department is 50%. The average age of teachers is 57 years. The rate of settling down in the direction of EP " 6B08301-Forest resources, hunting and beekeeping "(6B08-Forestry) is 40.38 %.

These departments do not employ foreign specialists.

Teaching staff of these departments have publications in international rating publications, patents, author's certificates and certificates of completion of advanced training courses.

The University is a member of the anti-corruption charter of universities of the East Kazakhstan region, as well as the League of Academic Integrity created by universities of Kazakhstan.

The quality of the conducted classes and teaching methods of teaching staff is assessed by control visits and mutual visits to Open classes of teachers in accordance with the plans approved at the beginning of the academic year. Open and demonstration classes are held to ensure the continuity of generations. Based on the results of such classes, a protocol on mutual visits to classes is compiled and submitted. The schedule of Open classes and mutual visits is approved by the heads of departments. One of the conditions for ensuring the quality of teaching is the amount of teaching staff workload. By the beginning of the academic year, the teaching staff will draw up an individual teacher's work plan. The types of work reflected there correspond to the mission, goals and objectives of the accredited EP and the university as a whole.

There is a slight increase in external and internal academic mobility of teaching staff in accredited educational programs.

### ***Analytical part***

In general, the quantitative and qualitative composition of the teaching staff of the accredited educational programs of the Higher School of Economics is stable. All teachers of the departments serving the accredited educational institutions have a basic education in the corresponding profile. Employment contracts and contracts were concluded with all teachers based on the decision of the competitive commission for filling positions. All teachers carry out the training load in accordance with the norms of the distribution of hours. The implementation of the teaching load and individual work plans of university teachers is reviewed at meetings of the Councils of Higher Schools, and the general report on the university is reviewed at the Academic Council of the University.

Based on the analysis of the submitted documentation, visual inspection and interviewing of stakeholders, the EEC notes that the university conducts an objective and high-quality personnel policy, creates the necessary conditions for the professional Development of teaching staff.

The analysis of documents and interviews with the head of the department and teaching staff showed that teachers participate in research work and publish its results. However,

academic mobility of teaching staff is poorly represented. Foreign teachers do not conduct classes in accredited educational institutions.

In the course of interviews and questionnaires, the overwhelming majority of students (more than 90%) agreed with the statements that the teacher presents the material in a clear and interesting form and meets the requirements of personal Development and professional Development. A fairly strong interest in learning is provided by the efforts of the faculty of graduate departments and the quality of the educational process.

***Strengths/Best practices:***

The university demonstrates the existence of a mechanism for motivating the professional and personal Development of teaching staff.

***Recommendations:***

- The management of the Department and the university should ensure a gradual increase in external and internal academic mobility of teaching staff on a systematic basis, reflecting this in the indicators of the university's Development programs and each department.

- The management of the EP and the university should ensure the involvement of foreign and domestic teachers of rating universities in the implementation of the EP by 01.06.2025.

***EEC's conclusions based on the following criteria:***

*According to the standard "Professional teaching staff" EP 6B01508 Mathematics-physics, 6B01509 Physics-computer science, 6B08301 Forest resources, hunting and beekeeping, 8D05401 Mathematics, 8D01501 Computer Science have 1 strong position, 7 satisfactory positions, 2 require improvement.*

*6.8. Standard "Educational resources and student Support Systems"*

- *The university must ensure that the infrastructure and educational resources, including material and technical ones, meet the goals of the educational program.*
- *The EP management must demonstrate that classrooms, laboratories, and other facilities equipped with modern equipment are sufficient to meet the EP 's goals.*
- *The university must demonstrate that the information resources meet the needs of the university and the implemented educational programs, including in the following areas:*
  - *technological support for students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs);*
  - *library resources, including a fund of educational, methodological and scientific literature on general education, basic and profile disciplines on paper and electronic media, periodicals, access to scientific databases data collection;*
    - *examination of research results, graduation papers, and dissertations for plagiarism;*
    - *access to educational Internet resources;*
    - *WI-FI EP eration on its territory.*
- *The university must demonstrate that it creates conditions for conducting scientific research, integrating science and education, and publishing the results of research work of teaching staff, employees, and students.*
- *The university should strive to ensure that the educational equipment and software used for mastering educational programs are similar to those used in the relevant sectors of the economy.*
- *The EP management should demonstrate that there are procedures in place to support various groups of students, including informing and advising them.*
- *The EP management should show that there are conditions for the student's progress along the individual educational path.*
- *The university should take into account the needs of different groups of students (adults, working people, foreign students, as well as students with special educational needs).*
- *The university must ensure that the infrastructure meets the security requirements.*

***Proof part***

The University has a material and technical base that provides all types of practical training and research work of students provided for in the curriculum of accredited educational institutions.

The University has state-of-the-art resources, and their content provides the conditions necessary for providing high-quality educational services. On the balance sheet of the University there are 8 teaching and laboratory buildings with a total area of 58661.5 sq. m., including the teaching and laboratory area of 19310.6 sq. m. The design capacity of the University is 11,200 places.

Specialized offices of the STEM Center, Robolabs, and the Dana Bala Center for Continuing and Inclusive Education operate on the basis of the university. The PARASAT Student Service Center and the A. N. Trunov fitness center are active.

The University has at its disposal:

- game sports hall with a total area of 415 sq. m; gymnasium with a total area of 529 sq. m; gym with a total area of 51.1 sq. m. fitness hall with a total area of 51.3 sq. m. Sports halls are equipped with appropriate sports equipment, sufficient to organize the educational process of students;

- assembly hall with a total area of 218.5 sq. m.

Students can use the Chaika sports and swimming pool with an area of 317.5 sq. m.

Two large and three small sports halls with a total area of 1,261.1 sq. m are used for conducting training, elective classes, and organizing sports events. On the territory of the academic buildings there are various sports grounds: a football field area of 2800 sq. m, a running track (280 m long), 2 volleyball and 2 basketball courts.

For nonresident students, the University provides four student Houses for 2,050 places with a total area of 19992.9 sq. m. There is a support system for students' living conditions, a medical office, and a nutrition center. Students' homes have a recreation room, a reading room, a shower room, a laundry room, etc.

In all academic buildings, according to lease agreements, there are public catering points. The total occupied area of food outlets is 948.3 sq. m.

The material and technical base of the departments meets the requirements of the implemented educational programs and is constantly updated. In total, the university has 205 classrooms, including 58 lecture halls, 29 educational and scientific laboratories, 102 specialized classrooms equipped with training facilities, 16 computer classes, 7 sports halls, and 4 reading rooms in all buildings. Classes in accredited educational institutions are held in computer classes with a software package. at the university-wide level, as well as in buildings No. 7 and No. 4.

The University has a large scientific library with a total area of 2108 sq. m. The number of seats in the reading rooms is 350. Library readers are served at 10 service points, on 4 subscriptions, and in 6 reading rooms in 4 academic buildings. The library's book collection as of 01.01.2023 is 1,038,923 copies, including 621,457 copies of educational, methodical and scientific literature, including 366,719 copies in the state language.

The process of processing library documents is automated using the Irbis 64+ABIS. The volume of the electronic catalog is 250018 bibliographic records. The electronic catalog is available in the university's corporate network and on the Internet at the library's website <http://library.EKU.edu.kz/>. The volume of full – text documents placed in the electronic library of the Higher School of Economics is 8074 titles, including electronic copies of educational, methodical and scientific literature.

The library's website has a section with direct links to international and national resources available via the Internet: the Republican Interuniversity Electronic Library (RMEB); Kazakhstan National Electronic Library (EGBF-KazNEB); Collections of the EBS Publishing House "Lan"; DB "PLENIPOTENTIARY Reference Books", Electronic Library "Epigraph", Electronic Library " Our Abay". In order to provide information support for the management of scientific research and the implementation of priority areas for the Development of science, the



library provides access to two authoritative world databases Web of Science and Sc EP us as part of a National subscription.

Computers of academic buildings have access to the Intranet and the Internet with a bandwidth of Internet access channels from 200 mbit / s and internal information exchange at a speed of up to 1 gbit / s; in all academic buildings, students' homes-wireless Wi-Fi access points. Educational building No. 7 is equipped with new computer classes. The university has 24 computer classes, a computer room of the CPC, 137 computers in higher schools; more than 100 computers installed in the reading rooms of libraries. Currently, 55 sets of multimedia projection equipment are used in the educational process. A server cluster has been created that combines the resources and computing power of all server hardware. The total capacity of the cluster is more than 600 GB of RAM and more than 10 terabytes of external memory.

For software support of training sessions, performing research work, computer classes are provided with licensed software: Microsoft Office 2013, Outlook, Project, Microsoft Share Point; ABBYY FineRider, Pinnacle Studio 8, Microsoft SQL Server 2010; 1C Enterprise 8.0 (training version); Inter Base, Microsoft Visual C# 2017 Express Edition; VM VirtualBox; Adobe Reader 9; Autodesk 3DStudioMax, MathLab.

The University has created the necessary conditions for training and conducting scientific research, publishing the results of research and Development. All research papers and theses are checked in the "Anti-Plagiarism" program. In accordance with the Regulation "On the use of the Anti-plagiarism system", a student receives admission to the defense if the percentage of originality of the text (excluding citations) for "Anti-Plagiarism" is 50% or higher.

The "National Scientific Laboratory for Collective Use" of S. Amanzholov Higher School of Economics is equipped with modern equipment, which is used to develop EP mass Open online courses (MOOCs) by the teaching staff of accredited universities.

In general, the EEC states that the material, technical, library and information resources used to organize the learning process are sufficient to fulfill the stated mission, goals and objectives of the university and meet the requirements of the educational programs implemented by the university.

#### ***Analytical part***

Visual inspection carried out by the experts of the Higher Economic Commission during the accreditation of the Educational Institution and analysis of the submitted documents shows that the material and technical support and infrastructure of the university are at a sufficient level to ensure the quality of the educational process.

The university also demonstrates the availability of support systems for various groups of students, including the current mechanism of inclusive education.

In general, the Commission notes that the information resources used in the implementation of accredited programs are sufficient, and their updating is progressive and planned. However, the EEC members note the need for regular updating of educational and laboratory equipment in accordance with the Development plans of the implemented educational institutions for conducting classes and performing scientific research at the modern international level.

The HEC notes the quality control of students' written work by checking for plagiarism.

Students indicate in interviews that there are the necessary number of Wi-Fi access points on the territory of the university and in dormitories, and the Internet bandwidth is sufficient for conducting various types of classes, including online training, which is confirmed by the results of a survey (the level of availability and quality of Internet resources is 89.6%).

During the meeting of the HEC experts with students, the wish was expressed to organize recreational areas in the university for recreation during the break between classes.

According to the results of the survey of students, satisfaction with the modernity, comfort and safety of equipment equipping was 79.2% (61 respondents), the indicator of equal EP opportunities for the Development of EP and personal Development of students was 84.4% (65

respondents), satisfaction with the available computer classes and scientific laboratories was, respectively, 84.4% (65 respondents) and 80.5% (62 respondents).

***Strengths / best practices***

There are no strengths identified in this standard.

***EEC recommendations:***

- The management of the EP and the university should ensure the purchase of modern educational and laboratory equipment in accordance with the Development plans of the implemented EP by 01.06.2025.

- The university management should consider the possibility of expanding the area of classrooms and ensure the creation of recreational recreation areas for students by 01.01.2025.

***EEC's conclusions based on the following criteria:***

*According to the standard "Educational resources and student support systems" in EP 6B01508 Mathematics-Physics, 6B01509 Physics-Computer Science, 6B08301 Forest resources, hunting and beekeeping, 8D05401 Mathematics, 8D01501 Computer Science , 13 criteria are disclosed, of which 0 have a strong position, 13-a satisfactory position, 0-suggest improvement.*

***6.9. "Informing the Public" Standard***

- *The university guarantees that the published information is accurate, objective, up-to-date and reflects all areas of the university's activities within the framework of the educational program.*
- *Public awareness should include supporting and explaining the national Development programs of the country and the system of higher and postgraduate education.*
- *University management should use a variety of ways to disseminate information (including mass media, web resources, information networks, etc. ) to inform the general public and interested parties.*
- *Information about the educational program is objective, up-to-date and should include:*
- *the purpose and planned results of the educational program, the qualification to be awarded;*
- *information on the system for evaluating students' academic achievements;*
- *information on academic mobility programs and other forms of cooperation with partner universities, employers;*
- *information on opportunities for developing students' personal and professional competencies and employment;*
- *data reflecting the positioning of the educational program in the educational services market (at the regional, national, at the international level).*
- *An important factor is the publication on Open resources of reliable information about teaching staff, in the context of personnel.*
- *The university must publish on its own web resource the audited financial statements on the EP .*
- *The university should post information and links to external resources based on the results of external assessment procedures.*
- *An important factor is the publication of information about cooperation and interaction with partners, including scientific/consulting organizations, business partners, social partners, and educational organizations.*

***Proof part***

All information about the activities of the university and the implementation of educational programs with an indication of the expected learning outcomes is available on the official website of the university <https://EKU.edu.kz>.

Information about the academic program, results and achievements of departments, information for applicants and advertising booklets, materials about the university's activities are presented in the media of republican, regional and local significance, on the Internet, in social networks on the pages of the higher school and department.

On the website of the university, in the section "Higher Schools" – "Departments", all information about teaching staff implemented by the EP is published.

All information about passing scores and training EP opportunities is provided in the corresponding GNI.

Information on the employment of graduates is available on the university's website in the section "Students-Career and employment". Graduate employment control is carried out by processing graduate employment requests from employers.

Public awareness provides support and explanation of the national Development programs of the country and the system of higher and postgraduate education. The university's website contains sections containing regulatory documents of the Ministry of Internal Affairs of the Republic of Kazakhstan, as well as internal regulatory documents of the University.

On the official website of S. Amanzholov Higher School of Economics in the "News" section, information about events held with the participation of students, undergraduates, interns and information about graduates is published, as well as information in the "Announcements" section conducting Olympiads, UNT, competitions, Job fairs, Open Day, Student Spring.

Place and form of publication-university website, periodical press / Kazakhstanskaya Pravda / agency websites, social networks with illustrations /Facebook, Instagram of the Youth Resource Center of East Kazakhstan Region and the Department, YouTube/, website of the electronic labor exchange. Informing the public about cooperation and interaction with partners within the framework of accredited EP S is also published in various social networks.

Information about educational programs (in the "Education" section of the university's website), explanations of Government programs, results of external evaluation and the National rating of the EP among universities (in the "About us. Ratings"), results and achievements of students and teachers (Web page of the department, on the stands) are publicly available to users of the university's website.

Information for applicants, materials about the activities of the department and the University are presented in the university news system, in the quarterly issue of the magazine "Regional Bulletin of the East", at the annual "Open Day", job fairs; on stands and booklets, in videos about the university and the department, on image products with the university logo. In order to disseminate information about the university's activities, various methods are used, including social networks to inform the general public and interested parties. The university has profiles in such social networks as Instagram, Facebook, VK, etc.

### ***Analytical part***

The EEC members conducted an analysis of the university's official website, which revealed that the university publishes up-to-date information on the site about EP, teaching, training, assessment procedures, passing scores, educational EP opportunities provided to students, academic degree/qualification awarded, as well as employment EP opportunities for graduates.

Information about the EP disciplines, goals, subject composition, assessment procedures, passing scores, and learning EP opportunities provided to students is also provided in the syllabuses of disciplines that are available to students on the educational portal <http://euniver.vkgu.kz> and the Moodle distance learning system. However, experts are forced to state that this information is not publicly available to a wide range of people.

The Commission notes the systematic work on posting information on the website, which allows ensuring transparency of the university's activities. The HEC notes that full information about teachers participating in the implementation of accredited programs is available on the Institute's website. However, information on the site is not always available in all three languages. For example, links to English-language sections of the site are not active for applicants.

Experts also note the absence of published audited financial statements on the university's website in the context of accredited educational institutions, while the documents submitted for accreditation contain only data on the university as a whole.

According to the results of the analysis conducted by experts, the university provides an active media presence in the region, ensures the dissemination of up-to-date information within



the framework of educational programs, performs external evaluation procedures in full within the framework of accredited educational institutions, and takes an active part in the National Rating of educational institutions among higher education institutions of Kazakhstan, being among the top ten republican universities participating in the rating.

The University's information and analytical system fully ensures continuous monitoring of the University's activities aimed at ensuring customer satisfaction. Experts are provided with evidence of feedback or reactions to requests from students and interested parties of the University, including through the rector's blog.

According to the results of the survey of students, the indicator of satisfaction with the accessibility and responsiveness of management was 88.3% (68 respondents), the indicator of satisfaction with the content and information content of the university website was 85.7% (66 respondents).

***Strengths / best practices***

There are no strengths identified in this standard.

***EEC recommendations:***

- The university management should ensure that the English-language version of the website is available for applicants by 01.07.2024.
- The university management should ensure that the audited financial statements are published on the website in the context of each EP by 01.09.2024.

***EEC's conclusions based on the following criteria:***

*According to the standard "public education" according to EP 6B01508 Mathematics-Physics, 6B01509 Physics-Informatics, 6B08301 Forest resources, hunting and beekeeping, 8D05401 Mathematics, 8D01501 Informatics, 12 criteria are disclosed, of which 0 have a strong position, 11-a satisfactory position, and 1-suggest improvement.*

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

**According to the Educational Program Management standard:**

The EP management demonstrates its Open ness and accessibility to students, teaching staff, employers and other interested parties, creating appr EP riate conditions for improving the quality of work and employee motivation.

**According to the "Information Management and Reporting" standard:**

There are no strengths identified in this standard.

**According to the standard "Development and approval of educational programs":**

There are no strengths identified in this standard.

**According to the standard "Continuous monitoring and periodic evaluation of educational programs":**

There are no strengths identified in this standard.

**According to the standard "Student-centered learning, teaching and assessment of academic performance":**

There are no strengths identified in this standard.

**According to the "Students" standard:**

The university demonstrates a strong mechanism for supporting gifted students.

**According to the standard "Teaching staff":**

The university demonstrates the existence of a mechanism for motivating the professional and personal Development of teaching staff.

**According to the standard "Educational resources and student support systems":**

There are no strengths identified in this standard.

**According to the "Informing the Public" standard:**

There are no strengths identified in this standard.

**(VIII) OVERVIEW QUALITY IMPROVEMENT RECOMMENDATIONS FOR EACH STANDARD**

**According to the standard "Управление Educational program management"**

- The management of the Educational institution should make adjustments to the Development plans of the educational institution for quantitative indicators of internal academic mobility of teaching staff and students by 01.09.2024.
- To expand the number of trainees and employers involved in the formation of the EP Development plan by 01.09.2024.
- The management of the EP should develop EP risk management regulations for the implementation of the EP by 01.09.2024.
- To develop EP mechanisms for commercialization of scientific projects by 01.06.2025 with the involvement of industrial partners.

**According to the standard «Управление to the "Information Management and Reporting" standard»**

To ensure the Development of an electronic document management system for automating university processes related to the formation of university reports and student support until 01.06.2025.

**According to the standard "Development and approval of the educational program"**

To develop EP a roadmap for the implementation of a two-degree or joint EP with domestic or foreign universities by 31.12.2024. Provide a set of students on the EP data.

**According to the standard "Continuous monitoring and periodic evaluation of educational programs"**

- The management of the EP should make changes to the content of the EP in the context of the Development of technologies in the field of artificial intelligence by 01.09.2024.
- EP management should make changes to the content of the EP in the context of the Development of robotic systems by 01.09.2024 (for mathematics-physics and physics-informatics).
- The management of the EP should ensure that the contents of the EP, as well as all changes to the EP, are published on the university's website in the section of the issuing department on an ongoing basis.

**According to the standard "Студентоцентрированное Student-centered learning, teaching and assessment of academic performance"**

- The EP management should organize an annual scientific and methodological conference on the use of modern teaching methods in practice.
- ORGANIZATION OF HIGHER AND POSTGRADUATE EDUCATION to organize work on research in the field of methods of teaching disciplines within the framework of the EP in the period up to 31.05.2025 in order to introduce it into the educational process.

**According to the standard to the "Students" standard**

- The management of the educational institution and the university should ensure a gradual increase in external and internal academic mobility of students on a systematic basis, reflecting this in the indicators of the university's Development programs and each educational institution. Reflect academic mobility indicators in the Development Program until 01.09.2024.
- The university management should organize the work of the Alumni Association on a permanent basis. Create a Graduate section on the university's website by 01.09.2024.

**According to the standard to the standard "-Teaching staff"**

- The management of the Department and the university should ensure a gradual increase in external and internal academic mobility of teaching staff on a systematic basis, reflecting this in the indicators of the university's Development programs and each department.

- The management of the EP and the university should ensure the involvement of foreign and domestic teachers of rating universities in the implementation of the EP by 01.06.2025.

**According to the standard "Educational resources and системы поддержки student support systems"**

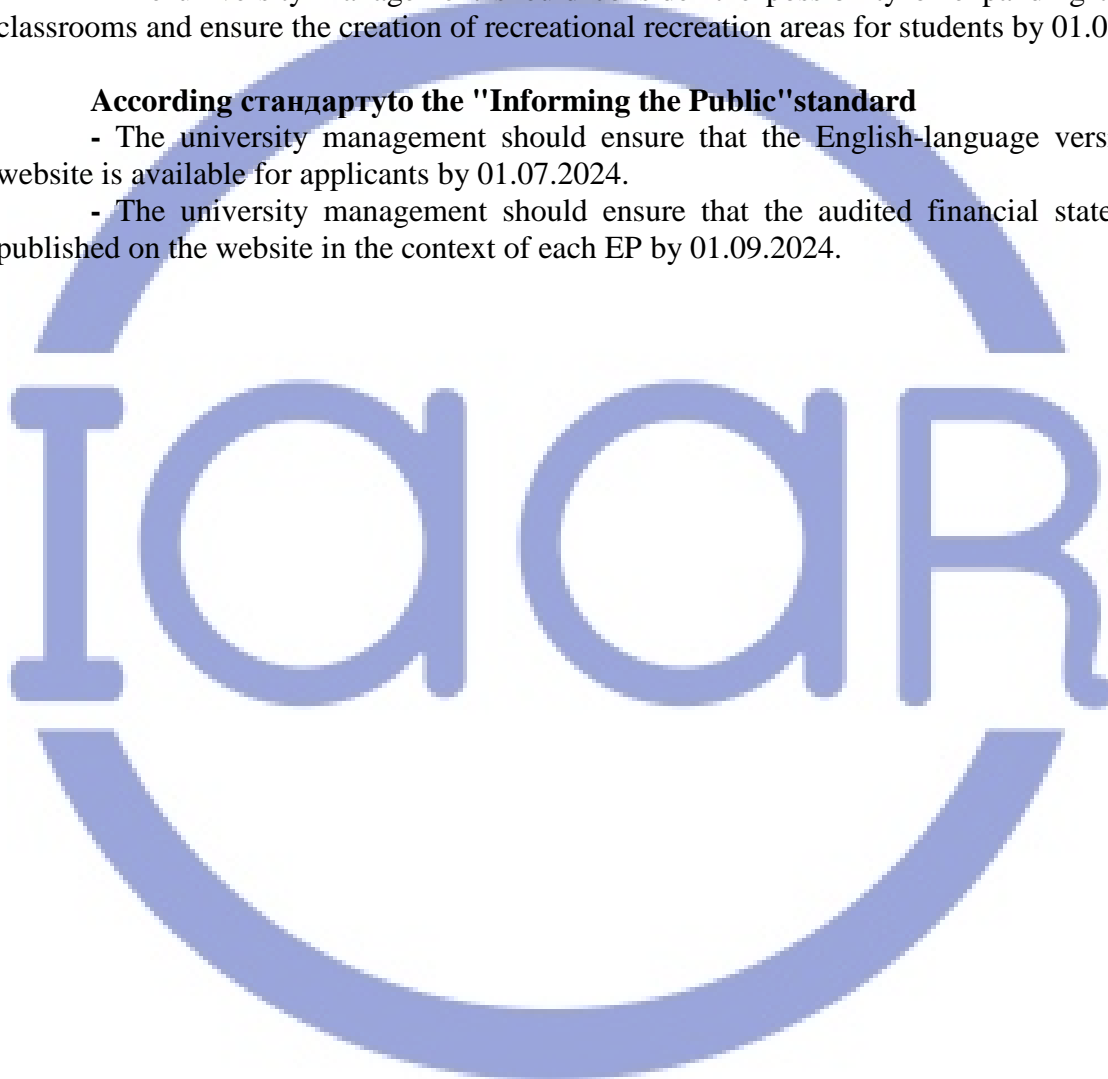
- The management of the EP and the university should ensure the purchase of modern educational and laboratory equipment in accordance with the Development plans of the implemented EP by 01.06.2025.

- The university management should consider the possibility of expanding the area of classrooms and ensure the creation of recreational recreation areas for students by 01.01.2025.

**According стандарту to the "Informing the Public" standard**

- The university management should ensure that the English-language version of the website is available for applicants by 01.07.2024.

- The university management should ensure that the audited financial statements are published on the website in the context of each EP by 01.09.2024.



**(IX) RECOMMENDATION TO THE ACCREDITATION COUNCIL**



The members of the external expert commission came to a unanimous opinion that the educational programs 6B01508 Mathematics-Physics, 6B01509 Physics-Informatics, 6B08301 Forest Resources, hunting and Beekeeping, 8D05401 Mathematics, 8D01501 Informatics implemented by Sarsen Amanzholov East Kazakhstan University, can be accredited for a period of 5 years.

