



«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 compliance with the requirements of standards of initial specialised  
accreditation (ex-ante) of educational programmes "5B012600 Mathematics-  
Physics", "6D060100 Mathematics", "5B012800 Physics-Informatics",  
"6D011100 Informatics", "5B052100 State audit", "6D050600 Economics»  
RSE on PVC "East Kazakhstan state University  
they. S. Amanzholov" MES RK**

**from "22" to "24" may 2019**

**Ust-Kamenogorsk**

**May 24, 2019**

*Addressed to  
Accreditation  
Council of the IAAR*



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

<b>EKSU</b>	EKSU RSE on PCV "East Kazakhstan state University named after S. Amanzholov" MES RK
<b>DB</b>	Basic disciplines
<b>WRC</b>	WRC final qualifying work
<b>GNI</b>	Internal regulations
<b>IN</b>	Higher education
<b>EEA</b>	External evaluation of learning achievement
<b>SAC</b>	State certification Commission
<b>GOSO</b>	State educational standards of RK
<b>UNT</b>	Unified national testing
<b>IPP</b>	Individual plan of work of the teacher
<b>ISO</b>	International organization for standardization
<b>IEP</b>	Individual educational plan
<b>KAWADA</b>	Catalog of mandatory and elective courses
<b>MES</b>	Ministry of education and science of the Republic of Kazakhstan
<b>MS</b>	International standard
<b>MOS</b>	Modular educational program
<b>R &amp; d</b>	Research work
<b>NIRS</b>	NIRS
<b>NIRM</b>	NIRM
<b>NRK</b>	NRK
<b>NSC</b>	Student's Research work
<b>OOD</b>	General subjects
<b>OP</b>	Educational program
<b>OR</b>	Registration Office
<b>RPO</b>	Republican subject Olympiad
<b>RUE</b>	RUE working curriculum
<b>MM</b>	Media media

## II INTRODUCTION

In accordance with № 45-19-OD from 19.04.2009 of the Independent Agency of accreditation and rating from 22 to 24 may 2019, the external expert Commission assessed the compliance of RSE on PCV "East Kazakhstan state University. S. Amanzholova" standards of primary specialized accreditation of NAAR (from "25" may 2018 № 68-18/1 –OD, first edition) on programs 5B012600 Mathematics-Physics, 6D060100 Mathematics, 5B012800 Physics-Informatics, 6D011100 Informatics, 5B052100 State audit, 6D050600 Economics.

The report of the external expert Commission (EEC) contains an assessment of the compliance of the East Kazakhstan state University. S. Amanzholov in primary specialized accreditation criteria of the IAAR, the recommendations of the WEC to further improve the parameters of a specialized profile.

The composition of the WEC:

The Chairman of the Commission Galia Movkebayeva Akhmetvalieva, PhD, Professor, Department of international relations and world Economics, Kazakh national University. al-Farabi (Almaty).

Foreign expert – *Babadzhanov Davron Dadodzhanovich*, doctor of Economics, Professor, Vice-rector for international relations of the Tajik state University of law, business and politics (Khujand, Republic of Tajikistan).

Observer – *Niyazov, Gules Alkenovna*, project Manager for institutional and specialized accreditation of higher education institutions (G. Nur-Sultan).

National expert *Abeldinov Elaman kanatovich*, PhD, Vice-rector on scientific work of Kazakh University of technology and business (G. Nur-Sultan).

National expert – *Baytelenova Alia Askerovna*, senior lecturer of the Department of agriculture and plant growing S. Seifullin Kazakh agro technical University. S. Seifullina (g. Nur-Sultan).

A national expert *Bakhtiyar Balzhan Trepassy*, Director of the Institute (Almaty).

National expert – *Urmashiev Baidaulet Amantaevich*, Ph. D.-MD, associate Professor, head of the Department of Informatics of the Kazakh national University. al-Farabi (Almaty).

National expert – *Ponomarenko Elena Valeryevna*, PhD, acting Professor of the Department of physics for the CU of South Kazakhstan state University. M. Auezova (Shymkent)

National expert – *Rakishev Aigul Kuanyshevna*, Ph. D., associate Professor, member-correspondent of the international Academy of science and manufacturing practices (G. Nur-Sultan)

National expert of the Russian commander *Mergul Sabitovna*, candidate of philological Sciences. associate Professor, head of the Department of foreign languages of Pavlodar state pedagogical University (Pavlodar).

National expert – *Amrenova Santerna Raushan*, candidate of philological Sciences. nor. O. associate Professor of Kokshetau state University. Sh. Ualikhanov (Kokshetau).

National expert – *Uyzbayeva Anar Asanovna*, PhD, associate Professor of the Department of philosophy and social and humanitarian disciplines of Pavlodar state University. S. Toraigyrov (Pavlodar).

National expert – *Berdinov Zharas Galimzhanovich*, PhD, associate Professor in the Department of physical and economic geography of the Eurasian national University they. L. N. ENU (G. Nur-Sultan).

National expert – *Gabdulina Ainur Zhumagazievna*, Ph. D., senior lecturer of history of Kazakhstan Kazakh agro technical University. S. Seifullina (g. Nur-Sultan).

Employer – *Adylkhan Asset Berdygaliuly*, head of the Department of human capital development of PP "Atameken" East Kazakhstan region (Ust-Kamenogorsk).

Student *Mailybaeva Span Trebiz* studying 3rd year OP "5B070500 Mathematical and computer modeling" in East Kazakhstan state technical University named D. Serikbaev (Ust-Kamenogorsk)

Student *Amerbaev Anastasia V.* learning 1 course OP "6M011900 Foreign language: two foreign languages" at the Kazakh-American free University (Ust-Kamenogorsk).

### **(III) REPRESENTATION OF THE ORGANISATION OF EDUCATION**

The Republican state enterprise on the right of economic management East Kazakhstan state University named after Sarsen Amanzholov, positions itself as one of the leading educational, scientific, methodical and cultural centers of the Eastern region of the country. The University provides a wide range and high quality of educational services, using new learning technologies and expanding the base of scientific research of the teaching staff of the departments.

East Kazakhstan state University named after Sarsen Amanzholov has been functioning since 1952. Over the years of its existence, the University has trained more than 60 thousand specialists.

The University has passed the international quality management system certification (certificate from 29.10.05 DIN EN ISO 9001:2000, registration number 04115225 issued by the Munich certification center). In 2005, 2010, 2015 the University successfully passed the state certification. In 2010, 2014, the Munich certification center carried out recertification of the QMS. Periodically conducted by international experts audits confirmed that the educational services provided by the University meet the requirements of legislative and regulatory documents of the Ministry of education, the state educational standards (SES), the needs of students and employers.

In the structure of the University since 2016 the Higher College of EKSU works. S. Amanzholova. Recruitment of students to the Higher College is carried out in 8 specialties, 2 specialties introduced applied bachelor.

The students in the 01.04.2019 G. 6502 people. At the University since 2010 the educational process is organized with the use of DOT. Education at the University is conducted in the state, Russian and English languages. The University is a member of seven international Associations, actively participates in international and national rankings of universities and educational programs. In the international ranking of higher education institutions (ARES-2019). S. Amanzholov were included in the category "A+" High quality teaching, research activities and demand for graduates from employers (High quality performance) (94 among universities of Kazakhstan - 6th place); Webometrics - 10363, according to the 4 International Colleges & Universities is 5927 position among 13 000 universities in the world (among the 108 universities of Kazakhstan - 13).

In the National ranking on innovation and academic excellence, conducted by the Republican rating Agency (RRA), in 2018. the University took 6th place.

In the National ranking of the best universities of Kazakhstan – 2018, conducted by the Independent Kazakhstan Agency for quality assurance in education, EKSU. S. Amanzholova takes the 7th place among 20 multidisciplinary universities of Kazakhstan.

The East Kazakhstan state University named after S. Amanzholov takes the 8th place among 58 universities of Kazakhstan in the National ranking of demand of universities of Kazakhstan-2018, conducted by the Independent Agency of accreditation and rating.

In the institutional rating of the Independent Agency of accreditation and rating" (NAAR) in the areas of training:

in the direction of "Education" – 7th place;

in the direction of "Humanities" – 7th place;

in the direction of "Right" – 8th place.  
in the direction of "Social Sciences" – 6th place;  
in the direction of "Natural Sciences" – 4th place.

The test center of physical and chemical researches is accredited by the National center of accreditation of Committee on technical regulation and Metrology of the Republic of Kazakhstan on carrying out tests according to the declared area of accreditation (Certificate of accreditation no. KZ.I. 07.1493 of 9 June 2014).

Educational activities are carried out on the basis of the state perpetual license (№ 12020617), issued by the Committee for control of education and science of the Ministry of education and science of the Republic of Kazakhstan on December 11, 2012. The University has full academic resources to carry out educational activities on the educational programs submitted for accreditation.

The personnel policy of the University is aimed at the implementation of high-quality professional, educational and scientific activities of the faculty.

The implementation of OP "5B012600 Mathematics-Physics" at the University is the Department of mathematics. This educational program is implemented by 41 teachers, including 38 full-time and 3 part-time students. Of the full-time teachers have a degree of 24 people. The degree of maturity in the direction of OP is 58.5%.

Implementation of OP "5B012800 Physics And Informatics" is carried out at the Department of physics and technology. 33 teachers realize, 19 of them have an academic degree. The degree of 56.25%.

Realization of OP "6D011100 Informatics" is carried out by the Department of computer modeling and information technologies of EKSU.S. Amanzholova. This educational program is implemented by 5 full-time teachers: 3 candidates of Sciences, 2 PhD doctors. The degree of maturity is 100%.

Implementation of OP "5B052100 State audit" is carried out at the Department of "Finance and accounting", which is a structural unit of the faculty of Economics and law. In the teaching staff of the Department 21 teachers, including 12 candidates of Sciences, 6 masters. The degree of maturity in the direction of OP is 55%.

Implementation of OP "6D050600 Economics" is carried out at the Department of "Economics and management", which is a structural unit of the faculty of Economics and law. In the teaching staff of the Department 1 doctor of Sciences, 1 PhD doctor, 6 candidates of Sciences. Implementation of the OP is carried out by 5 full-time teachers who all have a degree. The degree of maturity is 100%.

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

All educational programs of the cluster undergo primary specialized accreditation.

#### **(V) DESCRIPTION OF THE EEC VISIT**

The visit of the external expert Commission to the EKSU was carried out on the basis of the approved and previously agreed Program of the visit of the expert Commission of the first specialized accreditation in the period from 22 to 24 may 2019, approved on 08.05.2009.

In order to coordinate the work of the EEC on 22.05.2019, an introductory meeting was held, during which the powers were distributed among the members of the Commission, the schedule of the visit was clarified, agreement was reached on the choice of methods of examination.

In order to obtain objective information on the assessment of the University's activities, the members of the EEC used such methods as visual inspection, observation, interviewing and questioning.

In accordance with the requirements of the standards, the Program of the visit covered meetings with the rector, Vice-rectors, heads of departments, deans, heads of departments serving the evaluated OP, teachers, students, employers. The survey covered teachers and students on accredited OP. In total, 107 people took part in the meetings (table 1).

Table 1 - Information about employees and students who took part in meetings with VEK NAAR:

Category of participants	Number
Rector	1
Pro-rectors	3
Heads of structural units	23
Dean of faculty	3
Head of department	12
Teachers	18
Undergraduate and graduate students	21
Graduates	-
Employers	26
Just	107

During the visit, the members of the EEC got acquainted with the state of the material and technical base, visited the faculty of natural Sciences and technologies, the faculty of history, Philology and international relations, the faculty of Economics and law, also the departments implementing accredited educational programs, the language laboratory (laboratory of interpretation №209, equipped with multimedia technologies), language laboratories, the national laboratory of collective use (which consists of: testing laboratory of physical and chemical research, laboratory of biology and biotechnology of plants, training nauchno-industrial areas), SIC "surface engineering and tribology", SIC "Altitude", registered audiences, libraries, resource centres, etc.

Due to the change of the academic calendar, the order №161-p, the decision of the academic Council of the University schedule of the examination session of the spring semester was moved to 1 week. In this regard, the VEC did not attend training sessions and exams on cluster 3 according to the program of the visit.

The activities planned within the framework of the visit of the VEK NAAR contributed to the familiarization of experts with the bases of practices:

On OP "5B012600 Mathematics-Physics", "6D060100 Mathematics", "5B012800 Physics-Informatics", "6D011100 Informatics": KGB "East Kazakhstan humanitarian College", KSU "Secondary school №20 them. A. baitursynova", KSU "Regional specialized school-Lyceum for gifted children in the field of mathematics, physics and computer science". Under OP "5B052100 Public audit", "6D050600 Economy": LLC "invest-Audit".

## (VI) CONFORMITY TO SPECIALISED ACCREDITATION STANDARDS

### 6.1. Standard " Management of educational programme»

Members of the EEC note that the University has developed an Academic policy. It is presented in the form of a system of measures, rules and procedures for the planning and management of educational activities and effective organization of the educational process [https://www.vkgu.kz/sites/default/files/files/education/akadem\\_sovet/Akadem\\_polit.pdf](https://www.vkgu.kz/sites/default/files/files/education/akadem_sovet/Akadem_polit.pdf).

The goals are published on the official website of the University <https://www.vkgu.kz/ru/page/ce-li-v-oblasti-kachestva.html> and quality policy <https://www.vkgu.kz/ru/page/politika-v-oblasti-kachestva.html> mission and vision <https://www.vkgu.kz/ru/page/missiya-i-videnie.html>. For example, the mission of the University



is to ensure its leading role in the international scientific and educational space for the formation of competitive specialists for the innovative development of Kazakhstan.

VEK confirms existence of the Program of development of EKSU. S. Amanzholov for the years 2018-2022 [https://www.vkgu.kz/sites/default/files/files/o\\_nas/progr\\_VKGU\\_2019.pdf](https://www.vkgu.kz/sites/default/files/files/o_nas/progr_VKGU_2019.pdf) approved on the Academic Council meeting October 03, 2018. The program is aimed at achieving a high level of development through the implementation of the goals and objectives set by the President of the Republic of Kazakhstan in the framework of the development of higher education. Further development of the University, according to the Program, will take place in the direction of regionalization of the content of the OP, which, in turn, provides knowledge of the needs of the region and the appropriate adaptation of the educational process for the preparation of competitive graduates.

The members of the EEC were convinced that there is a development of the culture of quality assurance, including in the context of OP. This is confirmed, for example, taking into account the needs of modern society in highly qualified and competitive personnel, which, in turn, affected the organizational structure of the University and its activities. As a result, the University has modernized its management system and introduced the principles of corporate management. In the course of development, the University established a Supervisory Board, Academic Council, increased the efficiency of the Academic Council, student government and alumni Association, increased the interest of employers. A system of strategic planning has been introduced, work has begun on the transition to the autonomy of the University. Developed and approved the "Code of honor of the teacher", "Code of honor of the student", "Rules of academic honesty". The annual monitoring of satisfaction with the University management system among employees and faculty (hereinafter - PPP) allows to improve the system of corporate governance. The quality of educational services is assessed by conducting a survey among students "Satisfaction of students with the quality of educational services" and employers "Satisfaction of employers with the quality of graduates."

The experts noted that the coordination of the quality of training and improving the satisfaction of the needs of students is provided by the quality management system. The University has developed and operates a system of internal regulations. Information is publicly available <https://www.vkgu.kz/ru/page/polozeniya-lokalnye-normativnye-dokumenty-universiteta.html>. Any interested person can get acquainted with the rules and regulations developed at the University. For example, "Regulations on the development of modular educational programs" (28.12.2018), "Regulations on the Methodological Council of the EKSU. S. Amanzholova" (12.10.2018), "Rules of organization and conduct of professional practice and the rules for determining organizations as bases of practices" (01.03.2009), etc. Changes in legal acts of the Republic of Kazakhstan are reflected in the internal regulations of the University by making changes and amendments. The effectiveness of the mechanism of internal quality assessment and examination of OP is confirmed. Information on the implementation of the goals and objectives of the quality of the OP are placed in the open press, includes brochures, published in the media (hereinafter – the media) of national, regional and local importance, in social networks and on the official website of the University.

VEC confirms that the University is working to establish a link between research, teaching and learning. As a result of research work (further – research) of the faculty (further – PPS) in OP new elective disciplines are introduced. For example, in OP "5B012600 Mathematics"-Physics – "Physics of liquid crystals", "Solving problems of increased difficulty", "Astronomy", "Quantum mechanics"; in OP "5B052100 State audit" – "Legal basis of professional activity and anti-corruption culture", "Insurance»; in OP "6D050600 Economy" – "Planning and forecasting of regional development", "Management of human development", etc.

Experts were convinced of the presence of internal regulations governing the development process of OP, for example, "Regulations on the development of modular educational programs" (28.12.2018 g.), the Provision of EKSU 002-19 "Requirements for the development of a catalog of elective disciplines."

Members of the EEC confirm that each accredited OP has a development Program developed and approved in accordance with the rules established at the University. For example, the Program of development of OP 5B012800-Physics-Informatics for 2018-2022, the basic information about which is available in the public domain at <https://www.vkgu.kz/ru/page/5v012800-fizika-informatika.html> developed in accordance with the development Program of EKSU. S. Amanzholova for 2018-2022, and approved at a meeting of the Council of the faculty of natural Sciences and technology 08.11.2018, Protocol №3. Development programme OP "6D050600 Economy" in 2018-2021 years developed in accordance with the development Programme of EKSU. S. Amanzholov for the years 2018-2022, and approved at the meeting of the Council of the faculty of Economics and law 08.11.2018 g., Protocol # 3. Development programs of OP contain mission, goals and objectives, detailed description of strategic development directions (academic, research, innovation, etc.), analysis of the current situation, SWOT-analysis, development prospects, etc.

Experts note the dynamism of the goals of the OP, coordination of plans For the development of the OP, the content of the OP with employers who are involved in determining the list of modules for the choice of specialty, elective disciplines, in the provision of practice bases and in the final evaluation of graduates.

Development programs contain information about the uniqueness of the OP (in the context of educational trajectories provided to students), as well as educational results and directions of possible employment of graduates of the OP. For example, the uniqueness of the trajectory "Integrated programs for the study of physics and Informatics", according to the Program of development of OP "5B012800 Physics And Informatics" for 2018-2022, is that bachelors with specialization acquire all the knowledge, skills and abilities to work as teachers of physics and Informatics in secondary and small schools, gymnasiums, lyceums, schools, colleges, as well as to work in research centers and organizations. Graduates of OP can carry out educational, methodical and scientific activities in educational institutions, as well as conduct organizational, managerial and scientific activities in enterprises and organizations of the city and region. The uniqueness of the OP "6D050600 Economy" is that the program is designed with the modern domestic and international experience, author and collective scientific and educational developments and achievements, taking into account the regional characteristics of the economy, as well as the lack of similar OP in the universities of the region. The uniqueness of OP "6D011100 Informatics" lies in the joint implementation of the project "Intelligent transport system" Connected Car with JSC "Asia Auto". Internet of things, machine learning, ontology."

Information about the programs of development of OP, about the adoption of collective decisions are brought to interested persons through the University website, the newspaper "Image of EKSU", at meetings of the rector with students, interviews of the management in the media, on television, as well as by placing information on the stands. Management of the OP systematically requests, analyzes and summarizes the views of stakeholders, conducts surveys, makes adjustments to the content of the OP, teaching methods, improvement of material and technical base.

The EEC confirms the existence of a mechanism to respond to the identified problems on the part of the collegial bodies, the definition of responsible persons and deadlines. Responsible for the implementation of the development program items OP appointed by the decision of the meeting of departments. Reports on the implementation of development programs are included in the annual reports of the departments with a critical analysis.

Experts confirm the existence of the following mechanisms for the collection, storage and analysis of information on the implementation of the OP: self-assessment of the OP in preparation for accreditation; self-assessment of the OP for compliance with the criteria of accreditation organizations; constant self-assessment of processes that ensure the implementation of the OP; questionnaires, etc. Measures to control the quality of the educational process are recorded in the form of records, acts, certificates, reports, etc., and discussed at meetings of departments and Councils of faculties. Based on the analysis and evaluation of control indicators,

preventive and corrective measures are developed. Interested persons have an opportunity to make an appointment to the management of OP according to the approved schedule.

Experts confirm the presence of the University educational ([www.euniver.vkgu.kz](http://www.euniver.vkgu.kz)) and remote ([www.edu.vkgu.kz](http://www.edu.vkgu.kz)) portals. The educational portal provides educational documentation for students. CED, umkd in all disciplines are available both in paper and electronic form. Students have access to a full database of electronic educational publications, updated by employees of the University library, as well as national and international electronic databases of educational and scientific literature, including the database Web of Science.

Members of the EEC confirm that in order to effectively implement student-centered teaching staff of the University conduct their own research in the field of teaching methods of academic disciplines. For example, according to the results of research in the field of analysis of natural languages and machine learning teachers of the Department of computer modeling and information technology Nugumanova A. B. and Tlebaldinova A. S., as well as taking into account the recommendations of employers, developed and implemented the discipline "Artificial intelligence" and "Theory and practice of human-machine interaction." The discipline "Social economy" introduced in the educational process OP 6D050600 – Economics Ph. D., associate Professor E. S. Sitnikova on the results of research.

The experts also made sure that the management of the OP is trained in education management, organized by the MES. For example, associate Bolgauov T. A., Sitnikova E. S., Muhamadieva A. G., Sanjeeva A. A., candidate of pH.-PhD Ergaliev, E. K. Magzumova E. M., PhD Tlebaldinova A. S. and the staff of the Department of Finance and accounting Cholponbaev K. J., Apysheva A. A., Shikhanova N. To., passed training courses in "Management in education" at the center for the proficiency testing of EKSU. S. Amanzholova in the period from February 26 to March 13, 2019. In the OP "Public audit" of the head. the Department of Finance and accounting Apysheva A. A., head of OP Cholponbaev K. J. passed training courses in "Management in education" course on "Management of educational programs" (from February 26 to March 13, 2018. Almaty, center for proficiency testing of EKSU. Amanzholova, 72h.).

#### *Analytical part*

The quality assurance policy has been published, the link between research, teaching and learning has been identified, the evaluation system and the main approaches to the development of the OP have been improved. In General, this confirms the development of a culture of quality assurance, including in the context of OP. The work of the management of the OP to ensure the transparency of the development plan of the OP based on the analysis of its functioning, the real positioning of the University and the focus of its activities to meet the needs of the state, employers, stakeholders and students, experts consider satisfactory. The mechanism of updating the strategic documents on the development of OP developed. Management OP attract employers who are representatives of practice bases, students and faculty. The EEC notes the consistency of the development programs of the OP with the national development priorities and the development Program of the University for 2018-2022. The Commission provided evidence of a clear definition of those responsible for business processes within the OP, a clear distribution of job responsibilities of staff, differentiation of functions of collegial bodies. In preparing for the next external quality assurance procedure, the management of the OP takes into account the recommendations of the previous procedure. Analysis and implementation of innovative proposals in the programme management of OP 5B012600-Mathematics-Physics, OP 5B012800-Physics-Informatics, "6D060100 Mathematics", "Informatics 6D011100" done, but haphazardly.

Analysis of documents, interviews with the University management, heads of departments, management of OP showed that despite the fact that op 5B052100 "State audit", OP "6D050600 Economy" is a risk analysis, their assessment does not take into account many factors from the external environment that affect the implementation of OP, because economic, technological and other factors also affect the management of OP and can provoke certain types of risks. In this regard, the experts noted the need for a more detailed quantitative and qualitative analysis to

assess the likelihood of their occurrence and protection measures. Qualitative risk analysis involves, for example, the definition of such parameters as: causes (source of occurrence), the conditions of probability of occurrence, possible indicators of the upcoming onset of risk and other quality information. Quantitative analysis involves the value of the probability of occurrence of risks and for their detailed assessment, for example, you can use mathematical methods.

The survey conducted during the visit of VEK NAAR showed that the reflection of the mission and strategy of the University in various aspects of the University and organizational issues according to the estimates of the faculty – more than 95%. On the question "How satisfied the content of the educational program Your needs" 100% PPP gave a positive assessment. Involvement in the management and strategic decision-making process is good-57.4%, very good – 38.3%, relative to 4.3%.

#### ***Strengths/best practices***

- the existence of a published quality policy, reflected in the quality policy of the link between research, teaching and learning.
- there is a mechanism for the formation and regular revision of the development plan of the OP.
- stakeholders (students, employers, teachers) are involved in the formation of the development plan of the OP.
- the University demonstrated the uniqueness and individuality of the OP.
- clear definition of staff responsibilities.
- the University ensures the participation of representatives of interested persons in the collegial management bodies of OP.
- Management has demonstrated a willingness to be open and accessible to learners, faculty, employers and other stakeholders.
- The user has passed the training program of management in education.

#### ***EEC Recommendations***

For OP "5B012600 Mathematics-Physics", "5B012800 Physics-Informatics", "6D060100-Mathematics", "Informatics 6D011100": undertake a systematic analysis and implementation of innovative proposals in the management of the educational program.

For OP "5B052100 State audit", OP "6D050600 Economy" should strengthen the analysis of risk management, taking into account all factors of the external and internal environment of the University.

Conclusions VEK criteria for the standard "Management of the educational program" on OP "5B012600 Mathematics-Physics", OP "6D060100 Mathematics", OP "5B012800 Physics-computer Science", OP "6D011100 computer Science", OP "5B052100 State audit", OP "6D050600 Economy": strong – 8, satisfactory -7.

## ***6.2. Standard “Information Management and reporting”***

Members of the EEC confirm the existence of a system of collection, analysis and management Of the system of collection, analysis and management of information in the EKSU. S. Amanzholova are an integral part of the planning system, quality system, financial activities, process approach, management of individual OP. The maintenance of the mission, goals, objectives and evaluation of their effectiveness is carried out in accordance with the existing documented procedures, according to which the University collects and analyzes data to assess performance, determine the degree of implementation of the mission, goals and objectives, and

opportunities for continuous improvement of the service provided.

The visit of VEK showed that in all departments of the University office work is carried out in accordance with the approved nomenclature of cases, ensured the safety and archiving of documents, work is underway to move to electronic document management.

In the process of collecting and processing information, the University uses modern information systems, information and communication technologies and software. The information support includes the following software: University AIS, Plato server, Proxy server, IC server, mail server, Moodle server.

An important point can be noted that the University has a "Parasat student service Center", which operates on the principle of "one window" and provides students with appropriate services on administrative, educational and Advisory issues, which facilitates electronic document management. The head of the personnel and legal support Department of the University showed the facts that the faculty and employees of the University confirm their consent to the processing of personal data.

Members of the VEC were convinced that the University developed principles on the basis of which the monitoring of educational results in the framework of the OP. The minutes of meetings of departments, annual reports reflect the results of the analysis of the goals of the OP. Any changes in the plan of development of OP and plans for its change are brought to the attention of students and employers through the website of EKSU, official correspondence, the newspaper "Image of EKSU". The University systematically analyzes information on the implementation of the OP and conducts a comprehensive self-analysis. Efficiency of OP are analyzed annually on quantitative learning outcomes. Indicators of the effectiveness of achieving the goals of the OP are the results of monitoring, both external and internal. Decisions taken by the Academic Council, the UMS and the rector are brought to the attention of the PPP in the relevant extracts from the minutes of the meetings. All employees and staff have a clearly defined range of obligations and rights, which are reflected in the Regulations on units, job descriptions. Job descriptions exclude duplication of duties and rights, provide differentiation of functions of the collegial bodies taking part in implementation of OP.

The form of participation of faculty and students in management decision-making is, for example, participation in meetings of the administration, Faculty councils and departments. Staff and employees have the opportunity to make suggestions for improvement at meetings, meetings with the rector, Vice-rectors, deans. Students participate in the process of planning and development of the OP through University-wide youth organizations, participation in collective management bodies.

Participation of universities of the near and far abroad in joint development is provided in programs of development of OP. The Department of mathematics and the Department of computer modeling and information technology signed an agreement with the Altai state University on cooperation in the development of joint educational programs. At the meeting of the Academic Council of the Department of Economics and management of 26.01.2018 on the recommendation of the Director of LLP "Institute of analysis and forecasting of East Kazakhstan region" Chernyshova O. V. the catalog of elective disciplines (hereinafter – CED) includes the discipline "Social economy". At the Department of "Finance and accounting" the list of elective disciplines is also consistent with employers. According to the OP "5B052100 State audit" in the framework of the academic Council of the Department of Finance and accounting offered discipline "Internal audit", "Audit in public institutions", etc.

Information obtained from these sources of information is used annually in the analysis of the University management and corrective actions, which affects the revision of The development plans of the OP. On the basis of information and software complex "AIS EKSU" is carried out academic support of students for the entire period of study until graduation and diploma Supplement in three languages: Kazakh, Russian and English.

It should be noted that in connection with the program "Digital Kazakhstan", approved by Decree of the Government of the Republic of Kazakhstan No. 827 dated 12 December 2017, the

East Kazakhstan state University is committed to the transition to the "Digital University". To do this, work is underway to develop their own software for electronic document circulation, is digitizing books from the Fund of rare copies. Also an example may be the use of the domain of the principle of document management on accounting with 1C-Enterprise, the HR – 1S-Bitrix, the scientific library –library.vkgu.kz on distance education – edu.vkgu.kz etc.

Confirmation of the gradual transition of EKSU to the "Digital University" is the consideration of the academic Council of the University, in the annual report, on the agenda of the status and prospects of implementation of the SMART-University project in the S. Amanzholov EKSU.

Visit the WEC confirmed that the scientific library of EKSU has access to foreign databases, ClarivateAnalytics, SpringerLink, Science, neighboring countries polpred.som (free), fallow Deer (2019), to the national database of the Republican interuniversity e-library.

The official website is available in three languages: Kazakh, Russian and partially English.

The degree of satisfaction of students and teaching staff of the OP is carried out by the University by monitoring the opinions of staff trained through direct and anonymous questionnaires.

The University management pays special attention to the prevention of conflicts of interests and relations. Within the framework of prevention, various measures are taken, including those aimed at improving the material well-being of teaching staff, supporting the initiative, promoting the scientific activities of teaching staff and students. The mechanism of management of conflicts of interests and relations is developed.

The analysis of the questionnaire showed 100% complete satisfaction of students with the level of accessibility and responsiveness of the University management.

#### *Analytical part*

The experts came to the conclusion that the information collected and analyzed by the University takes into account the key performance indicators, but within the framework of the accredited OP work on the accounting of these indicators should be intensified. Students, employers and faculty are involved in the collection, analysis and decision-making processes, but this work should be carried out on a systematic basis. The satisfaction of the needs of faculty, staff and students within the OP at the University is regularly measured. In order to carry out scientific research there is access to teaching staff and students to information in the relevant fields of science.

The Commission notes that the official website of the University and faculties is widely used as a source of information for students. Analysis of the site showed that not always up-to-date information is provided, and information is not always available in three languages, most often there is no information in English. In this regard, the site should be populated in all three languages.

According to the results of the survey, 98.9% of respondents were fully satisfied with the usefulness of the website of educational institutions in General and faculties in particular; the same number of participants in the survey are fully satisfied with the clarity of the procedure for taking disciplinary measures. 95.7% of respondents are convinced that the library is well equipped and has a fairly good collection of books.

#### *Strengths/best practices*

- op management makes decisions based on facts;
- determined the frequency, forms and methods of evaluation of management OP;
- the University has a mechanism to measure the degree of satisfaction of the needs of staff, staff and students in the framework of the OP.

the University takes into account the information proposed for collection and analysis in the framework of the OP on the dynamics of the population.

- the University takes into account the information expected to be collected and analyzed in the OP on the level of performance, achievements of students and their expulsion.

- the University takes into account the information expected to be collected and analyzed within the OP on the satisfaction of students with the implementation of OP and the quality of education at the University.

- the University showed the availability of educational resources and support systems for students.

- the University confirmed the implementation of procedures for processing personal data of students, faculty, employees on the basis of their documentary consent.

#### ***EEC Recommendations***

Systematically update information on the website of the University and faculties in three languages.

The conclusions of the WEC according to the criteria of standard "information Management and reporting" under OP "5B012600 Mathematics-Physics", OP "6D060100 Mathematics", OP "5B012800 Physics-Informatics", OP "6D011100 computer science", OP "5B052100 State audit," OP "6D050600 Economy": strong – 8, -8 satisfactory.

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

The evidence part

The main mission of the University is to implement the educational programs presented for primary accreditation according to the quality of education manual of the EKSU. The estimated OP are focused on obtaining students' academic knowledge and skills that are aimed at their personal development and are used in their future careers.

Development and approval of educational programs at the University is carried out in accordance with the provisions of legal acts in the field of higher and postgraduate education. While involving all relevant entities of the University, faculty, Department, faculties, departments, etc. mechanisms for the implementation of open and vowels, decision-making collegial. The scientific level and objectives of educational programs meet the requirements, are consistent with the mission of the University and meet the needs of potential consumers.

The experts were convinced that the procedures for the development of OP and their approval at the institutional level at the University are defined in the internal normative document "Regulations on the development of modular educational programs" (28.12.2018). The process of developing the OP is preceded by the analysis of trends in education, the study of the dynamics of the main indicators of the labor market, the analysis and forecasting of demand for personnel. So, for example, according to the program "Digital Kazakhstan", approved by Decree of the Government of the Republic of Kazakhstan No. 827or 12 December 2017, the main activity of the University is the transition to "Digital University". The University drafted the "SMART University" in 2017-2019, with specific stages of the transition EKSU in the digital University.

Members of the EEC confirm the following stages of development and development of the OP: development of the OP project by a working group from among the staff of the Department and partners -employers in accordance with the National qualification framework, industry qualification framework and professional standards (if any), SES, model curricula and model programs of disciplines; discussion of the OP project at a meeting of the Department; examination of the OP, its demand, formed competencies and expected learning results at a meeting of the Academic Council; development of recommendations for amendments and additions to the OP; updating the OP (in terms of elective subjects) on modules; adjusting the content of the OP (modules to achieve learning outcomes), taking into account modern requirements; determining methods of teaching, learning and evaluation, ensuring the achievement of learning results; development of evaluation tasks to measure the learning outcomes of the OP, etc.), etc. the Leading role in the development and updating of the OP is assigned to the academic Council, which includes teaching Staff, students, graduates, employers.

The activity of the Council is regulated by P EKSU 019-16 "On the Academic Council of EKSU. S. Amanzholova".

Experts made sure that the accredited OP developed with the participation of stakeholders, discussed at meetings of graduate departments, Faculty councils, Methodological and Academic councils of the University. The OP received positive feedback from external experts, agreed with employers and approved in accordance with the rules established at the University. For example, OP 5B012600-Mathematics-Physics, the basic data on which is available at <https://www.vkgu.kz/ru/page/5v012600-matematika-fizika.html> developed with the participation of: faculty - associate professors of the Department of mathematics of the University, candidate of physico-mathematical Sciences, Magzumova E. M. and PhD Lanovoy F. S.; teachers of schools Ibraeva G. N., teachers of mathematics regional boarding school Daryn, and Vaganovoy B. B., the mathematics teacher of high school №20 of them. A. Baitursynov; 4th year students of Zhaksylykova A. E., learning of specialty 5b010900-Mathematics. OP 5B012600-Mathematics And Physics agreed with the employer in the face of Sadykov B. O., Director of KSU school №20. A. baitursynova, and approved at the meeting of the Academic Council of the University 29.08.2018, Protocol № 1. OP "Economy" developed with the participation of E. S. Sitnikova, lecturer at the Department of Economics and management, employers by Genculum S. J., direktorom LLP "Shygys apart", O. V. Chernyshov, Director of LLP "Institute of analysis and forecasting ASD", graduate by Andreolini R., a student Nurzhan N. The structure of the OP implements a systematic approach in terms of coordination of the content and logical sequence of presentation of disciplines. Prerequisites and post-requisites are determined at the level of departments, taking into account the educational achievements of students.

Experts note the presence of the developed models of the graduate of OP characterized by ability to carry out professional activity at the set level of quality and including knowledge, abilities, skills, competences. Model graduate of accredited OP was developed in the manufacturing departments, it was attended by faculty departments, employers, students. For example, the proposals received from employers were discussed at the meetings of the Department of Economics and management (Protocol No. 7 of 07.03.2018), the Department of computer modeling and information technology (Protocol No. 1 of 14.01.2009), the Department of mathematics (Protocol No. 3 of 14.01.2009). Qualifications obtained at the end of the OP, defined and recorded in the model of the graduate OP, it corresponds to a certain level of NSC.

Members of VEK were convinced that development of OP is carried out taking into account offers of PPS and employers following the results of passing of professional practices, for example, the Director of school No. 32 Filatova O. N., the head of EKSTU Department. D. Serikbayev rahmetullina Z. T., Director of secondary school №20 of them. A. baitursynova Sadykov B. O. and others. the Representativeness of employers is justified by the level of interest in cooperation.

Experts noted that the MOS is made in three languages: Kazakh, Russian and English, indicating the forms of examinations, ects credits, language of teaching, designation of competencies for each discipline. Formation of individual educational trajectories is carried out on the basis of CED, which contains a list of all disciplines of the component of choice, indicating the purpose of the study, the summary and the expected results of the study. The number of annually updated elective disciplines for accredited OP is 4-8 units. There is a sequence of studying disciplines, based on the principles of science and continuity, the rational distribution of disciplines from the standpoint of the uniformity of the load of the student, the effective use of personnel and material and technical potential of the University. There is an academic interrelation of disciplines, continuity, consistency of content, both within one stage (for example, bachelor's degree), and between different stages of education (bachelor's degree - master's degree, master's degree – doctorate).

The registration office and the Department of postgraduate education carry out the registration of students in the discipline. Students of the first year of study begin the registration procedure after professional and academic orientation, which is carried out in a timely manner in



order to explain the principles of the credit system of training and prospects for future professional activities. The registration algorithm has been developed and successfully operates.

### **Analytical part**

The experts concluded that the University defined and documented the procedures for the development and approval of the OP. Manual OP presented evidence for the involvement of faculty, students and employers in the development of OP, to ensure their quality, having developed the models of graduate TA's. However, it should be noted on the qualitative composition of the academic councils. So, for example, OP "Public audit" developed with the participation of Cholponbaev K. G., K. T. Conneway teachers of the Department of Finance and accounting, Deryabina O. I., chief accountant of LLP "Ust-Kamenogorsk condenser plant", a graduate of Mukhamedieva S. G., a 3rd year student of the specialty "Accounting and audit" Nurbop sh. Note that the partner of the Department, which also takes part in the discussion of the OP is GU "Department of internal state audit of the East Kazakhstan region of the Committee of internal state audit of the Ministry of Finance of the Republic of Kazakhstan". However, we note that more professional auditors directly involved in the conduct of the state audit should be involved to better discuss the content of the OP.

Despite the fact that the Department of Finance and accounting has established cooperation and has an agreement with the SI "Department of internal state audit of East Kazakhstan region of the Committee of internal state audit of the Ministry of Finance of the Republic of Kazakhstan" has not yet established cooperation with the main state bodies for the conduct of state audit. For a better discussion and examination of the content of educational programs to establish cooperation with the Accounts Committee for control over the execution of the Republican budget, the Ministry of Finance – as the main state bodies for the state audit throughout the country.

The Commission notes that on accredited specialties of OP "5B012600 Mathematics-Physics", OP "6D060100 Mathematics", "5B012800 Physics-Informatics", OP "6D011100 Informatics", "5B052100 State audit", OP "6D050600 Economy" there are no joint OP with foreign educational organizations. Currently, the University has done some work in this direction. The University has memoranda and cooperation agreements. Work should be done to harmonize the content of educational programs with other Kazakh and foreign universities.

The analysis of the studied documents, as well as the results of interviews with students, faculty, graduates and employers led to the conclusion that the conditions for professional certification of students are not sufficiently created, although such an opportunity exists on the specifics of accredited OP on the market.

#### **Strengths/best practices**

- definition and documentation of procedures for the development and approval of OP;
- clear definition and clarification of qualifications obtained upon completion of the OP;
- development and approval of MOS, plans for their development.

#### **EEC Recommendations**

According to the OP "5B052100 State audit" to expand the academic Council and attract more practitioners – specialists in the field of public audit.

On OP "5B052100 State audit" to establish cooperation with the Accounts Committee for control over the execution of the Republican budget, the Ministry of Finance to discuss and review the content of educational programs.

Harmonize the content of educational programs with other Kazakh and foreign universities and strengthen the work on the implementation of joint educational programs with foreign educational organizations for all accredited OP.

Consider the possibility of training students for professional certification for all accredited OP.

The conclusions of the WEC according to the criteria of the standard "Development and approval of educational programmes" under OP "5B012600 Mathematics-Physics", OP

"6D060100 Mathematics", OP "5B012800 Physics-Informatics", OP "6D011100 computer science", OP "5B052100 State audit," OP "6D050600 Economy": strong – 3, -9 satisfactory.

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

The evidence part

The order of monitoring, analysis and revision of educational programs is defined in the University. The Commission on the results of the visit and the meetings noted that the monitoring mechanism is used feedback (survey, interview, questioning faculty, students). Monitoring and periodic evaluation of the evaluated educational programs are aimed at achieving its goals, the full formation of the planned learning outcomes. Planning of improvements is implemented with the use of quality management tools. Measures are being developed to improve the processes that are reflected in the documentation of the quality assurance system on the website of the University <https://www.vkgu.kz/ru/page/vneshnyaya-ocenka-uchebnyh-dostizheniy.html> ahhh!

An accessible educational resource environment, including computer equipment, software products – licensed and purchased, websites, computer classes, reading rooms, book Fund, Fund of educational digital materials, etc., has been created for training. The University has created the necessary conditions for self-education of students: in each educational building there is a library with a Fund of educational, methodical, scientific literature, periodicals; an electronic library with subscriptions to domestic and foreign databases is constantly available; the presence of free Internet on all computers of educational buildings is traced.

Interviewing of students showed that conditions for participation in competitions, competitions and subject Olympiads are created; student self-government bodies are working; all conditions for engaging in research work are created.

Information about the planned and taken actions is available to all interested persons and is presented on the official website of the University. The information collected as a result of monitoring is analyzed and brought in line with modern requirements, the latest achievements of science in a particular discipline, changing needs of society.

The educational programs presented for primary accreditation are updated in connection with the change of state compulsory standards of higher education and professional standards, the introduction of new directions and elective courses. Updating of educational programs is carried out by the decision of the Academic Council in accordance with the requests of interested persons.

Monitoring and periodic evaluation of the estimated OP was confirmed in the minutes of the meetings of the departments and the minutes of the Academic Council.

Interviewing showed that the University periodically (2 times a year) is monitored to determine the satisfaction of teaching staff and students in the learning process as a whole; as well as a system of motivation for scientific achievements, over-fulfillment of the academic load, as evidenced by a survey conducted by the Commission of the EEC.

#### **Analytical part**

Analysis of the studied documents, as well as the results of interviews with students, faculty, graduates and employers led to the conclusion that the content of academic disciplines in educational programs is not always updated and take into account current trends in the development of the country. In this regard, there is a need to revise the content of academic disciplines. During the interviews with employers, students, graduates were also expressed the wish to strengthen the practice orientation of the courses offered.

The Commission found that changes are periodically made in the OP. However, during interview it became clear that not always interested persons are informed and are aware of those changes which are made in OP. The information provided on the website is also not always up to date. In this regard, the work in this direction should be strengthened.

The survey of students conducted during the visit of VEK NAAR showed that:

- the level of responsiveness to feedback from teachers regarding the educational process is fully satisfied – 98.9 %; partially – 1.1%; satisfied with the quality of teaching completely – 100%.

Strengths/best practices

- monitoring and periodic evaluation of the OP involves changing the needs of society and the professional environment.

- monitoring and periodic evaluation of the OP involves the workload and academic performance of students.

- monitoring and periodic evaluation of the OP provides expectations, needs and satisfaction of students with training on the OP.

### ***EEC Recommendations***

To strengthen the practice orientation of educational disciplines by conducting classes at the branches of departments.

Improve stakeholder awareness of any changes in the OP by enhancing social networking, digital adoption, etc.

The conclusions of the WEC according to the criteria of the standard "Constant monitoring and periodic evaluation of educational programmes" under OP "5B012600 Mathematics-Physics", OP "6D060100 Mathematics", OP "5B012800 Physics-Informatics", OP "6D011100 computer science", OP "5B052100 State audit," OP "6D050600 Economy": strong – 3, -6 satisfactory.

### ***6.5. Standard "Student-Centered learning, teaching and performance assessment"***

The evidence part

On the visit of VEK made sure that EKSU them.S. Amanzholova provides academic freedom to students, pays great attention to student-centered learning, which corresponds to the mission, goals, policy in the field of quality of education.

In EKSU the student is an active "subject" of the educational process, which is expressed in the ability to influence the definition of the content of educational programs, the independent formation of the educational trajectory, the choice of the teacher, the assessment of the level of effectiveness of training and teaching methods, evaluation of the professional qualities of teaching staff. The University operates a system of student self-government, through which students participate in solving social issues. The University has developed the practice of conducting sociological surveys of students for their satisfaction with the quality of education. In addition, during the reporting period, a questionnaire was conducted to allow students to assess the professional level of a particular teacher ("Teacher through the eyes of students"). The University management provides equal opportunities for students, regardless of the language of instruction to form an individual educational program.

Thus, the staff of the Department accredited OP various interactive and innovative teaching methods. For example, the software "1C: Accounting" is widely used in the OP "State audit".

The University has a service of advisors, which is designed to assist in the development of the educational program. Assistance advisors expressed in Advisory assistance in the adaptation period of students on the accredited OP, in work with foreign students in the selection of subjects, teachers, the scientific research, in employment, in the socio-educational aspects and others. The individual curriculum is made together with the adviser, on the basis of work with the Catalog of elective disciplines. Individual learning path is a prerequisite for credit technology training. Students on the basis of individual curricula are provided with an educational and methodical complex (emcd), which includes a training program (Syllabus), active handouts,

abstracts of lectures, plans of practical (seminar) classes, test tasks, semester tasks, exam questions, contains a policy of grading and evaluation criteria. Umkd are placed in two languages, are in free access on chairs.

Teachers are constantly improving their skills. For example, on OP "State audit" Apysheva A. A. course "Finance and accounting" in the amount of 72 hours, Belousova L. I. course "Accounting and audit" at the Kazakh national University. Al-Farabi (April 15-27, 2019), Apysheva A. A. course "Prospects of development of accounting and auditing in the Republic of Kazakhstan" in the amount of 72 hours in the Professional organization of accountants "Alliance of professional accountants" (April 3-14, 2017), Zhaparova A., Belousova L. I. attended the course "Methods of teaching accounting disciplines in higher education" in the amount of 72 hours. in the Center of advanced training of EKSU. Amanzholova (April 1-12, 2019) and others. They, in turn, through open classes, methodical seminars of the Department, meetings of methodical sections, a permanent methodical seminar of the University train other teachers, organize courses on the updated content of education for students.

The content of accredited OP is implemented taking into account the achievements of science in specific disciplines to ensure the relevance of the disciplines taught.

For academic support of students there is an opportunity to get additional consultations with teachers in a specially allotted time. At the departments serving accredited educational programs, the Commission of the EEC was convinced of the availability of a schedule of additional classes. Repayment of the academic difference and debt is carried out through the summer semester.

The educational process is fully provided with all the necessary information sources: textbooks, manuals, manuals and developments in academic disciplines, active handouts and instructions for independent work, access to online educational resources. There are electronic textbooks, lectures, presentations, etc.

The Commission notes that on the basis of the results of participation of students accredited OP in the procedures of independent evaluation of learning outcomes, in particular departments, confirmed by the satisfactory quality of teaching.

Teaching staff of the Department uses its own electronic textbooks and manuals in the educational process.

Monitoring the success of students, undergraduates, doctoral students can be tracked in the journal of the AIS system of the EKSU. Since the University implements the code of honor (displayed on сайт: <https://www.vkgu.kz/ru/page/pravila-akademicheskoy-chestnosti.html>), according to it, transparency of mechanisms of control of results of examinations, appeals, reaction to complaints of the trained is provided.

Work on the implementation of inclusive education at the University is carried out on the basis of the Plan of organization of psychological and pedagogical support of inclusive education in the EKSU named after S. Amanzholov for 2016-2020. (full information and position displayed on the website of the University: <https://www.vkgu.kz/ru/page/inkluzivnoe-obrazovanie.html>). a working group on the implementation of inclusive education has been Established (order No. 201-p of 18 may 2018).

The following conditions have been created: at the entrance to the buildings №1, 2 there are ramps, special double-sided signs on self-adhesive film are pasted. The library of the educational building №1 has tables for wheelchair users. On the official website of the University there is a version for the visually impaired.

### **Analytical part**

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

During the interview with the students, they expressed the problem that it is not always possible to engage in a personal computer and perform SRS, write thesis outside school hours, as many came from rural areas or other regions of the country and do not have the opportunity to have their own laptop, and the opportunity to work in the library or in the computer rooms of the University is only in the daytime. As an option, they offered to buy laptops for the University

and give students for personal use for a year. Inspection of the material and technical base of the University showed that the hostel has only two computers in the hall, which is not enough for all students living in the hostel.

The Commission notes the fact that despite the fact that the University has a policy of forming a contingent of students, there is a lack of students in the full-time Department of OP "State audit", OP "6D011100 Informatics", OP "6D060100 Mathematics". To attract students and doctoral students for all accredited OP strengthen career guidance work through digitalization. So, for example, to attract students to the undergraduate, it would be possible to organize a Digital School for students of the city and the region with the organization of off-site classes. This will increase awareness about the University and attract students in advance. It will also allow students to try out a large number of professions and decide what to choose for their future. After all, often employment is not in the specialty of University graduates is associated, first of all, with the wrong choice of specialty.

#### Strengths/best practices

- the OP guide ensures respect and attention to different groups of learners and their needs;
- the OP guide provides for the use of different teaching and learning methods;
- the leadership of the OP has demonstrated the existence of a mechanism to support the autonomy of students, with simultaneous guidance and assistance from the teacher.
- evaluators have modern methods of assessing learning outcomes and regularly improve their skills in this area.

#### ***EEC Recommendations***

To attract students and doctoral students for all accredited OP strengthen career guidance work through digitalization, for example with the creation of a Digital School.

Create conditions for students to work independently in the hostel and provide them with the opportunity to work on a personal computer, as many came from rural areas or other regions of the country and do not have the opportunity to have their own laptop. It is necessary to buy some additional computers or laptops in the hostel.

The conclusions of the WEC according to the criteria of the standard "student-centred learning, teaching and performance assessment" in OP "5B012600 Mathematics-Physics", OP "6D060100 Mathematics", OP "5B012800 Physics-Informatics", OP "6D011100 computer science", OP "5B052100 State audit," OP "6D050600 Economy": strong – 4, -6 satisfactory.

#### ***6.6 Standard "Students»***

##### ***The evidence part***

The policy of formation of the contingent of students is to accept the number of students who are most prepared to study at the University, consciously chose a specialty, scored the required number of points on the results of UNT and KTA (graduates of General secondary schools, colleges) on the basis of the state order (grant), a grant from the local budget and paid basis, as well as specialists with diplomas for a second higher education on the basis of an interview.

Admission to study at the University undergraduate school graduates is carried out in full-time, College and University graduates - full-time with the use of DOT on the basis of TVET, VPO.

on OP 5B012600-Mathematics And Physics are trained 27 full-time students on the state educational grant and grant MIO.

On OP 5B012800-Physics-Informatics 12 students are trained full-time on the state educational grant.

In the OP "Public audit" trained 8 employees on the basis of Tipo and VPO.

Currently, the specialty "6D050600 Economics" trained full-time 1 doctoral student on a contractual basis.

There is a lack of students in the full-time Department of OP "State audit", OP "6D011100 Informatics", OP "6D060100 Mathematics".

In order to conduct professional orientation of high school students, systematic career guidance work is carried out. Explanatory work among graduates of schools of the city and area is organized: meetings with school students, parents and teachers are held. Members of the alumni Association, graduates of different specialties are actively involved in the policy of formation of the contingent.

At the time of the selection Committee according to the approved schedule of the faculty of departments during the summer period, students are familiarized with the OP of the University. Full information about all specialties of departments for the correct choice of future profession is given.

For applicants and their parents prepared directories specialties in Russian and Kazakh languages, containing information about the features of specialties, as well as future professional activities.

The University has a system of adaptation support for students, Registrar's office, advisors service and the first adaptation week for first-year students and foreign students. All related information is reflected on the website университета <https://www.vkgu.kz/ru/page/bakalavriat-materialy-po-organizacii.html> ahhh! During

adaptation week organized meetings with deans, heads of departments and advisors, familiarity with the Charter, mission and strategy of the University, the rules of conduct at the University, which is confirmed by interviewing students.

Students are informed in a timely manner with the prospects of future professional activity, with the help of advisors service is the formation of individual educational trajectory. During the adaptation period, the curators conduct familiarization tours of the University.

All procedures governing the life cycle of students, including transferable GPA points approved by the academic Council and published on the website университета <https://www.vkgu.kz/ru/page/vneshnyaya-ocenka-uchebnyh-dostizheniy.html>

Orders on the movement of students are created and registered office Registrar permanently introduced fixation and analysis of the reasons for the movement of the contingent of students at educational levels and forms of education.

An important factor is the presence on the website of the University subsection Ekgulive, which includes: successes and achievements of students, provisions for social support of students, youth policy and educational work <https://www.vkgu.kz/ru/page/v-pomoshch-pedagogu.html> ahhh!

Career guidance work is carried out according to the approved plans of the departments of the University to prepare students for admission to the UNIVERSITY. Centralized management of this work is assigned to the center of pre-University training. All information is available on the website, including information on the formation of the student contingent, etc.

Each Department of the University in order to recruit students conducts visits to schools, interviews with parents and graduates, questionnaires, presentation of videos about the specialties of the University, organizes competitions and competitions, subject Olympiads and Open days. For each Department of the University assigned to the city and district schools of the region, which are branches of departments.

Admission to the University is based on the results of the unified national testing (UNT) and complex testing (CT). When enrolling in the University, each student receives an educational services agreement, which contains information about the rights and obligations of the parties, the amount and procedure of payment for educational services, the responsibility of the parties and the procedure for resolving disputes, the validity period, the procedure for changing the terms of the agreement and its termination.

Work to ensure academic mobility is carried out on the basis of the "Regulations on academic mobility". EKSU ensures the conformity of the actions of the Lisbon Convention on recognition. Programs of academic mobility of students of EKSU are funded by the Ministry of education and at the expense of the University.

Taking into account professional requirements to the specialist in the labor market and requirements of potential employers contracts with the following institutions are signed: KSU "school № 20". A. baitursynova, KSU "school № 16" Ust-Kamenogorsk, KSP "East Kazakhstan humanitarian College" g. Ust-Kamenogorsk, Institute of analysis and forecasting of East Kazakhstan region, RSU" Department of statistics of East Kazakhstan region of the Committee on statistics of the Ministry of national economy of the Republic of Kazakhstan", RSU" Department of internal state audit on East Kazakhstan REGION of MF RK" Ust-Kamenogorsk, GU "Management of state revenues in Ust-Kamenogorsk" Ust-Kamenogorsk, LLP "invest Audit" Ust-Kamenogorsk, etc.

Employment of graduates in the University is provided by close connection with the bases of practices, holding job fairs and "open days" with the participation of companies – potential employers.

The University has a system of support for gifted and socially vulnerable students in the form of scholarships, discounts on tuition, food stamps and public transport (the situation is reflected on the website университета <https://www.vkgu.kz/ru/page/socialnaya-podderzhka-studentov.html>). Gifted students are involved in research activities, make presentations at national scientific conferences, round tables. Educational and cognitive, research and social activity of students marked by the following achievements: the University has created the necessary conditions for the creative development and participation of students/undergraduates/doctoral students in research. Forms of organization of research activities is the participation of students in conferences, seminars, competitions; scientific circles; publications in scientific journals and collections of reports, materials and abstracts of conferences. When departments operate in scientific circles.

An important factor is the presence on the website of the University a whole section on the scientific achievements of teaching staff and students, where there are many subsections with the provisions and scientific achievements of students. For example: information about the publication activity of students, information about scientific schools, upcoming seminars and conferences, international cooperation for the implementation of academic mobility, etc. <https://www.vkgu.kz/ru/page/socialnaya-podderzhka-studentov.html>

Meeting of members of the expert group with students and graduates of the University showed that the University successfully operates student government.

The Department of educational work and social Affairs and the Committee for youth Affairs are working to maintain a healthy moral and psychological climate in the student community. Students are actively involved in the work of collegial management bodies (Academic Council, rector's office, Academic Council, DAS, etc.). In General, for the organization of educational work with students, effective forms and methods necessary for the formation of a competitive specialist are used. For full disclosure of creative potential of the personality of students informal competitions and festivals, concerts, evenings, Kvny, disputes, visit of concerts, museums, exhibitions, performances, sports competitions among students, faculty and employees within traditional Spartakiads are organized. Curators, advisors together with students annually participate in the months of AIDS prevention, clean Thursday, plant your tree, I am a patriot, etc.

The University has created the necessary conditions for the creative development and participation of students/undergraduates/doctoral students in research. Confirmation of research activities is the participation of students in conferences, seminars, competitions; scientific circles; publications in scientific journals and collections of reports, materials and abstracts of conferences, which is also available on the website of the University <https://www.vkgu.kz/ru/page/osnovnye-dostizheniya-nirs-universiteta.html>

### **Analytical part**

The procedure of formation of the University contingent is regulated and reflected in the academic policy. For the adaptation of students held orientation introductory week. Students take an active part in the scientific, academic and socio-cultural life of the University, according to the specifics of the OP: conferences, clubs, start-up projects (all achievements are published on the website of the University). As part of the implementation of academic mobility, students accredited all OP go to universities in Kazakhstan and Russia.

According to the results of interviews with students (undergraduate, graduate, doctoral), the Commission was convinced of the plan of academic mobility and internships, their documentation, credit transfer. However, the Board noted the weak internal mobility activities for all accredited OP.

The meeting of the members of the expert Committee with employers and visiting the practice bases confirmed the excellent opportunities of the University to provide students with places of practice, to promote employment of graduates, to keep in touch with them.

The Commission notes that during the meeting with the representatives of the alumni Association and a detailed conversation with them, the experts have formed conclusions about the active functioning of the public organization, as the alumni Association implements projects, conducts regular activities, implement joint projects with University graduates at different sites.

The survey of students of VEK showed that 98% of students are fully satisfied with the support of educational materials in the learning process, 98% of students are satisfied with the satisfaction of the existing educational resources of the University, 95% of students are fully satisfied with the teaching and relevance of teaching disciplines.

Students Express their full satisfaction with the availability of academic advice (95.7%); the availability of health services (96.7%); the availability of library resources (96.7%); the existing educational resources (97.8 %); the overall quality of curricula (98.9 %); the relationship between student and teacher (98.9%).

#### ***Strengths/best practices***

- the University has a policy of contingent formation in the context of OP from admission to graduation;
- manual OP determines the maximum size of the group during seminars, workshops, laboratory classes;
- the management of the OP pursues a policy of forecasting the number of state grants;
- the management of OP carries out policy of the analysis of available material and technical, information resources, personnel potential;
- the user analyzes the potential of social conditions for students;
- management has demonstrated readiness to provide students with places of practice, to promote employment of graduates, to keep in touch with them;
- provides the possibility for graduates OP the documents confirming obtained qualifications.

#### ***EEC Recommendations***

Expand the range of programs and increase the number of students traveling within the framework of internal and external academic mobility for all accredited OP.

***The conclusions of the WEC according to the criteria on the standard "Students" under OP "5B012600 Mathematics-Physics", OP "6D060100 Mathematics", OP "5B012800 Physics-Informatics", OP "6D011100 computer science", OP "5B052100 State audit," OP "6D050600 Economy": strong – 7, -6 satisfactory requiring improvement 1.***

### **6.7 Standard "Teaching staff»**

#### ***The evidence part***

Personnel policy is implemented in accordance with the main priorities of the University strategy. The staff of the teaching staff of educational programs is completed in accordance with



the legislation of the Republic of Kazakhstan and the Rules of competitive replacement of positions of scientific and pedagogical staff of higher educational institutions.

Recruitment is carried out on the basis of an analysis of the needs of the educational program, the results of which announced a competition for vacant positions. Appointment and promotion is carried out on the basis of the order of the rector of EKSU. S. Amanzholova taking into account the professional competence of staff and staff. The human capacity of PPP, in General, corresponds to the strategy of EKSU. S. Amanzholova and specifics of accredited OP.

The Department of mathematics has 15 teachers, 11 of whom are full-time, including: 2 doctors of Sciences, 1 doctor of PhD, 5 candidates of Sciences. The share of staff teaching staff with academic degrees and titles is 53 %.

Apyshhev O. D. - corresponding member of the APN of Kazakhstan, Honorary worker of education of the Republic of Kazakhstan, winner of the medal of MES "ybyray Altynsarin".

Madiyarov M. N. – awarded The diploma of MES in 2009 and 2017.

Educational programs "5B012600 Mathematics-Physics" and "6D060100 Mathematics" at the University implements the Department of mathematics. OP 5B012600 Mathematics And Physics serves 41 teachers, including 38 - staff and 3 - part-time. Of the full-time teachers have a degree of 24 people. As of 01.01.2019, the degree of maturity in the direction of OP is 58.5%, OP "6D060100 Mathematics" is implemented by 7 full-time teachers: 2 doctors of Sciences, 1 doctor of PhD, 4 candidates of Sciences. The degree of the OP "6D060100 Mathematics" is 100%.

The Department of physics and technology has 29 teachers, 18 of whom are full-time, including: 1 doctor of science, 2 PhD, 10 PhD. The share of staff teaching staff with academic degrees and titles is 54 %. Educational program 5B012800–Physics–Informatics at the Department of physics and technology 33 implementing teacher. Of the 31 staff teachers have a degree of 19 people, which is 56.25% of the degree.

At the Department of physics and technologies under OP "5B012800 Physics - Informatics", work: the holder of the title "Best teacher of the University": Abylkalykova R. B.-2018; a member of the Republican project "100 new faces of Kazakhstan" Jilkishinova A. M.-2017, Radilov B. K.-2018.

According to the General rating of the teaching staff of universities of the Republic of Kazakhstan (TOP 50) of the national rating of 2018, conducted by the Independent Agency of accreditation and rating (NAAR): Kylyshkanov M. K. took 36th place (1750), Kveglis L. I. took 39th place (1600).

- "Honorary worker of education of the Republic of Kazakhstan" Smolin G. S. - 2002., Pavlov, A. M. 2004.

- Akhmetzhanov B. K. was awarded the badge "For merits in the development of science of the Republic of Kazakhstan" - 2012.;

- Bektasova G. S. - awarded the jubilee medal "25 years of Independence of the Republic of Kazakhstan", November 29, 2016, Diploma for contribution to the development of education and achievements during the years of spiritual and social development of independent Kazakhstan, 2018

Training under accredited 5B052100 "State audit" in EKSU. S. Amanzholova carried out at the Department of Finance and accounting. 5B052100 "State audit" is implemented by 21 teachers, including 2 doctors of Sciences, 8 candidates of Sciences, 6 masters, who are full-time employees of the University. The degree of maturity in the direction of OP is 55%.

The Department "Finance and accounting" at the OP 5B052100 Public audit work: 1. member of the International engineering Academy of RK (MIA) – Alimbetov U. S.; member of the Association "Alliance of accountants and auditors of Kazakhstan" - Cholponbaev To:J.; holder of the badge of MES of Alimbetov U. S. for merits in development of science Of the Republic of Kazakhstan, 2015.; the owner of a breastplate of 2017. MES – Alimbetov the U. S. for merits in development of science of Kazakhstan – 2017; winner of the international Award of Honorary leader of the National Economy of the U. S. Alimbetov, 2018; a holder of the

commemorative medal in connection with the 60th anniversary of EKSU. Semey – Alimbetov U. S. Cholponbaev K. J. letter of Appreciation from the rector of EKSU. S. Amanzholov for scientific achievements and contribution to science for research work of students - A. A. Apishev, Alimbetov W. S., K. J. Cholponbaev The letter of thanks of Akim of Ust-Kamenogorsk have Shikhanova N. To., A. A. Apishev, Alimbetov W. S., K. J. Cholponbaev

The Department of Computer modeling and information technology has 16 teaching staff, 13 of which are full-time, including: 3 PhD, 2 candidate of technical and 2 candidate of pedagogical Sciences. The share of staff teaching staff with academic degrees and titles is 53.8 %.

Training of staff OP 6D011100-Informatics is carried out by the Department of computer modeling and information technologies of EKSU. S. Amanzholova. This educational program is implemented by 5 full-time teachers: 3 candidates of Sciences, 2 PhD doctors. The degree of op is 100%.

At the Department of Computer modelling and information technologies (Cmiit) at OP 6D011100-Informatics, working:

- Nugumanova A. B. - doctor of PhD, associate Professor, holder of the title "Best teacher of the University" for 2018;
- Zhantasova Zh - - Ph. D., head.the Department awarded a diploma of the MES RK, 2018

The educational program "6D050600 Economics" at the Department of Economics and management is implemented by 5 full-time teachers who have a degree, the degree is 100%. In the teaching staff of the Department of Economics and management - 1 doctor of Sciences, 4 candidates of Sciences. The share of staff teaching staff with academic degrees and titles is 100%.

At the Department of Economics and management of OP "6D050600 Economics" work: holder of the title "Best teacher of the University": Kaigorodtsev AA; winner of the medal. V. N. Vernadsky (Moscow, Russian Academy of natural Sciences)": Kaigorodtsev AA - 2017; honored worker of science and education (Moscow, Russian Academy of natural Sciences)": Kaigorodtsev AA; winner of the Diploma of the Winner of the International exhibition "Best educational and methodical publication in the industry" (Moscow, Russian Academy of natural Sciences)": Kaigorodtsev AA; winner of The diploma of the MES RK: Bolgauov TA; the owner of the Badge "For contribution to the development of science of Kazakhstan": Bolgauov T. A.

According to the OP "State audit" to the teaching involved in the production of the following teachers with practical experience:

- Cholponbaev K. J. – LLP "invest-Audit", assistant to the auditor;
- Mukhamedieva S. G., SEREBRO LLP, chief accountant.

According to the educational program of the State audit, the following teachers have certificates of international standard:

- certificate University of applied Sciences Zwickau, Germany: Apysheva A. A., Zhaparova A., K. J. Cholponbaev.;
- certificate IC: Belousova L. I.;
- certificate of the Cyprus international University A. M. Zhaparov.;
- certificate of the Summer school of foreign languages of Belgrade E. Kamshibaev.

The development of human resources is also carried out through the replenishment of the teaching staff by graduates of the master's and doctoral programs, as well as through annual competitions for vacant positions of teaching staff in accordance with internal regulations, based on the needs of the implementation of the OP. Annually planned admission to the master's and doctoral programs, including the target doctoral young teachers. For example, enrolled in a doctoral program in the Department of mathematics in 2017 - J. R. Zhaksylykov (Almaty), 2018 Alimbekova N. B. (Almaty), in the Department of Economics and management in 2017 - Dalatov E. B. (Almaty), 2018 Baigazinova A. J. (Almaty).

St. teacher of the Department of Economics and management ordabaeva MA defended her thesis PhD in March 2018 at the University of Narxoz.

In the departments for the execution and implementation of the OP, the following practices involved with the production, as well as teachers of schools of Ust-Kamenogorsk: Kylyshkanov M. K., D. SC.of medical Sciences, Professor, head of laboratory of uranium JSC "Ulba metallurgical plant"; Jilkishinova A. M., K. f.-PhD, SNS National scientific laboratory of collective use of EKSU.S. Amanzholova; Verigin A. A. – Director of LLP "Technoanalit", Pavlov A.V. – LLP "Production company "BEST" chief, Filatova O. N. –Director of KSU school№32, I. M. Rodionov – teacher of the highest category of the pre-Mountain school, E. L. Kolyasnikova - teacher of the highest category "Center for developmental education ""East", tuyakbaev B. T. head. scientific and production laboratory of innovative technologies of the National scientific laboratory of collective use of EKSU.S. Amanzholova, Iskakov B. A. K. F.-M. N., Director of KSU "Educational and production plant", Kokenova G. K. – mathematics teacher of the highest category of KSU "Regional specialized school-boarding school named after Zhambyl for gifted children", etc.

The management of the OP is taking certain measures to attract the best foreign teachers to lecture. So, for example, table 1 presents scientists involved in the departments of physics and technology, Department of mathematics.

admission to the master's and doctoral programs, including the target doctoral young teachers. For example, enrolled in a doctoral program in the Department of mathematics in 2017 - J. R. Zhaksylykov (Almaty), 2018 Alimbekova N. B. (Almaty), in the Department of Economics and management in 2017 - Dalatov E. B. (Almaty), 2018 Baigazinova A. J. (Almaty).

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The management of the OP is taking certain measures to attract the best foreign teachers to lecture. So, for example, table 1 presents scientists involved in the departments of physics and technology, Depart

#### ***6.8. Standard "Educational resources and student support systems"***

Of EKSU. S. Amanzholova has the material and technical base, providing all kinds of practical training and research work of students, provided by the educational programs of the University and the relevant current sanitary-epidemiological and fire regulations.

All buildings of the University have a system of internal water supply and Sewerage, electricity, heating, ventilation and air conditioning, telephone, connected to urban communication networks. Artificial lighting of classrooms, laboratories and offices complies with applicable regulations. Educational buildings and student dormitories are equipped with fire protection devices.

The University has the necessary classroom Fund, computer classes, gyms, a rich book Fund. Specialty is equipped with necessary classrooms, teaching laboratories, computer rooms, teaching materials and specialised rooms.

The educational process of the University is supported by 9 servers: Plato server, Proxy server, 1C server, mail server, Moodle server, DNS server, social network, etc. The University has 11 Wi-Fi access points.

For educational and research purposes, the producing departments use the following licensed SOFTWARE: MatLab, 3D Studio Max 2017, MS SQL Server 2014, anti-Plagiarism.University, MS SharePoint, Antivirus programs Eset Nod 32, etc.

The necessary living conditions, cultural environment and conditions for the development of sports have been created. Full-time students of the faculty live in the Houses of Students. In the House of students №4 there are: a recreation room, a reading room, a shower room, a Laundry room, etc. In the reading room there is a small library, as well as access to Wi-Fi. The total number of students places – 1753.

The auditor Fund of OP Economy and OP the State audit for carrying out lecture, practical classes and laboratory works has the following offices which have passports, means of fire extinguishing:

- Office of public management (educational building №9, room. No. 501);
- Cabinet of economic theory (academic building №9, room. No. 505);
- Office of strategic management (academic building №9, AUD. No. 506);
- Tax laboratory (educational building №9, AUD. No. 406);
- Laboratory of regional economic monitoring and analysis (educational building №9, AUD. No. 401);
- Center for economic and legal research at the site "G-Global" (educational building №9, AUD. No. 507);
- Computer class (academic building №9, room. No. 404).

In the 2017-2018 academic year, the faculty of Economics and law opened and equipped the Center for economic and legal research at the site "G-Global".

The classroom Fund of the Department of mathematics, physics and technology for lectures, practical classes and laboratory work has the following rooms, which have passports, fire extinguishing means:

- Study methods of teaching physics (academic building №7, AUD. No. 207);
- Laboratory of mechanics and molecular physics (educational building №7, room. No. 302)
- Laboratory of optics and astronomy (educational building №7, room. No. 401);
- Laboratory of atomic and nuclear physics (educational building №7, AUD. No. 402);
- Laboratory of electricity and magnetism (educational building №7, AUD. No. 406);
- Laboratory of semiconductors and dielectrics (educational building №1, AUD. No. 319).
- Study methods of teaching mathematics named after Om teut.

In the educational building №7 there is a pilot site of the national scientific laboratory of collective use of EKSU. S. Amanzholova, where laboratory and practical classes are held, theses and master's theses are carried out, training and production practices are held.

The classroom Fund of the Department of Finance and accounting for lectures, practical classes and laboratory work has the following rooms, which have passports, fire extinguishing means:

- Office of public management (educational building №9, room. No. 501);
- Cabinet of economic theory (academic building №9, room. No. 505);
- Office of strategic management (academic building №9, AUD. No. 506);
- Tax laboratory (educational building №9, AUD. No. 406);
- Laboratory of regional economic monitoring and analysis (educational building №9, AUD. No. 401);

- Center for economic and legal research at the site "G-Global" (educational building №9, AUD. No. 507);
- Computer class (academic building №9, room. No. 404).

In General, the material and technical, information and library resources used for the organization of the process of training and education are sufficient to fulfill the stated mission, goals and objectives and meet the requirements of the implemented educational programs.

One of the most important units providing information and methodological support of the educational process is the library.

The whole process of document processing is automated with the help of as "IRBIS-64". Bibliographic records are created to search for information in the electronic and card catalogues of the library. All documents are indexed and systematized by UDC. The electronic catalogue of the library included the database "Books", "Works of scientists of East Kazakhstan state University", "Article", "Rare Fund", "Library electronic full-text documents - Rukhaniyat", the database "Social history", "Archive editions East Kazakhstan state University", etc. the Catalogue is available in the University's corporate network and the Internet on the library website <http://library.vkgu.kz>.

The library network includes 150 computers of all structural divisions of the library of the main building of the University and libraries-branches of other academic buildings.

A Terminal class is organized in the reading room of the library students. This is a completely new type of connection to the Internet and University resources, ensuring the efficiency of obtaining information.

Information capabilities of the library are expanded through access to international and national resources available via the Internet: Web of Science "Clarivate Analytics" (formerly Thomson Reuters); SpringerLink (Springer GmbH); Science Direct, Scopus (Elsevier B. V.), Republican interuniversity electronic library (RSEB); project of the Kazakhstan national electronic library (EGBF-KazNEB), initiated by the NAB RK; project on the use of resources of International databases within the National subscription; Regional project of libraries of Ust-Kamenogorsk on corporate bibliographic processing of periodicals of the Republic of Kazakhstan, as well as with the Corporation "IRBIS" on the organization of corporate exchange of bibliographic records with the largest libraries in the world.

The University library is located in all academic buildings. The total area of the library is 2690 sq. m. the Number of seats in the reading rooms is 480. Library readers are served at 14 service points, including 4 subscriptions, 4 reading rooms and 6 specialized branches in different academic buildings.

The main book Fund is on 01.01.19 year – 1 068 124 units. From them educational literature – 570 685 copies, from them in the Kazakh language – 334 852 copies. Electronic access to library resources is carried out by means of the page of the University website <http://library.vkgu.kz>

Table.2. The volume of the total book Fund in the context of specialties

<b>Indicator</b>	<b>Academic year /copy. 2018-2019</b>
5B012600 – Mathematics- Physics	138 414
includingtheEnglish.yaz.	101
6D060100-Mathematics	134
includingtheEnglish.yaz.	14
5B012800 - Physics-Informatics	15063
includingtheEnglish.yaz.	227
6D011100-computer Science	325
5B052100-State audit	10735
includingtheEnglish.yaz.	148

6D050600 –Economy	298
includingtheEnglish.yaz.	20

Students available support system Moodle, Platonus, <http://euniver.vkgu.kz/> remote ([www.edu.vkgu.kz/](http://www.edu.vkgu.kz/)).

The University opened a student service Center "PARASAT", focused on the implementation of the state program "Digital Kazakhstan", the purpose of which is to provide students with administrative, Advisory services on the principle of "one window" on the basis of high standards of service.

The Commission notes that the social and cultural environment of the University and favorable conditions for the development of personality and regulation of socio-cultural processes that contribute to the strengthening of moral, civic, cultural qualities of students.

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

As a result of visual inspection of the facilities of the material base by the members of the VEK, it was noted that to ensure the educational process of accredited educational programs, the University has all the necessary educational and material assets. Buildings and structures of the University meet the current sanitary standards and fire safety requirements. Classroom and laboratory facilities, classrooms and other facilities, sports facilities comply with established norms and rules.

Educational programs are equipped with the necessary classroom Fund, educational laboratories, computer classes, gym.

Students have access to computers connected to the Internet, and after hours.

To optimize the educational process and visibility of training in EKSU. S. Amanzholova uses multimedia tools: video projectors and interactive whiteboards. To achieve educational goals and objectives of EKSU. S. Amanzholova has different types of technical resources: laboratory equipment, installations, stands, models and models of products used for educational and research purposes, computer and other computer equipment, software.

The organization of check of written works on plagiarism is regulated by the procedure of QMS №29 from 1.04.2019 " On the use of the system "Antiplagiat", which describes in detail the process of checking the written works of students.

The Commission notes that despite the fact that the University operates a Wi-Fi system, there are some failures in the work and the network does not catch in all places. This fact was noted during the interview by the students.

Also, when examining the material and technical base, conducting interviews with students, they voiced a wish to improve the material and technical resources of the University.

According to the results of the survey of students with support of educational materials in the learning process 97% fully satisfied,2,2% partially satisfied; 96.7% fully satisfied, 3.3% partially satisfied with the availability of library resources; 98.9% fully satisfied and 1.1% partially satisfied with classrooms, classrooms for large groups; 96.7% fully satisfied and 2.2% partially satisfied with the provision of the hostel. In General, 97.8% of the University's existing educational resources are fully satisfied and 2.2% of the surveyed students are partially satisfied.

#### ***Strengths/best practices:***

- the University conducts an examination of the results of research, final works, theses on plagiarism.

#### ***EEC Recommendations***

Ensure the smooth functioning of Wi-Fi in all buildings of the University.

Continue to improve the material and technical resources and IT-infrastructure of the departments.

To consider the possibility to extend the space of the classroom and rest rooms for students.

The conclusions of the WEC according to the criteria of the standard "Educational resources and support system for students" under OP "5B012600 Mathematics-Physics", OP "6D060100 Mathematics", OP "5B012800 Physics-Informatics", OP "6D011100 computer science", OP "5B052100 State audit," OP "6D050600 Economy": heavy – 1, -7 satisfactory.

### ***6.9. Standard "Public Information»***

#### ***The evidence part***

Information about the activities of the University and the implementation of educational programs is available on the official website [www.vkgu.kz](http://www.vkgu.kz) ahhh!

The University has a variety of ways to disseminate information to inform the public and stakeholders. Information is available on the following media and materials:

- the official web site of EKSU. S. Amanzholova – [www.vkgu.kz](http://www.vkgu.kz),
- announcement and news system - <http://euniver.vkgu.kz> ,
- quarterly issue of the journal "Regional Bulletin of the East»,
- annual "Open day", job fair at the University,
- design of information stands, which contains information about the specialties of the University, excerpts from the rules of admission of EKSU. S. Amanzholova in Russian and Kazakh languages,
- publication and distribution of advertising and information booklet, preparation of video about the University, the departments,
- production of image products with the logo of EKSU. S. Amanzholova.

Faculty and students of the University systematically inform the General public about the activities of EKSU. S. Amanzholova through publication in the media, in social networks.

The University actively conducts activities aimed at improving the professional competence of teachers in the region. In addition, teachers accredited OP annually participate as a jury in regional competitions of school and student projects and urban and regional subject Olympiads, etc.

Information about the discipline, its objectives, the composition of the subject, the evaluation procedures, passing scores and educational opportunities provided to students are given in syllabus disciplines that are available to students in the systems <http://euniver.vkgu.kz> and Moodle, on the official website of the University in the section "Education": <https://vkgu.kz> ahhh!

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

The Commission notes the systematic work on the placement of information on the site, which allows for transparency. VEC notes the availability of full information on teachers involved in the implementation of accredited OP on the Institute's website. However, information on the site is not always available in all three languages. Not always up-to-date information is provided.

The University provides an active media presence in the region, takes part in explaining the President's Messages and government programs, ensures the dissemination of relevant information in the framework of educational programs.

The University performs the external evaluation procedures in full within the accredited programs and takes an active part in the National ranking of the OP among the universities of Kazakhstan, consistently entering the top ten of the Republican universities participating in the ranking. Information and analytical system of the University fully provides continuous monitoring of the activities of the OP, aimed at customer satisfaction of the OP, provides evidence of feedback or response to requests of students and stakeholders of the OP.

#### **Strengths/best practices:**

- publication in the framework of educational programs of objective and relevant information on the expected results of training implemented OP.

- publication of objective and up-to-date information on qualification, which will be assigned at the end of the educational program.
- the guide provided a variety of ways to disseminate information.
- management informs the public on the support and explanation of the national development programs of the country and the system of higher and postgraduate education.

#### ***EEC Recommendations***

The University management, in accordance with the program of multilingualism to provide information on the site in three languages.

The conclusions of the WEC according to the criteria in the standard "public information" under OP "5B012600 Mathematics-Physics", OP "6D060100 Mathematics", OP "5B012800 Physics-Informatics", OP "6D011100 computer science", OP "5B052100 State audit," OP "6D050600 Economy": strong – 4, -6 satisfactory.

#### ***6.10 Standard "Standards in the context of individual specialties»***

Each of the op submitted for accreditation has its own uniqueness:

OP "5B012800 Physics And Informatics": the uniqueness of the trajectory "Integrated programs for the study of physics and Informatics", according to the development Program for 2018-2022, is that bachelors with specialization acquire all the knowledge, skills and abilities to work as teachers of physics and Informatics in secondary and small schools, gymnasiums, lyceums, schools, colleges, as well as to work in research centers and organizations. Graduates of OP can carry out educational, methodical and scientific activities in educational institutions, as well as conduct organizational, managerial and scientific activities in enterprises and organizations of the city and region.

The uniqueness of OP "6D011100 Informatics" lies in the joint implementation of the project "Intelligent transport system" Connected Car with JSC "Asia Auto". Internet of things, machine learning, ontology."

The uniqueness of the OP "State audit»:

- OP 5B052100 – "State audit" is implemented only in two universities of Kazakhstan;
- highly qualified staff of the faculty (the Department has practices with experience in auditing, teachers who speak three languages (Kazakh, Russian and English), etc.);
- head of the OP – the only specialist in the profile – candidate of economic Sciences in the region with the specialty code 08.00.12 - Accounting, statistics (in Kazakhstan, the lack of specialists with such a code);
- branch of the Department – invest-Audit LLP»;
- elective disciplines that are read only in this University within the OP;
- accounting laboratories (software 1C: Accounting) and tax laboratory (SONO -tax reporting processing system);
- practice bases (state bodies, companies engaged in state audit);

The uniqueness of OP "Economy»:

- the only University in the region that trains students on the level of doctoral OP "6D050600 Economy»;
- highly qualified staff;
- OP contains disciplines taking into account features of the East Kazakhstan region;
- branch of the Department – "Institute of analysis and forecasting" LLP»;
- laboratory of regional analysis of economic monitoring and analysis and Center for economic and legal research at the "G-Global" site»;
- practice bases;
- book supply OP.



According to the requirements of SES the content of disciplines of educational programs of bachelor degree "5B012600 Mathematics-Physics", "5B012800 Physics-Informatics", "5B052100 State audit", "6D060100 Mathematics", "6D011100 Informatics", "6D050600 Economics" is aimed at the formation of professional competence of students, obtaining theoretical knowledge in the field of psychology, pedagogy and skills in the field of communication and information technology. Accredited OP require mandatory knowledge and building their own professional activities on the basis of knowledge in the field of ICT. Therefore, theoretical training in various areas of ICT is a mandatory component of training bachelors and masters of education. These professional competencies and requirements for students' knowledge is reflected in the MOS OP and in the model of the graduate in each OP.

The management of the OP demonstrated knowledge of the main trends of ICT updating and in accordance with these trends focused its activities on the following main directions of education development:

- provision of literacy of graduates of OP in the field of information technologies,
- development of practical ICT skills,
- ensuring the readiness of graduates to work in large and medium-sized companies,
- development of inclusive culture and professional competences, etc.

Conducted a review procedure or directly participated in the development of existing OP, including teaching materials (modular curricula, work programs, syllabuses, etc.):

- Sadykov B. O., Director of KSU "Secondary school №20. A. baitursynova", 5b012600 – Mathematics-Physics.
- Rakhmetullina Zh. T., head. Department of Mathematical and computer modeling, EKSTU. D. serikbayeva, by 6D060100 – Mathematics;
- Bordano I. V. head. Department of Kazakhstan-American Free University, 5b052100 – State audit;
- - Director of LLP "invest" Audit, the Independent auditor of the RK– Adrysheva S. J.;
- Head of the Department of internal state audit of East Kazakhstan region – Mamayev S. E.

Also, the training of students involved teachers-practitioners who are leading employees in their organizations:

Kylyshkanov M. K., D. F.-M. N., Professor, head of uranium laboratory of JSC "Ulba metallurgical plant"; Zhilkashinova a.m., Ph. D.-M. N., SNA of the National scientific laboratory of collective use of EKSU.S. Amanzholov; Verigin A. A. – Director of LLP respectively your Pavlov A.V. – too "Production firm "BEST" head, Filatova O. N. –Director of the KSU school №32, Rodionov I. M. – teacher of the highest category Predgornomu school, Kolyasnikova L. E. - teacher of the highest category of the "Center of developing education "Vostok, B. T. tuyakbayev head. scientific and production laboratory of innovative technologies of the National scientific laboratory of collective use of EKSU.S. Amanzholova, Iskakov B. A. K. F.-M. N., Director of KSU "Educational and production plant", Kokenova G. K. – mathematics teacher of the highest category of KSU "Regional specialized school-boarding school named after Zhambyl for gifted children", etc.

At the departments of mathematics and computer modeling and information technology implemented joint educational programs for master's degree.

For each type of practice teachers of the Department in accordance with the Rules of organization and conduct of professional practice and the rules for determining the organizations as the bases of practices developed and approved working curricula and assignments to the educational practice of students of specialties with guidelines for their implementation.

#### *Analytical part*

Based on the results of the analysis, the members of the EEC concluded that teaching on accredited educational programs is based on the achievements of science and practice in the field of specialization.

The Commission provides evidence-based information on the availability of practice-oriented nature of training, which allows to form the necessary professional competence of graduates.

Presented and confirmed by the facts information about the types of practices and related aspects, identified the main skills acquired as a result of training.

In the course of interviews with students, graduates and employers, a proposal was made to strengthen the practical orientation of the courses offered. In this regard, it is necessary to invite more often practitioners from enterprises, civil servants, as well as to develop elements of dual education at senior courses. Despite the fact that some TA's have their branches on the bases of enterprises, for example, OP "Public audit" the branch was opened on the basis of open company "invest-audit", not enough of them. Note, you should also open the branches of departments at training bases, businesses, schools, and government agencies.

The Commission notes that despite the fact that the OP "State audit", OP "Economy" are unique, it was possible to improve the content of the OP. For example, an interview with the head of the OP "Economy", the analysis of documents showed that not enough attention is paid to the issue of digitalization, although our country is now moving to the digital economy. It was possible to introduce additional elective courses in this direction. You should also revise the content of courses for OP 5B012600-Mathematics-physics, 5B012800-Physics-computer science with the latest achievements of science and education.

The survey of students showed that 98.9% of the surveyed students are fully satisfied with the overall quality of educational programs and the quality of teaching at the University, and 1.1% of students are partially satisfied. Thus, the overall satisfaction with the educational process is 99.1%.

***Strengths/best practices:***

in the direction of "Education»:

- the management of the OP demonstrated the presence in the program of disciplines that teach innovative teaching methods and training planning, including interactive teaching methods, teaching methods with high involvement and motivation of students.

in the direction of "Natural Sciences, agricultural Sciences, engineering and technology»:

- The OP should include disciplines and activities aimed at gaining practical experience and skills in the specialty as a whole to the core disciplines.

-the teaching staff involved in the education program includes as full-time teachers, practitioners in the field of ICT.

***EEC Recommendations***

Revise the content of disciplines for OP "5B012600-Mathematics-physics", "5B012800 Physics-Informatics" taking into account the latest achievements of science and education.

For OP "5B052100 State audit", "6D050600 Economy": the management of OP to carry out systematic work on updating the content of educational programs in accordance with the trends of development of the country: OP "State audit" in connection with the preparation of state auditors of the new format; OP "Economy" in connection with the transition of Kazakhstan to the digital economy.

Continue activities to ensure practice-oriented in order to instill in students practical experience and skills in all accredited educational programs.

The management of the OP provide for the possibility of opening a branch of departments on the basis of enterprises for individual classes or entire disciplines of specialization.

Conclusions of the EEC on the criteria for the standard "Standards in the context of individual specialties": in the direction of "Education": strong – 1, satisfactory -3; in the direction of "Social Sciences, Economics and business, services, Humanities and law": satisfactory -4; in the direction of "Natural Sciences, agricultural Sciences, engineering Sciences and technologies" strong – 2, satisfactory -3.

## **(VII) REVIEW STRENGTHS/ GOOD PRACTICES FOR EACH STANDARD**

Standard "educational program Management»:

- the existence of a published quality policy, reflected in the quality policy of the link between research, teaching and learning.
- the existence of a mechanism for the formation and regular review of the development plan of the OP.
- stakeholders (students, employers, teachers) are involved in the formation of the development plan of the OP.
- University demonstrated uniqueness and individuality DEFINE.
- clear definition of staff responsibilities.
- the University ensures the participation of representatives of stakeholders in the collective management bodies of the OP.
- management has demonstrated a willingness to be open and accessible to students, faculty, employers and other stakeholders.
- management has been trained in management programs in education.

Standard "information Management and reporting»:

- op management makes decisions based on facts;
- determined the frequency, forms and methods of evaluation of management OP;
- the University has a mechanism to measure the degree of satisfaction of the needs of staff, staff and students in the framework of the OP.

the University takes into account the information proposed for collection and analysis in the framework of the OP on the dynamics of the population.

- the University takes into account the information expected to be collected and analyzed in the OP on the level of performance, achievements of students and their expulsion.
- the University takes into account the information expected to be collected and analyzed within the OP on the satisfaction of students with the implementation of OP and the quality of education at the University.
- the University showed the availability of educational resources and support systems for students.
- the University confirmed the implementation of procedures for processing personal data of students, faculty, employees on the basis of their documentary consent.

Standard "Development and approval of the educational program»:

- definition and documentation of procedures for the development and approval of OP;
- clear definition and classification of qualifications obtained upon completion of the OP;
- development and approval of MY, plans for their development.

***Standard "Continuous monitoring and periodic evaluation of educational programs»:***

-monitoring and periodic evaluation of the OP involves changing the needs of society and the professional environment.

- monitoring and periodic evaluation of the OP involves the workload and academic performance of students.

- monitoring and periodic evaluation of the OP includes expectations, needs and satisfaction of learners by DEFINITION.

***Standard "student-Centered learning, teaching and performance assessment»:***

- the OP guide ensures respect and attention to different groups of learners and their needs;

- the OP guide provides for the use of different teaching and learning methods;

- the leadership of the OP has demonstrated the existence of a mechanism to support the autonomy of students, with simultaneous guidance and assistance from the teacher.

- evaluators have modern methods of assessing learning outcomes and regularly improve their skills in this area.

Standard "Students»:

- the University has a policy of contingent formation in the context of OP from admission to graduation;
- manual OP determines the maximum size of the group during seminars, workshops, laboratory classes;

- the management of the OP pursues a policy of forecasting the number of state grants;
- the management of OP carries out policy of the analysis of available material and technical, information resources, personnel potential;
- the user analyzes the potential of social conditions for students;
- management has demonstrated readiness to provide students with places of practice, to promote employment of graduates, to keep in touch with them;
- provides the possibility for graduates OP the documents confirming obtained qualifications.

***Standard "Teaching staff»:***

- the University has an objective and transparent personnel policy, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff.
- human potential corresponds to the development strategy of the NGO and the specifics of the OP;
- the management of OP is aware of the responsibility for its employees and provides them with favorable working conditions;
- the University provides opportunities for career growth and professional development of the faculty.

***Standard "Educational resources and student support systems»:***

- the University conducts an examination of the results of research, final works, theses on plagiarism.

***Standard "public Information»:***

- publication in the framework of educational programs of objective and relevant information on the expected results of training implemented OP.
- publication of objective and up-to-date information on qualification, which will be assigned at the end of the educational program.
- the guide provided a variety of ways to disseminate information.
- management informs the public on the support and explanation of the national development programs of the country and the system of higher and postgraduate education.

***Standards in the context of individual specialties:***

in the direction of "Education»:

- the management of the OP demonstrated the presence in the program of disciplines that teach innovative teaching methods and training planning, including interactive teaching methods, teaching methods with high involvement and motivation of students.

in the direction of "Natural Sciences, agricultural Sciences, engineering and technology»: - The OP should include disciplines and activities aimed at gaining practical experience and skills in the specialty as a whole to the core disciplines. -the teaching staff involved in the education program includes as full-time teachers, practitioners in the field of ICT.

## **(VIII) REVIEW RECOMMENDATIONS FOR IMPROVING QUALITY**

***Standard "educational program Management»***

- for OP "5B012600-Mathematics-Physics", "5B012800 Physics-Informatics", "6D060100 Mathematics", "6D011100-Informatics": analysis and implementation of innovative proposals in the management of the educational program carried out on a systematic basis.

for OP "5B052100 Public audit", "6D050600 Economy" should strengthen risk management analysis.

***Standard "Information Management and reporting»***

- systematically update information on the website of the University and faculties in three languages.

***Standard "Development and approval of the educational program»***

- on OP 5B052100 "State audit" to expand structure of academic Council and to involve more practitioners – experts in the field of carrying out the state audit.

- on OP 5B052100 "State audit" to establish cooperation with the Accounts Committee for control over the execution of the Republican budget, the Ministry of Finance for discussion and examination of the content of educational programs.

- harmonize the content of educational programs with other Kazakh and foreign universities and strengthen the work on the implementation of joint educational programs with foreign educational organizations for all accredited OP.

-to consider the possibility of training students for professional certification for all accredited OP.

***Standard "Continuous monitoring and periodic evaluation of educational programs»***

-to strengthen the practice orientation of educational disciplines by conducting classes at the branches of departments.

-improve stakeholders ' awareness of any changes in the OP through enhanced social media, digital adoption, etc.

***Standard "student-Centered learning, teaching and performance assessment»***

- to attract students and doctoral students for all accredited OP strengthen career guidance work through digitalization, for example with the creation of a Digital School.

- create conditions for students to work independently in the hostel and provide them with the opportunity to work on a personal computer, as many came from rural areas or other regions of the country and do not have the opportunity to have their own laptop. It is necessary to buy some additional computers or laptops in the hostel.

***Standard "Students»***

- expand the range of programs and increase the number of students traveling within the framework of internal and external academic mobility for all accredited OP.

***Standard "Teaching staff»***

- to continue work on the development of academic mobility of teaching staff (external and internal) within all accredited OP.

***Standard "Educational resources and student support systems»***

- ensure the smooth functioning of Wi-Fi in all buildings of the University.

- to continue to improve the material and technical resources and IT-infrastructure of the departments.

- to consider the possibility of expanding the areas of classrooms and recreation rooms for students.

***Standard "public Information»***

-University management, in accordance with the program of multilingualism to provide information on the site in three languages.

***Standards in the context of individual specialties:***

- revise the content of disciplines for OP 5B012600-Mathematics-physics, 5B012800-Physics-computer Science with the latest achievements of science and education.

- for OP "5B052100 State audit", "6D050600 Economy": the management of OP to carry out systematic work on updating the content of educational programs in accordance with the trends of development of the country: OP "State audit" in connection with the preparation of state auditors of the new format; OP "Economy" in connection with the transition of Kazakhstan to the digital economy.

- to continue activities to ensure practical orientation in order to instill in students practical experience and skills in all accredited educational programs.

- the management of OP to provide an opportunity of opening of branch of departments on the basis of the enterprises for carrying out separate occupations or the whole disciplines of specialization.



Annex 1. Estimated table « SPECIALISED PROFILE PARAMETERS »  
**educational programmes "5B012600 Mathematics-Physics", "6D060100 Mathematics",  
 "5B012800 Physics-Informatics", "6D011100 Informatics", "5B052100 State audit",  
 "6D050600 Economics»**

№ п/п	№ п/п	Evaluation criterion	Position of the organization of education			
			Strong	Satisfactory	Suggests improvement	Suggests improvement
<b>Standard " Management of educational program»</b>						
1	1.	The organization of higher and (or) postgraduate education should have a published quality assurance policy. Quality policy should reflect the link between research, teaching and learning.	+			
2	2.	The organization of higher and (or) postgraduate education should demonstrate the development of a culture of quality assurance, including in the context of OP.		+		
3	3.	Commitment to quality assurance should apply to all activities performed by contractors and partners (outsourcing), including joint/double-degree education and academic mobility.		+		
4	4.	The management of the OP demonstrates readiness to ensure transparency in the development of the OP development plan based on the analysis of its functioning, the real positioning of the NGO and the focus of its activities to meet the needs of the state, employers, students and other stakeholders. the Plan should contain the timing of the start of the educational program.		+		
5	5.	The management of the OP demonstrates the existence of mechanisms for the formation and regular revision of the op development plan and monitoring its implementation, assessing the achievement of training goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the OPERATING system.	+			
6	6.	The management of the OP should involve representatives of stakeholder groups, including employers, trainees and PPP, in the development of the OP.	+			
7	7.	The management of the OP should demonstrate the individuality and uniqueness of the development plan of the OP, its consistency with national priorities and development strategy of the organization of higher and (or) postgraduate education.	+			
8	8.	The organization of higher and (or) postgraduate education should demonstrate a clear definition of those responsible for business processes within the OP, a clear distribution of staff responsibilities, the division of functions of collegial bodies.	+			
9	9.	The management of the OP should provide evidence of the transparency of the educational program management system.		+		
10	10.	The management of the OP should demonstrate the existence of an internal quality assurance system of the OP, including its design, management and monitoring, their improvement, decision-making on the basis of facts.		+		
11	11.	The management of the OP should manage risks, including within the framework of the OP undergoing primary accreditation, as well				

		as demonstrate a system of measures aimed at reducing the risk.		+		
12	12.	The management of the OP should ensure the participation of representatives of employers, teaching staff, students and other interested persons in the collective management bodies of the educational program, as well as their representativeness in decision-making on the management of the educational program.	+			
13	13.	The GS should demonstrate innovation management within the OP, including analysis and implementation of innovative proposals.		+		
14	14.	The EP management should demonstrate evidence of openness and accessibility to learners, faculty, employers and other stakeholders.	+			
15	15.	Management of the OP should be trained in education management programs.	+			
<b>Total for standard</b>			<b>8</b>	<b>7</b>	<b>0</b>	<b>0</b>
<b>Standard "Information Management and reporting»</b>						
16	1.	The GS should demonstrate the existence of an information collection, analysis and management system based on the use of modern information and communication technologies and software, and that it uses a variety of methods to collect and analyse information in the context of the OP.		+		
17	2.	The management of the OP should demonstrate that there is a mechanism for the systematic use of processed, adequate information to improve the internal quality assurance system.		+		
18	3.	The leadership of the OP should demonstrate fact-based decision-making.	+			
19	4.	Within the framework of the OP, a system of regular reporting should be provided, reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of the activities of units and departments, research.		+		
20	5.	OO should establish the frequency, forms and methods of evaluation of management of OP, the activities of collegial bodies and structural units, senior management, implementation of research projects.	+			
21	6.	The GS should demonstrate the order and security of information, including the identification of those responsible for the accuracy and timeliness of information analysis and reporting.		+		
22	7.	An important factor is the availability of mechanisms for involving students, employees and teaching staff in the collection and analysis of information, as well as decision-making based on them.		+		
23	8.	The management of the OP should demonstrate that there is a mechanism for communication with learners, employees and other stakeholders, as well as conflict resolution mechanisms.		+		
24	9.	The GS should demonstrate that mechanisms are in place to measure the satisfaction of the needs of PPP, staff and trainees within the CS.	+			
25	10.	OO should include an evaluation of the effectiveness and efficiency of activities, including in the context of the OP.		+		
		<i>Information intended for the collection and analysis in the framework of the OP should consider:</i>				
26	11.	key performance indicator;		+		
27	12.	dynamics of the contingent of students in the context of forms and types;	+			



28	13.	the level of academic achievement, student achievements, etc;	+			
29	14.	satisfaction of students with the implementation of OP and the quality of education at the University;	+			
30	15.	availability of educational resources and support systems for students.	+			
31	16.	OO must confirm the implementation of procedures for processing personal data of students, employees and teaching staff on the basis of their documentary consent.	+			
<b>Total standard</b>			<b>8</b>	<b>8</b>	<b>0</b>	<b>0</b>
<b>Standard "Development and approval of basic educational programs»</b>						
32	1.	The GS should define and document the procedures for developing and approving the OP at the institutional level.	+			
33	2.	The guidebook of the OP should ensure that the developed OP meets the stated objectives, including the expected learning outcomes.		+		
34	3.	The OP guide should ensure that the developed models of the op graduate describe the learning outcomes and personal qualities.		+		
35	4.	The management of the OP should demonstrate external reviews of the content of the OP and the planned results of its implementation.		+		
36	5.	The qualifications assigned at the end of the OP should be clearly defined and correspond to a certain level of the NSC.	+			
37	6.	The management of the OP should determine the impact of disciplines and professional practices on the formation of learning outcomes.	+			
38	7.	An important factor is the possibility of training students for professional certification.		+		
30	8.	The management of the OP should provide evidence of the participation of students, faculty and other stakeholders in the development of ABOUT, ensuring their quality.		+		
40	9.	The complexity of the OP should be clearly defined in Kazakhstan loans and ECTS.		+		
41	10.	The management of the OP should ensure that the content of academic disciplines and planned results are consistent with the level of training (bachelor's, master's, doctoral).		+		
42	11.	The structure of the OP should include various activities to ensure that students achieve the planned learning outcomes.		+		
43	12.	An important factor is the correspondence of the content of OP and learning outcomes of PLO, implemented by organizations of higher and (or) postgraduate education in the epvo.		+		
<b>Total for standard</b>			<b>3</b>	<b>9</b>	<b>0</b>	<b>0</b>
<b>Standard "Continuous monitoring and periodic evaluation of basic educational programmes»</b>						

44	1.	The GS should define mechanisms for monitoring and periodic evaluation of the CS in order to achieve the goal and meet the needs of students and society. The results of these processes should be aimed at continuous improvement of the OP.		+		
		<i>Monitoring and periodic evaluation of the OP should include:</i>				
45	2.	the content of the programs in the light of the latest achievements of science in a particular discipline to ensure the relevance of the taught discipline;		+		
46	3.	changes in the needs of society and the professional environment;	+			
47	4.	student workload and performance;	+			
48	5.	effectiveness of students ' assessment procedures;		+		
49	6.	expectations, needs and satisfaction of students with op training;	+			
50	7.	educational environment and support services and their compliance with the goals of the LEADING.		+		
51	8.	OO, the management of the OP should define a mechanism to inform all stakeholders of any planned or undertaken actions with respect to the OP.		+		
52	9.	All changes made to the OP must be published. The management of the OP should develop a mechanism to review the content and structure of the OP, taking into account changes in the labour market, employers ' requirements and the social demand of the society.		+		
<b>Total for standard</b>			<b>3</b>	<b>6</b>	<b>0</b>	<b>0</b>
<b>Standard "Student-Centered learning, teaching and performance assessment»</b>						
53	1.	The leadership of the OP should ensure respect and attention to different groups of students and their needs, provide them with flexible learning paths.	+			
54	2.	The OP guide should provide for the use of different forms and methods of teaching and learning.	+			
55	3.	An important factor is the availability of own research in the field of teaching methods of academic disciplines OP.		+		
56	4.	The guidebook of the OP should demonstrate the existence of feedback mechanisms on the use of different teaching methods and evaluation of learning outcomes.		+		
57	5.	Leadership of the OP should demonstrate the existence of mechanisms to support the autonomy of students, while at the same time guidance and assistance from the teacher.	+			
58	6.	OP leadership must demonstrate the existence of procedures for responding to complaints of students.		+		
59	7.	The GS should ensure the consistency, transparency and objectivity of the learning assessment mechanism for each OP, including the appeal.		+		
60	8.	The GS should ensure that the procedures for assessing the learning outcomes of students of the OP are consistent with the planned outcomes and objectives of the programme. The criteria and methods of evaluation for the OP should be published in advance.		+		
61	9.	The OO should identify mechanisms to ensure that each graduate of the OP achieves learning outcomes and ensure the completeness of their formation.		+		

62	10.	Evaluators should be familiar with modern methods of assessing learning outcomes and regularly improve their skills in this area.	+			
<b>Total standard</b>			<b>4</b>	<b>6</b>	<b>0</b>	<b>0</b>
<b>Standard "Students»</b>						
63	1.	The GS should demonstrate that there is a policy for the formation of a contingent of students in the context of the OP from admission to graduation and ensure transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) should be defined, approved and published.	+			
		<i>The management of the OP should determine the order of formation of the contingent of students on the basis of:</i>				
64	2.	minimum requirements for applicants;		+		
65	3.	maximum group size for seminars, practical, laboratory and Studio sessions;	+			
66	4.	forecasting the number of state grants;	+			
67	5.	analysis of available material and technical, information resources, human resources;	+			
68	6.	analysis of potential social conditions for students, including the provision of places in the hostel.	+			
69	7.	OP leadership must demonstrate a willingness to undertake special programs of adaptation and support for newly arrived and international students.		+		
70	8.	OO must demonstrate the conformity of the actions of the Lisbon Convention on recognition.		+		
71	9.	The GS should cooperate with other education organizations and national centres of the "European network of national information centres for academic recognition and mobility/National academic Information Centres for Recognition" ENIC/NARIC to ensure comparable recognition of qualifications.		+		
72	10.	Management of the OP should demonstrate that there is a mechanism to recognize the results of academic mobility of students, as well as the results of additional, formal and non-formal education.		+		
73	11.	The GS should provide an opportunity for external and internal mobility of students of the OP, as well as readiness to assist them in obtaining external grants for training.			+	
74	12.	The management of the OP should demonstrate readiness to provide students with places of practice, promote employment of graduates, maintain communication with them.	+			
75	13.	The GS should provide for the possibility of providing the graduates of the OP with documents confirming the qualifications obtained, including the achieved learning outcomes, as well as the context, content and status of the education received and evidence of its completion.	+			
76	14.	An important factor is the availability of mechanisms for monitoring the employment and professional activities of graduates of the OP.		+		
<b>Total standard</b>			<b>7</b>	<b>6</b>	<b>1</b>	<b>0</b>
<b>Standard "Teaching staff»</b>						
77	1.	The GS should have an objective and transparent personnel policy, including in the context of the GS, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff.	+			
78	2.	OO must demonstrate compliance personnel potential of PPP development strategy OO and specificity of AKI.	+			

79	3.	The management of the OP should demonstrate a sense of responsibility for its employees and ensure a favourable working environment for them.	+			
80	4.	The leadership of the OP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning.		+		
81	5.	The NGO should determine the contribution of the PPP OP to the implementation of the development strategy of the LLC, and other strategic documents.		+		
82	6.	The GS should provide opportunities for career growth and professional development of PPP OP.	+			
83	7.	The leadership of the OP should demonstrate a willingness to engage practitioners from relevant industries in teaching.		+		
84	8.	OO should demonstrate motivation of professional and personal development of teachers of OP, including encouragement for integration of scientific activity and education, application of innovative methods of teaching.		+		
85	9.	An important factor is the readiness to develop academic mobility within the OP, to attract the best foreign and domestic teachers.		+		
<b>Total standard</b>			<b>4</b>	<b>5</b>	<b>0</b>	<b>0</b>
<b>Standard "Educational resources and student support systems»</b>						
86	1.	The GS should guarantee a sufficient number of training resources and student support services that meet the objectives of the OP.		+		
87	2.	The GS should demonstrate the adequacy of material and technical resources and infrastructure, taking into account the needs of different groups of students in the context of OP (adults, workers, foreign students, as well as students with disabilities).		+		
		<i>OP leadership must demonstrate the existence of procedures for support of different groups of students, including informing and consulting. The management of the OP should demonstrate the compliance of information resources with the specifics of the OP, including:</i>				
88	3.	technological support of students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs);		+		
89	4.	library resources, including the Fund of educational, methodical and scientific literature on General education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;		+		
90	5.	examination of the results of research, final works, theses on plagiarism;	+			
91	6.	access to educational Internet resources;		+		
92	7.	the functioning of WI-FI in the territory of the organization of education.		+		
93	8.	The GS should strive to ensure that the educational equipment and software intended for use in the development of educational programs are similar to those used in the relevant industries.		+		
<b>Total standard</b>			<b>1</b>	<b>7</b>	<b>0</b>	<b>0</b>
<b>Standard "Public Information»</b>						
		<i>The NGO should publish accurate, objective, up-to-date information about the educational program and its specifics, which should include:</i>				

94	1.	expected learning outcomes of the implemented educational program;	+			
95	2.	qualification and (or) qualification to be awarded upon completion of the educational program;	+			
96	3.	teaching and learning approaches, as well as the system (procedures, methods and forms) of assessment;		+		
97	4.	information about passing scores and training opportunities provided to students;		+		
98	5.	information on employment opportunities for graduates.		+		
99	6.	Руководство по ОП должно предусматривать различные способы распространения информации, включая средства массовой информации, информационные сети для информирования широкой общественности и заинтересованных сторон.	+			
100	7.	Public awareness should include support and clarification of the country's national development programmes and higher and postgraduate education.	+			
101	8.	The NGO should demonstrate the reflection on the web resource of information characterizing it in General and in the context of educational programs.		+		
102	9.	An important factor is the availability of adequate and objective information on the IPP.		+		
103	10.	An important factor is to inform the public about cooperation and interaction with partners in the framework of the OP.		+		
<b>Total for standard</b>			<b>4</b>	<b>6</b>	<b>0</b>	<b>0</b>
<b>Standards in the context of individual specialties</b>						
<b>EDUCATION</b>						
		The educational program of the direction "Education" should meet the following requirements:				
104	1.	The management of the OP should provide for the availability of mechanisms for the formation of graduates of the program of learning outcomes in the field of psychology and communication skills, analysis of personal behavior, methods of conflict prevention and resolution, motivation of students		+		
105	2.	The management of the OP should demonstrate the presence in the program of disciplines that teach innovative teaching methods and training planning, including interactive teaching methods, teaching methods with high involvement and motivation of students (games, case studies/situations, the use of multimedia.)	+			
106	3.	The OP should focus on different types of practices: attending lectures and other classes held by teachers; special seminars and discussions on methodologies and new learning technologies; the opportunity for students to listen to at least one discipline in their field of specialization taught by a practitioner.		+		
107	4.	The content of the OP should provide for the development of students of the world systems of knowledge, skills and methods of pedagogy, as well as knowledge in the field of education management.		+		
<b>Total for standard</b>			<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>
<b>SOCIAL SCIENCES , ECONOMICS AND BUSINESS , HUMANITARIAN SCIENCES AND LAW</b>						
		The educational program of the directions "Social Sciences, Economics and business", "Services", "Humanities" and "Law" must				

		meet the following requirements:				
108	1.	The manual of the OP should provide that teaching in the framework of the program is carried out on the basis of modern achievements of world science and practice in the field of specialization, as well as using modern and advanced teaching methods.		+		
109	2.	The management of the OP should provide for the possibility of access of students to modern and relevant data (statistics, news, scientific results) in the field of specialization in paper ( Newspapers , statistical data collections, textbooks ) and electronic media.		+		
110	3.	The goals and results of training should be aimed at obtaining specific skills that are in demand in the labor market.		+		
111	4.	The OP should include a sufficient number of disciplines and activities aimed at obtaining practical experience of students in the application of theoretical knowledge as a practical training - training in enterprises, participation in lectures and seminars of practitioners, etc.		+		
<b>Total for standard</b>			<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>
<b>NATURAL SCIENCES, AGRICULTURAL SCIENCE, ENGINEERING, AND TECHNOLOGY</b>						
		The educational program of the directions "Natural Sciences", "Technical Sciences and technologies" should meet the following requirements:				
112	1.	The OP should include disciplines and activities aimed at gaining practical experience and skills in the specialty as a whole to the core disciplines in particular, including:: - excursions to enterprises for specialization ( factories, workshops, research institutes, laboratories, training and experimental farms, etc.). ) - conducting individual classes or entire disciplines in the enterprise specialization; - holding seminars to solve practical problems relevant to enterprises in the field of specialization, etc.;		+		
113	2.	The teaching staff involved in the education program should include as full-time teachers, practitioners with long-term experience as a full-time employee in enterprises in the field of specialization of the education program.		+		
114	3.	The content of all disciplines of the OP should be based and include a clear relationship with the content of the fundamental natural Sciences.		+		
115	4.	The manual of the OP should include measures to strengthen practical training in the field of specialization.		+		
116	5.	The management of the OP should provide training for students in the use of modern information technology.		+		
<b>Total for standard</b>			<b>2</b>	<b>3</b>	<b>0</b>	<b>0</b>
<b>JUST</b>			<b>45</b>	<b>70</b>	<b>1</b>	<b>0</b>