



«АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

**on the Results of the Work of an External Expert Commission
for Assessing the Compliance with the Requirements of
Specialized Accreditation Standards of educational programs**

5B070200-Automation and Management

5B070300-Information systems

5M072900-Construction

Baishev University

Site-Visit Dates: April 17-19, 2019

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External expert Commission

Addressed
Accreditation
the Council of IAAR



АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ

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for Assessing the Compliance with the Requirements of Specialized Accreditation
Standards of educational programs
5B070200-"Automation and Management", 5B070300-"Information systems",
5M072900-"Construction»
Baishev University
from 17 to 19 April 2019

Aktobe

19 April 2019 г.

CONTENT

(I) <u>A LIST OF SYMBOLS AND ABBREVIATIONS</u>	4
(II) <u>INTRODUCTION</u>	<u>Ошибка! Закладка не определена.</u>
(III) <u>REPRESENTATION OF THE ORGANIZATION OF EDUCATION</u>	5
(IV) <u>A DESCRIPTION OF THE PREVIOUS PROCEDUREARTICLE</u>	<u>Ошибка! Закладка не определена.</u>
(V) <u>A DESCRIPTION OF THE VISIT OF THE EEC</u>	<u>Ошибка! Закладка не определена.</u>
(VI) <u>THE STANDARDS OF SPECIALIZED ACCREDITATION</u>	<u>Ошибка! Закладка не определена.</u>
6.1 <u>STANDARD "EDUCATIONAL PROGRAM</u>	<u>Ошибка! Закладка не определена.</u>
6.2 <u>THE STANDARD "MANAGEMENT OF INFORMATION AND REPORTING</u>	<u>Ошибка! Закладка не определена.</u>
6.3. <u>STANDARD "DEVELOPMENT AND APPROVAL OF EDUCATIONAL PROGRAMMES"</u>	<u>Ошибка! Закладка не определена.</u>
6.4. <u>STANDARD "CONTINUOUS MONITORING AND PERIODIC EVALUATION OF EDUCATIONAL PROGRAMS</u>	<u>Ошибка! Закладка не определена.</u>
6.5. <u>A STANDARD "STUDENT-CENTRED LEARNING, TEACHING AND PERFORMANCE ASSESSMENT</u>	<u>Ошибка! Закладка не определена.</u>
6.6 <u>STANDARD "STUDENTS"</u>	30
6.7 <u>THE STANDARD "FACULTY</u>	<u>Ошибка! Закладка не определена.</u>
6.8 <u>STANDARD "EDUCATIONAL RESOURCES AND STUDENT SUPPORT SYSTEM</u> <u>Ошибка!</u> <u>Закладка не определена.</u>	
6.9 <u>STANDARD "INFORMING THE PUBLIC</u>	43
6.10 <u>STANDARD "STANDARDS IN THE CONTEXT OF INDIVIDUAL SPECIALTIES</u> <u>Ошибка!</u> <u>Закладка не определена.</u>	
(VII) <u>REVIEW STRENGTHS/ GOOD PRACTICES FOR EACH STANDARD</u> <u>Ошибка! Закладка</u> <u>не определена.</u>	
(VIII) <u>REVIEW RECOMMENDATIONS FOR IMPROVING QUALITY</u>	<u>Ошибка! Закладка не определена.</u>
<u>Annex 1. OPTIONS SPECIALIZED PROFILE</u>	<u>Ошибка! Закладка не определена.</u>

(I) СПИСОК ОБОЗНАЧЕНИЙ И СОКРАЩЕНИЙ

JSC	– joint stock company
BD	– Basic discipline
BU	– Baishev University
EEEEA	– external evaluation of education achievements
HE	– Higher Education
EEC	– external expert Commission
SAC	– State attestation commission
SCES	– State Compulsory Educational Standard
HPED	– High and Post-graduate Education department
USHEM	– Unified system of higher education management
ECTS	– European Credit Transfer and Accumulation System
ICT	– Information and Communications Technologies
IC	– individual curriculum
MES RK	– Ministry of Education and Science of the Republic of Kazakhstan
MOOC	– Massive open online courses
IAAR	– Independent Agency for Accreditation Rating
RW	– research work
NLA	– normative legal acts
NSQ	– National System of Qualification
EP	– Educational Program
TS	– Teaching Staff
RK	– Republic of Kazakhstan
JEP	– Joint Educational Program
EMAREMC	– Educational-methodical Association of the Republican educational - methodical Council

(II) INTRODUCTION

In accordance with the order № 29-19-OD from 20.03.2009 of the Independent Agency of accreditation and rating from 17 to 19 April 2019, the external expert Commission assessed the compliance of educational programs of Baishev University with the standards of specialized accreditation of IAAR.

The report of the external expert Committee (EEC) contains an assessment of compliance of Baishev University with IAAR criteria, recommendations of the EEC for further improvement and parameters of the profile of the EP.

The composition of the EEC:

1. **The Chairman of the EEC** - Skiba Marina Aleksandrovna, candidate of pedagogical Sciences.n., associate Professor, narxoz University (Almaty)
2. **Foreign expert** - Petrovskaya Maria Vladimirovna, Ph. D., associate Professor, peoples' friendship University of Russia (Moscow, Russia)
3. **Expert** - Guzelbaev Gulnara Malikovna, Ph. D., Kostanay engineering-economic University. M. Dulatov (Kostanay)
4. **Expert** – Khamraev Sheripedin Etahunovich, candidate of technical Sciences, associate Professor, Kazakh national pedagogical University. Abay (Almaty)
5. **Expert** - Ryvkina Natalia Valentinovna., senior lecturer of the Department of design of buildings and structures, Eurasian national University. L. N. ENU (Nur-Sultan)
6. **Employer** – Kunanova Dameli Bahytkeyevna, head of human capital development of the chamber of entrepreneurs "Atameken" Aktobe region (Aktobe)
7. **Student** – Bazarbay Nurshat Berikkyzy, 2nd year student of "Finance" Aktobe regional state University. K. Zhubanov (Aktobe)
8. **Student** - Urazova Aina Askhatkyzy, 3rd year student of Aktobe regional state University. K. Zhubanov (Aktobe)
9. **Observer** – Kaderine Nurgul Alimovna, project Manager IAAR (Nur-Sultan) (III)

REPRESENTATION OF THE ORGANIZATION OF EDUCATION

The University was founded in August 1996 as Aktobe branch of the Kazakh state Academy of management. In 1997, it was transformed into the West Kazakhstan Institute of Economics and Finance. In June 2001, the West Kazakhstan Institute of Economics and Finance was renamed Aktobe University named after Saktagan Baishev. As a result in 2018 rebranding Aktobe University named Baisheva converted into Saktagan Baishev University (BAISHEV YNIVERSITET).

The activity of the University is carried out on the basis of the current State license for the right to conduct educational activities (№ KZ60LAA00015320 from 02.04.2009).

The structure of Baishev University includes 3 higher schools, 11 departments, 18 divisions.

The University implements a two-level model of training: bachelor-master and provides training with higher and postgraduate education in the areas of training, which are priority for the industrial and social spheres of the Western region of Kazakhstan: 9 areas of higher education (pedagogical Sciences, arts and Humanities, business, management and law, information and communication technologies, engineering, manufacturing and construction industries, agriculture and bioresources, veterinary services; natural Sciences, mathematics and statistics) and in 2 areas of postgraduate education (pedagogical Sciences, business, management and law).

The contingent of students of the University on April 1, 2019 amounted to 4733 people. Training of students in educational programs of higher education 5B070200-"automation and management", 5B070300-"Information systems", 5B072900-"Construction" is carried out in

accordance with the current legislative and legal acts of the RK, regulatory legal acts of the MES, the Strategic development plan of the EP, coordinated with the Strategic development plan of the University for 2017-2021, The development program of the University of Baishev for 2019-2023, with the mission, vision and strategy of the University.

In 2017, the University and Technopark "Zerek" passed the scientific accreditation of the MES as a subject of scientific and technical activities (certificate of The series MK № 004943 dated April 17, 2017, MK № 004959 dated may 5, 2017).

The University said the level of educational activities in the framework of international institutional reaccreditation , "IAAR" of Kazakhstan (registration certificate number № 0108, date 20.08.2018, period of validity – 5 years).

Also in 2018, the University successfully passed the planned procedure of inspection audit of QMS of the University, conducted by JSC "Natsex" in Aktobe branch, and confirmed the compliance of QMS with the requirements of the standard ST RK ISO 9001-2016 (ISO 9001:2015) in relation to educational activities for training with higher and postgraduate education (certificate № KZ.1510318.07.03.00943 for a period of 5 years).

The University takes the 13th place in the General rating of IAAR of Kazakhstan and entered the TOP 20 universities of the Republic, including the results of the National ranking of universities on EP in accordance with the levels and areas of training.

(IV) A DESCRIPTION OF THE PREVIOUS PROCEDUREARTICLE

The University passed specialized accreditation from June 3 to 5, 2014, all educational programs of the cluster are accredited for 5 years. As a result of the accreditation procedure of the cluster 5B070200 – "automation and management", 5B070300- "Information systems", 5B0702900 – "Construction" External expert Commission made recommendations to improve the quality of training of bachelors in these specialties. In order to implement these recommendations, a plan of measures for their implementation was developed, approved at a meeting of the academic Council of the University on September 25, 2014. On November 14, 2016 the University successfully passed post-monitoring.

The composition of the EEC:

1. The *Chairman of the Commission* --Pogrebetskaya Marina Vladimirovna, candidate of pedagogical Sciences.associate Professor, head of quality management service of North Kazakhstan state University. After M. Kozybaev (Petropavlovsk);
2. *Foreign expert* –Kolesova Svetlana Borisovna, Ph. D., Deputy Director for educational work of the Institute of Oil and Gas. M. S. Gutserieva of Udmurt state University (Izhevsk, Udmurt Republic);
3. *Expert* - Aldabergenova Saule Salimjanova, master of technical Sciences, head of the quality service of the Kazakh agrotechnical University. S. Seifullin (Astana);
4. *Expert* – Khamraev Sheripedin Etahunovich, Ph. D., associate Professor, Professor of "Theoretical and experimental physics", Deputy Director of the Institute of mathematics, physics and Informatics, Kazakh national pedagogical University named after Abai (Almaty);
5. *Expert* -Ahmedjanov Abdullah Ugubayevich, Ph. D., associate Professor of "Standardization and certification", ENU. L. N. Gumilev (Astana);
6. *Expert* – Pak Dmitry YUrievich, Ph. D., associate Professor of the Department of Geology and Geophysics of the Mining faculty of Karaganda state technical University (Karaganda);
7. *Expert*- Turkebaeva Nazira Muhametrahimovna, Ph. D., associate Professor of the Department "Finance, accounting and audit" Kazakh Academy of transport and communications named after M. Tynyshpayev (Almaty);
8. *Employer* – Mahuov Manas Danilovich, senior engineer of Aktobe distance of signaling and communication (Aktobe);

9. *Student* -Seytzhanova Elena Evgenevna, a student of West Kazakhstan state medical University. M. Ospanov (Aktobe);
10. *Observer* -from the Agency – Aymurzieva Aigerim Urinbaevna, project Manager of the Agency (Astana).

According to the results of the evaluation of the EEC in 2014, the following recommendations were given to the University on the cluster EP 5B070200 – "automation and management", 5B070300- "Information systems", 5B0702900 – "Construction»:

1.In order to improve the management of educational programs:

-to conduct a comparative analysis of the compliance of the plans for the development of educational programs with the current development Strategy of the University, and, on the basis of the data obtained, to improve the plans for the development of accredited educational programs.

According to the sections of the development plans of the OP, work was carried out to change and Supplement them in accordance with the current Strategic development plan of the University for 2014-2018, approved on September 25, 2014 by the Protocol No. 1 of the Academic Council of the University.

In connection with the changes and additions to the Strategic development plan of the University, made in accordance with the State program of development of education and science of the Republic of Kazakhstan for 2016-2019 years, and the action plan for the implementation of the State program of development of education and science of Kazakhstan for 2016-2019 years, plans For the development of educational programs "automation and management", "Information systems", "Construction" were considered and discussed at the meeting of the departments.

Based on the Strategic plan of AU after S. Baishev 2017 – 2021 years (№ 7 from 30.03.2017 year) and the development Program of Baishev University for 2019-2023 (№7 from 21.02.2019), developed and approved in 2014-2018, in 2014-2018 (as amended), 2017 – 2021 Plans for the development of educational programs EP 5B070300- "Information systems", 5B070200- "automation and management", 5B072900 - "(№ 8 27.04.2017 g).

After the adoption of the new version of the Strategy in February 2019, development Plans for 2019-2022 were developed and approved at EP 5B070300 – "Information systems", 5B070200– "automation and control", 5B072900– "Construction". Development plans of EP are formed on the basis of the analysis of financial, information, labor, material and technical resources, correspond to the mission of the University and represent the implementation of prospects and the solution of specific tasks within the framework of strategic directions.

- to assess the risks of development of educational programs in full accordance with the strategy of development of AU.S. Baishev and develop a mechanism to reduce them.

In order to assess the risks, adjust the development plan of the EP and monitor the effectiveness of changes in quantitative and qualitative indicators, the working group of the University studied and systematized possible educational risks. The document QMS 207.03 2018 "Regulations on the criteria for assessing the degree of risk of the educational program", the initial version of which was approved at the meeting of the CC (No. 1 of 24.09.2015).

For the purpose of timely identification of risks on educational programs by the order No. 158 of 22.11.2016 planned check of possible threats of functioning of EP is organized. Risk assessment was carried out according to 28 criteria in accordance with the QMS 207.03-2018 "Regulations on the criteria for assessing the degree of risk of the educational program."

The results of the planned inspection are following:

- on the total indicator of EP 5B070200- "automation and control" refers to a group of low risk (79.3 points);

- on the total indicator of EP 5B070300-"Information systems" refers to a group of low risk (81, 7 points);
- according to the total indicator 5B072900- "Construction" refers to a group of low risk (74, 5 points);
- stable function of the estimated indicators EP.

During the reporting period, it was possible to reduce the risks of outflow of qualified teachers due to social and living conditions, due to insufficient wages, etc., to reduce the degree of importance of the risks of failure of potential partner enterprises from cooperation, refusal of teachers-practitioners from cooperation.

The deadline for re – inspection is November 2019

- to strengthen the role of management, staff, employers and students in the development, public discussion and improvement of mechanisms for effective monitoring of the implementation of modular educational programs. To improve the models of graduates of accredited OP taking into account the National qualification framework, national development priorities, the needs of employers and students.

In order to strengthen the role of the leadership, faculty, employers and students in the development, public discussion and development of mechanisms for the effective monitoring of the implementation of modular training programs were held meetings of departments with participation of representatives of the employer for each EP, EP active students, which discussed mechanisms for the implementation of modular educational programs and models of graduates EP (№13 from 20.05.2014 №9 of 04.05.2016 of the Department, minutes No. 10 of 21.05.2014 №9 from 18.05.2016 Department of ISI PM).

By order No. 105-08/13 of the Vice-rector for EMW dated 07.11.16, commissions were established from among the heads of employers ' organizations and third - party universities, where training on similar EP is conducted, to review the EP in accordance with the National qualifications framework and professional standards.

In the model development graduates OP the technical cluster were taken into account the views of potential employers, major regional organisations of the relevant sectors such as: signalling and communication SC-5, PC "Nectar", LLP "Altair" LLP, "pan praks", etc.

In order to improve the EP, the Department and management of the University of Uumoirope monitors the implementation of the development plan of the EP for 2017-2021, developed in accordance with the vision, mission and strategy of the University, taking into account the needs of students and the needs of the society and approved at the meeting of the Academic Council (NO. 8 of 27.04.2017). Reports on the implementation of development plans EP 5B070200- "automation and control", 5B070300-"Information systems", 5B072900-"Construction" discussed at meetings of the relevant departments and approved at meetings of the Academic Council (minutes of the № 4 from 28.12.2015 ; № 4 from 22.12.2016 ;№8 from 19.04.2017 .; № 5 from 22.01.2018 .).

2. In order to ensure the specificity of EP:

-to harmonize the content of educational programs with the educational programs of leading foreign and Kazakh universities on a systematic basis.

To further harmonize the content of EP specialties of the technical cluster with the EP of leading foreign and Kazakh universities, the following activities were carried out.

In the interests of mutually beneficial international cooperation in the field of higher education and expanding the range of educational services of universities in the framework of the Agreement on joint EP of 09.12.15 in the direction of training 09.03.02 Information systems and technologies (RF) and specialty 5B070300 –"Information systems" (RK); Cooperation agreement of October 06, 2011; additional agreement №1 of January 16, 2014 between the FSBEI HPE "Bashkir state pedagogical University. M. Aknulla" (Ufa, Russia) and the

Institution "Aktobe University. S. Baisheva" (Aktobe, Kazakhstan), developed and agreed a joint educational program specialty "Information systems".

Within the framework of the agreement with Varna free University. Chernoritza Khrabraya (26.04.2018 ad) (Varna, Bulgaria) and the Agreement about joint educational program of April 26, 2018 developed a joint educational program EP 5B072900- "Construction»

As part of the cluster's educational programs, agreements on academic mobility with the Humanitarian University of Transport and law were signed. D. A. Kunaev (16.01.2015,), Kazakh University of means of communication (16.01.2015,), ANO IN "Modern technical University" (27.08.2018)

3. In order to develop human resources and ensure the effectiveness of teaching:

- to strengthen the work on the development of academic mobility, professional development of teaching staff, attracting the best foreign and domestic teachers and conducting joint research in the implementation of accredited educational programs.

In order to ensure the effectiveness of teaching staff, serving the educational programs of the cluster, annually takes refresher courses on various topics, both in the field of professional activity within the EP and in the field of methodological support of the teaching process: the Method of projects as a technology of formation of key competences of students, Innovative technologies in the field of multicultural education; Technology of installation and operation of engineering systems of energy-efficient buildings and structures; IT Project Management; BIG DATA; Actual problems of information technology security; Theoretical and legislative basis of inclusive education; the Problem of improving the quality of education: solutions; Ways to create high-quality textbooks in educational institutions and centers of Kazakhstan, near and far abroad. Quantitative indicators are given in table 1.

Table 1. Training of TS in the context of EP cluster

Educational program	Number of staff who have passed refresher courses				
	2015	2016	2017	2018	2019
5B072900- "Construction»	7	9	3	16	1
5B070200 – "automation and management»,	3	3	1	2	5
5B070300- "Information systems»	7	12	10	7	13

4. In order to meet the needs of students:

- at the time of verification, there is no mobility of students on accredited educational programs. Therefore, the Commission recommends to strengthen the work on the implementation of internal and external academic mobility of students.

The University signed cooperation agreements with:

- West Kazakhstan innovation and technology University from 01.09.2015
- Kyzylorda University "the Highway" from the city 01.09.2016
- Humanitarian University of transport and law. D. A. Kunaeva from 16.01.2015
- Kazakhstan University of Railways, Almaty from 16.01.2015
- West Kazakhstan engineering and humanitarian University from 02.09.2014.

Students on EP cluster were trained in the framework of academic mobility: at the Humanitarian University of Transport and law. D. A. Kunaev on the 3rd course of the 2014-2015 school year (6th semester), specialty "automation and control" co - 3 students of day form of education (Iglukov A. A., Ocherednym V. N., Koshkarbay A. B.);

at the Humanitarian University of Transport and law. D. A. Kunaev on training 2nd course of the 2014-2015 school year (4 semester), speciality "automation and control" - 1 student full-time education (Khusanbaev E. O.);

in West Kazakhstan engineering-humanitarian University in the second semester of the 2014-2015 school year 2 students Agataev K., G. Sasiev

In the West Kazakhstan humanitarian and technological University in the second half of 2015-2016 academic year the 2nd year student of the specialty "Construction" of Aktobe University. S. Baisheva Mazhitov Samgat.

West Kazakhstan humanitarian University of technology in the OP "Building" arrived at the training from the second half of 2016 4 semester Zhanbyrshy N. D., Ertley Ie

- it is necessary to provide opportunities for professional certification of students in the process of studying at the University;

The University provides for professional certification of students, their participation in seminars and trainings on certification and special courses. The work plans of the departments of the cluster EP for 2018 -2019 academic year included item 3.2. Organization of professional certification of the student. From March 4 to March 21, 2019 students of EP 5B070300- "Information systems", 5B070200 "automation and control" passed professional certification at the Institute of advanced training and retraining of Baishev University with the issuance of certificates.

In 2015-2016 academic year passed professional certification on specialties 5B070300- "Information systems", 5B070200- "automation and management", 5B072900- "Construction" 7 students; in 2016-2017 academic year– 40, 2017-2018 academic year – 60. The dynamics of professional certification of students (the number of supporting documents: certificates, certificates, etc.) from 2015-2016 to 2018-2019 academic year is positive.

-to strengthen the work to attract students to research.

Quite fruitful work is carried out at the University with students interested in science, research, wishing to continue their studies in graduate school, doctoral studies and connect their lives with scientific and pedagogical activities, includes a wide variety of forms of research.

Students EP cluster EP actively participate in scientific conferences of young scientists and students, regional and national scale, in Regional and National conferences of the Small Academy of Sciences of Kazakhstan, in National and International competitions of diploma projects.

The 3rd degree diploma in 2016 was awarded to the student of EP 5B072900- "Construction" Ashimova B. for participation in the Republican review competition of diploma projects in the nomination "Technology of civil and industrial construction".

The 3rd degree diploma in 2017 was awarded to the student of EP 5B072900-"Construction" Sakenov Aslan for participation in the Republican review competition of diploma projects in the nomination "Technology of civil and industrial construction".

The 1st degree diploma in 2016 was awarded to the student of EP 5B070300 – "Information systems" Kultayeva Gulzat for participation in the II international scientific and practical conference of scientists and students.

The 1st degree diploma in 2018 was awarded to the student of EP 5B070300 – "Information systems" Nurashev Arai for participation in the 44th Republican conference of the Small Academy of Sciences of Kazakhstan.

At the Department of "Information and communication technologies" operates a scientific circle "Zhas programmer". Teachers of the Department together with students of EP "Information systems" engaged in scientific research in the field of "Information resources of corporate networks." At the Department of "Engineering and transport services" for students EP "automation and management" works scientific circle "Zhas technician". At the Department of

"Design and construction" for students of EP "Construction"– scientific circle "Zhas technic", which are engaged in research on the relevant EP. Stand "Electrical work".

- to provide for the possibility of continuing education on educational programs of magistracy and additional education.

Preparation to licensing of educational programs of the cluster on specialties of the magistracy was carried out: all necessary documents are developed and submitted for licensing.

5. To develop the resources available to educational programs:

- it is necessary to improve the program of development of educational and scientific laboratories and create conditions for the development of research teams, involving students in research activities.

To implement the recommendations on improving the programs of development of educational laboratories of the University in the long-term plans for the development of laboratories were made activities:

1. improving the material and technical base for laboratory work in the relevant disciplines;
2. introduction of new innovative technologies and teaching methods;
3. development of a system of tests for the current, midterm and final control of students' knowledge, etc.

Developed future plans for the development of educational laboratories for 2016-2019. was improved in connection with changes and additions.

Students of EP "Information systems" together with teachers of the Department Are engaged in scientific research in the field of "Information resources of corporate networks": through participation in the scientific circle "Zhas programmer", in regional and international scientific conferences.

Students of the EP "automation and control", "Construction" together with teachers of the Department engaged in scientific research in the field of "Automation and telemechanics"; actively participate in the scientific circle "Zhas technic", in regional and international scientific conferences.

For educational programs "civil engineering" and "automation and management»: in order to familiarize students of the technical cluster with the professional environment and relevant issues in the field of specialization, as well as to acquire skills, the following events are held for students: participation in seminars with employers, excursions to enterprises of the profile direction (Aktobe branch of the road, PC "Nectar", LLP RI Technopark "Aktobe", the Distance of signaling and communication (SHCH-5), AF RSE "KazInMetr"). There are also conferences, round tables, forums and meetings with employers, etc. on topical issues in the field of construction, automation and management.

The Department, together with companies hold the individual practical and laboratory researches at the enterprises under EP "Construction": PC "Nectar", LLP RI Technopark "Aktobe" laboratory "Testing of Construction materials and structures", LLP "Activestockchart", LLP UNIVER; under OP "automation and control": signalling and communication (CHC-5) AF, RSE "KazInMetr".

Overall, EEC notes that all recommendations have been implemented institution fully

(V) A DESCRIPTION OF THE VISIT OF THE EEC

The visit of the external expert Committee Baishev University was organized in accordance with the program agreed in advance with the Chairman of the EEC in the period from 17.04.2009 to 19.04.2009.

In order to coordinate the work of the EEC on 16.04.2019, 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 evaluation of the University members of the EEC used such methods as visual inspection, observation, interviewing employees of various departments, teachers, students, graduates and employers, questioning of the teaching staff, students.

Meetings of the EEC with the target groups were held in accordance with the updated program of the visit, in compliance with the established time period. On the part of the staff of Baishev University was provided the presence of all persons specified in the program of the visit.

**Information about employees and students,
who took part in meetings with the EEC of IAAR**

Category of participants	Number
University President	1
Rector	1
Pro-rector's	4
Heads of structural units	17
Deans of schools	2
Head of department	4
Teachers	27
Students	32
Graduates	10
Employers	5
Total	103

The experts conducted a visual inspection of the facilities under the accredited EP. They visited educational laboratories of "Information and communication technologies", "Automated control systems", "Automated control systems in transport", "Elements and devices of automation", laboratory of physics, electrical engineering and electronics, "geotechnics and building materials", research laboratory "Utilization of technogenic waste" and Technopark "ZEREK".

During the visit, the experts of the EEC visited the following training in accredited educational programs:

1. Discipline "Metrology and measurement", Ph. D., senior lecturer bisembaev T. B. gave a lecture on the topic "Lsam Aldrin calistirip texere.LSEM aldrine sendn Baalu". Specialty "automation and control", 2nd year, group AIU-201, 202. The lesson was attended by 21 students.

2. Discipline "Physics-2", senior lecturer Sundetova A. R. conducted a practical session on "Condenserlengen kui" in the group of AIU-102, attended by 11 students. In the practical lesson we used the method of support schemes, the method of work in small groups. During the lesson, students showed very high activity.

3. Discipline "Circuitry", senior lecturer Austrianova B. I. conducted a laboratory lesson on the theme "Arithmetically syndicate, Pavlodar" in the group of IC-201 and was attended by 7 students. Laboratory work was performed on the virtual program Electronics Workbench, where all the work performed was observed on the screen, students created models of combinational schemes of research by graphic Assembly of the single-digit connector.

4. Discipline "Metrology, standardization and certification" Makhambetova U. UK. she conducted a practical lesson on "Units of measurement of physical disciplines", in the group

Kurylys-201 in the second language of study, there were 7 students. During the practical session, the measuring instruments and their measurement capabilities were demonstrated.

The experts of the EEC visited the following base practices of the educational programs of the cluster:

- EP 5B070300–"Information systems" - Aktobe branch of "TransTeleCom", Aktobe, Moldagulova str., 49.
- EP 5B070200–"automation and control" - "Aktobe distance alarm and communication (SHCH-5), Aktobe, Lomonosov str., 9. The branch of JSC "NC KTZ ", Aktobe branch of the SE" - station of Aktobe", Aktobe city, Privokzalnaya street, 22.
- EP 5B0729-Construction – too RI "of Tehnoproekt", Aktobe city, St Sankibai Batyr, 1.

During the visit, the experts got acquainted with the material and technical bases of these enterprises, where some practical and laboratory classes, technological, industrial and pre-diploma practices of students of EP are held. In particular, according to the EP "Construction" laboratory classes are held in an accredited testing center on the basis of LLP "Regional industrial Technopark "Aktobe".

In order to confirm the information presented in the self-assessment Report, external experts requested and analyzed the normative and working documentation of the University. Along with this, the experts studied the Internet positioning of the University through the official website <http://www.vuzbaishev.kz/>

As part of the planned program, recommendations for improving the activities of the University, developed by the EEC based on the results of the examination, were presented at a meeting with the leadership on April 19, 2019.

(VI) THE STANDARDS OF SPECIALIZED ACCREDITATION

6.1 STANDARD "MANAGEMENT OF EDUCATIONAL PROGRAM»

- The University must have a published quality assurance policy.
- Quality policy should reflect the link between research, teaching and learning.
- The University should demonstrate the development of a culture of quality assurance, including in the context of EP.
- Commitment to quality assurance should apply to all activities carried out by contractors and partners (outsourcing), including joint/double-degree education and academic mobility.
- The management of the OP ensures transparency of the development plan of the EP 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.
- Guide EP demonstrates the functioning of the
- formation and regular revision of the development plan of the EP and monitoring its implementation, evaluation of the achievement of learning objectives, compliance with the needs of students, employers and society, decision-making aimed at continuous improvement of the EP.
- The management of the EP should involve representatives of stakeholder groups, including employers, trainees and TS, in the development of the EP.
- The leadership of the EP should demonstrate the individuality and uniqueness of the development plan of the EP, its consistency with national development priorities and the development strategy of the organization of education.
- The University should demonstrate a clear definition of those responsible for business processes in the framework of the EP, a clear distribution of duties of staff, the division of functions of collegial bodies.
- The management of the EP must provide evidence of transparency in the management of the educational program.
- The management of the EP should demonstrate the successful functioning of the internal quality assurance system of the EP, including its design, management and monitoring, their improvement, fact-based decision-making.
- Guide EP should manage risks.
- The management of the EP should ensure the participation of representatives of interested persons (employers, teachers, students) in the collegial management bodies of the educational program, as well as their representativeness in decision-making on the management of the educational program.
- must demonstrate innovation management within the EP, including analysis and implementation of innovative proposals.
- The EP management should demonstrate evidence of openness and accessibility to learners, faculty, employers and other stakeholders.
- Guide EP should pass the training management education.
- The management of the EP should strive to ensure that the progress made since the last external quality assurance procedure is taken into account in preparing for the next procedure.

The evidence part

The University manages educational programs as processes, formalizing existing procedures within the internal quality assurance system, which includes quality assurance Policies and process descriptions in a series of internal University documents. The quality policy has been published and is available to interested parties. In Baishev University for the period of 2018/2019 academic year, the quality policy has been revised twice in connection with the introduction of SES appropriate levels of education, approved by the Order of the Minister of education and science of the Republic of Kazakhstan dated October 31, 2018 № 604 and re-funding.(Protocol US 2 from 14.09.2018 , №7 from 21.02.2019).

Internal documents of the University are issued within the framework of the quality management system developed on the basis of ISO 9001. 20 documented procedures on the main components of the educational process have been developed.

As part of the implementation of changes in the NPA in Kazakhstan, the University has developed and approved a Roadmap for the phased introduction of new legislation in the

educational activities of the University, containing activities and responsible for their implementation. The document provided for the updating of a series of internal regulations. The University has successfully re-issued a license for activities and is developing the OP for the new academic year in accordance with the new requirements.

The strategy of the University for the period 2017-2021 is aimed at achieving the goals and objectives of the national education system on the basis of spiritual and moral values and National Patriotic idea "Mangilik El", determines the development of educational programs at the University level through: providing quality educational services and training of competitive personnel; creating conditions for the participation of young people in the socio-economic reforms of the country; development of scientific and innovative activities; modernization of the content of educational programs of the University in the context of global trends; improvement of management and monitoring of the University; development of infrastructure and information resource of the University.

In February 2019, the University approved (Protocol No. 7 of February 25, 2019) the development Program, developed in full accordance with the requirements for the structure of this document, defined by the MES. The development program was previously presented at the meeting of the Supervisory Board on December 24, 2018.

All priority directions of the strategic plan of development of EP are reflected in individual plans of TS which are approved at meetings of departments.

Paper and electronic versions of software, planning and internal regulations are available at the departments, are available for staff, employees and students, as well as employers and other interested parties. Copies of documents are recorded in the registration journal.

At the University level, collegial bodies considering the development of educational programs are the Supervisory Board, the Academic Council of the University, the Educational and methodical Council, meetings of departments. Also, plans for the development of OP are coordinated with employers in the areas of training of students: within the framework of ongoing educational programs.

The structure of the development plan of EP contains: analysis of the current state (information about the contingent of students at the levels of training, analysis of human resources, material and technical base, the state of research, the results of SWOT analysis); the main goals, objectives of the development of EP, targets.

The current plans for the development of educational programs are coordinated with the mission and development Program of the University. The individuality and uniqueness of accredited educational programs is in their orientation to the labor market of the region, the availability of elective courses that complement the basic disciplines introduced by the order of employers in the region. At the end of each academic year, the Department, taking into account the needs, make an application for the necessary information and other material resources, update the program of development of laboratories. The administration assigns the required number of classrooms and laboratories to the EP.

The focus of the EP on the development of professional skills is implemented through continuous monitoring of the quality of teaching of updated disciplines and compliance of learning outcomes with the requirements stated in the graduate models.

Students accredited EP participate in the management of educational programs, discuss at meetings of collegial bodies.

The University conducted an analysis of EP to adjust their content and verify compliance with the level of training requirements of the labor market. Reports on the implementation of development plans are included in the annual reports of the departments, are considered at meetings 2 times a year, as well as the results of monitoring the development plans of the EP are considered at meetings of the Academic Council of the University. The results of the evaluation of the effectiveness of the implementation of the stages of development of OP are used to adjust and further develop these EP. Currently, clarification of educational programs and trajectories is being carried out. The individuality of the plans for the development of educational programs is

determined by taking into account the needs of the region and the possibility of building individual educational trajectory through the choice of disciplines, taking into account personal preferences and needs of the labor market in the region. As part of the expansion of academic mobility at the time of the visit to the University is developing a series of documents for inclusion in the database of the Center of the Bologna process and academic mobility.

Monitoring of the implementation of the development plan of EP holds Humorap under the leadership of Vice-rector for usx. The results of the analysis of monitoring and proposals of employers and students are used to develop proposals for the further development of the EP. Representatives of the University take an active part in the work of collegial bodies regulating the management of educational programs at the national level, they include participation in meetings of the Educational Association of the Republican educational Council of the Ministry of education and national scientific and technical councils.

Members of the DEMSDEP

1. **Kussanova Bibigul Khakimovna** - a member of the Association of DEMSDEP in the direction of training of higher and postgraduate education of Foreign languages (for all EP)

2. **Abdullayev Khamid Tleubaevich** - member of Association of DEMSDEP in the direction of training of higher and postgraduate education "Construction" (international educational Corporation (KazGASA)). (EP "Construction»)

3. **Berkelev Assel Salimjanovna** - member of Association of DEMSDEP in the direction of training of higher and postgraduate education "Organization of transportations, movements and transport operation" (KazATK. M. Tynyshpaeva). (EP "Avtom. and district councils»)

Members of NNS:

1. **Aitova Nurlyhan Nurullaevna** – member of the National scientific Council on the direction of the "Scientific basis "Mangilik YEL (the education of the XXI century fundamental and applied studies in the Humanities)". (for all EP)

2. **Kayrakbaev Ayat Krimovich** – member of the National scientific Council on the direction "management of natural resources, including water resources, Geology, processing, new materials and technologies, safer products and structures". (EP "Information systems" op "Auto. and district councils»)

3. **Abdikalikov Kuantay Amirgalievich** – member of the National scientific Council in the direction of "Information, telecommunications and space technologies, research in the field of natural Sciences." (EP "Information systems»)

The process of educational activities is managed by the Vice-rector for educational and methodical work in cooperation with the first Vice-rector and Vice-rectors for activities that provide the educational process with the necessary human, material and other resources. The Vice-rector on educational and methodical work carries out planning and control of performance of works on management of processes of educational activity within EP. Responsible for the implementation of EP are heads of departments and deans. The management of the EP passed training courses on management of educational programs conducted by the MES.

Analytical part

EEC IAAR, having held meetings, conversations and interviews with the rector, Vice-rectors, heads of structural units, deans of higher schools, heads of departments, students, teaching staff, representatives of employers' organizations and graduates, as well as carrying out a survey of the teaching staff and students, detailed acquaintance with the educational infrastructure of the University, material and information and methodological resources and necessary documents, notes the following.

Transparency and collegiality of the processes of formation of the development plan of the EP is confirmed by the participation of interested parties. This is evidenced by the activities of

the Academic Council, rector's office, educational and methodical Council, providing management of the main processes of the University. The development plans of accredited EP are coordinated with the development Strategy of the University.

EEC confirms that the University has a published quality assurance policy that reflects the relationship between research, teaching and learning.

EEC notes that the strategic documents of the University (Strategy and development Program) consistently reflect the management of educational programs.

The EEC notes the active participation of representatives of the University, including heads of educational programs in the work of collegial bodies coordinating the management of EP and research at the national level.

The EEC confirms that the participation of representatives of interested persons in the composition of collegial bodies is ensured in the management of educational programs; their representativeness in decision - making on the management of EP is ensured. The openness and availability of the main documents of the EP for all interested parties allows to make timely corrective decisions aimed at improving the educational process.

EEC during visual inspection and analysis of documents was convinced that was appointed responsible for the business processes in which regulated the implementation of the EP, distributed duties and responsibilities of personnel delineated the functions of the collegial bodies. Rector, Vice-rectors, heads of departments, deans of the University were trained in the program of education management.

The University demonstrates the development of a culture of quality assurance in the context of EP. The modernization of the previously established quality management system in the framework of ISO 9001, now it takes into account the requirements of the internal quality assurance system in the context of accreditation standards. The management of the EP ensures the participation of representatives of employers in the management and development of the educational program, which is revealed as a result of interviews with teachers and employers.

EEC notes the need to analyze the functions and responsibilities of University staff involved in the management of educational programs (Vice-rectors, deans, heads of departments, heads of departments), in order to optimize their number and redistribution of functions.

The EEC notes the existence of evidence to support risk management. The submitted documents (minutes of meetings of departments, academic Council of the University, reports, plans and references) confirm the planned types of risk management. In order to assess the risks, adjust the development plan of the EP and monitor the effectiveness of changes in quantitative and qualitative indicators, the working group of the University studied and systematized possible educational risks. In 2018, the document of the QMS TS 207.03 2018 "Regulation on risk assessment criteria for the functioning of the educational program" was updated, the initial version of which was developed as part of the implementation of the recommendations received during the previous accreditation.

Analysis of the reconstructed website of the University showed that data on educational programs are available on the website in the public domain, available to all stakeholders. Restructuring of the site involves a number of works to Supplement the information.

The content of educational programs reflects the needs of the region and corresponds to the development strategy of the educational organization. EEC emphasizes the need, in connection with the expansion of academic independence, renewal of individuality and uniqueness of educational programs.

At the same time, the members of the EEC note that the opportunities for internal internationalization and the practice of creating joint programs that would contribute to the development of a culture of quality are not sufficiently used.

However, the analysis of the studied documents, as well as the results of interviews with students, faculty, graduates and employers led to the conclusion that in the management of educational programs at all stages it is necessary to involve students.

The management of the EP did not systematize the process of monitoring the implementation of innovations in the EP.

According to the results of the survey TS highly noted the level of management of the educational program and the possibility of innovation ("good" – 40.9%, "excellent" - 59.5%).

Strengths/best practice on EP:

1. The University demonstrates the development of a culture of quality assurance, including in the context of EP.
2. There is a continuity of strategic documents.
3. The management of the EP involves employers in the formation of the development plan of the EP.
4. The University development program is developed in accordance with the new requirements of the MES.
5. The evidence of openness and accessibility of the manual for students, teachers and employers is demonstrated.
6. Participation of the management and staff of the University in the collegial bodies regulating research and organization of the educational process at the country level.
7. The management of the University and educational programs on a regular basis are trained in educational management programs.

The recommendations of the EEC for EP:

- to clarify the uniqueness and individuality of the accredited educational programs within the framework of the formalization of learning outcomes when entering into the list of educational programs Of the center of the Bologna process and academic mobility;
- to continue the practice of advanced training in educational management programs to the University management and heads of accredited educational programs;
- formalize the process of innovation and monitoring their implementation within the EP and at the University level.

Conclusions of the EEC on the criteria: According to the Standard "Management of the educational program" accredited educational programs have 7 strong and 10 satisfactory positions.

6.2 THE STANDARD "INFORMATION MANAGEMENT AND REPORTING»

- The University should ensure the functioning of the system of collection, analysis and management of information through the use of modern information and communication technologies and software.
- EP leadership must demonstrate the system using the processed, adequate information for improving the internal quality assurance system.
- There should be a system of regular reporting within the EP, reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of departments and research activities.
- The University should establish the frequency, forms and methods of evaluation of management of EP, the activities of collegial bodies and structural units, senior management, implementation of research projects.
- The University must demonstrate the definition of the order and ensure the protection of information, including the identification of responsible persons for the accuracy and timeliness of information analysis and provision of data.
- An important factor is the involvement of students, employees and teaching staff in the collection and analysis of information, as well as decision-making based on them.
- EP leadership must demonstrate a mechanism of communication with students, employees and other stakeholders
- persons, including the existence of conflict resolution mechanisms.
- The University shall be provided to measure the degree of satisfaction of needs of faculty, staff and

- students within the framework of EP and demonstrate evidence of elimination of the found shortcomings.
- The University should evaluate the effectiveness and efficiency of activities, including in the context of EP.
 - Information collected and analysed by the University in the framework of the EP should consider:
 - key performance indicators;
 - dynamics of the contingent of students in the context of forms and types;
 - the level of academic progress, student achievements and contributions;
 - satisfaction of students with the implementation of EP and the quality of education at the University;
 - availability of educational resources and support systems for students;
 - employment and career growth of graduates.
 - Students, employees and teaching staff must document their consent to the processing of personal data.
 - The guidebook of the EP should facilitate the provision of all necessary information in the relevant fields of science.

The evidence part

Baishev University has both traditional processes of information management and transmission, as well as using software products and information systems. Information management at the University is characterized by the presence of stable information flows: direct - from management to performers and stakeholders, and Vice versa - from stakeholders, including students and teachers, to management. In addition, visual forms (stands, exhibitions, presentations, newsletters) are used to inform interested parties. Collection, analysis and reporting of information on the activities of the University stakeholders organized within the processes built into the QMS of the University. Feedback is carried out by means of electronic document circulation, regular questionnaires, personal queries, statements, memos, blog of the rector.

University management and educational programs carry out an interactive dialogue with students, both through meetings with students and through electronic communication. University management regularly conducts oral interviews to find out the views of students.

The processes of documentation management of the University are set out in the following standards of the organization: "General requirements for the construction, presentation and documentation of the quality management system"; "Rules for registration of organizational and administrative documentation"; "records Management and archives"; QMS DP "document Management".

Planning and reporting are defined in methodical instructions "Planning, monitoring and reporting educational activities."

At the University, information on its activities, including the results of its analysis, is reflected in the quarterly, semi-annual and annual reports of structural units, reports on activities (educational and methodological, research, educational, financial, administrative and economic, reports on international activities and academic mobility, etc.). Individual reports of TS are the basis for the formation of departmental reports. Reports are considered at the meetings of collegial management bodies of the University – meetings of the Department, higher schools, educational and methodical Council, scientific and technical Council, academic Council, rector's office, and management decisions are made. The annual report on the work of the University is formed by the Vice-rectors in the areas of activity under the guidance of the rector and is presented by the rector at the meeting of the academic Council in June each year. This report-analysis is brought to the attention of all higher schools, departments, structural units and is the basis for the adoption of corrective and preventive decisions, which are included in the form of certain activities in the work plan for the new school year.

The Commission particularly notes the existence of such a tool for obtaining information as an internal audit of educational activities. During the audits of the University units, auditors collect objective evidence of compliance and non-compliance through observation, review of

documentation and records of the QMS, as well as interviewing the staff of the audited units. The results of the audit are presented to the staff and heads of departments in the form of copies of reports and acts of non-compliance. The audit of the conduct of business, internal and external documents of departments. The causes of nonconformities are determined, recommendations for improving the QMS are given, corrective actions to eliminate the causes of nonconformities are determined. According to the results of internal audits, the quality of educational activities of the University is analyzed. The input data for the procedure are: the annual schedule of internal audit of the QMS; instructions of senior management; the internal audit program. The annual plan of internal audits of the QMS is developed by Osric and put into effect by order of the President.

The results of the internal audit are reviewed by the Academic Council. The results of the analysis of internal audits are input data for analysis by the senior management of the QMS in order to ensure its continued suitability, adequacy and effectiveness.

The AC meeting is held 1 time per month. The composition of the members of the University Council is updated and re-approved by the decision of the AC annually. It consists of (27 members): rector, Vice-rectors, deans of higher schools, heads of departments, leading professors, Chairman of the student Council and the employer.

The sources of information for the analysis are: information from consumers (including complaints, feedback, survey results); records of identified inconsistencies and their causes; results of monitoring and measurement of products and processes; results of self-monitoring; results of incoming control, reports on internal and external audits; input and output data of the analysis by management; results of the analysis of the effectiveness of corrective actions taken. Using such methods of analysis, as a comparison, a written survey, a method of statistical research etc. For example, a survey of students' satisfaction with professional practice revealed the external risk of the lack of legal responsibility of legal entities to promote employment and provide a database of practices; statistical studies have led to the definition of internal risk of increasing the proportion of teachers with academic degrees and titles of pre-retirement and retirement age.

The University operates a system of information and feedback, which includes: the website of the University <http://www.vuzbaishev.kz> electronic library <http://kabis.ausb.kz/> student forum <http://forum.vuzbaishev.kz/> educational portal and the portal e-learning <http://platon.ausb.kz/>, electronic document management system <http://sed.ausb.kz/>, system of internal email <http://mail.ausb.kz/>. In the framework of the order of MES RK № 219 from 05.06.2013 "On the implementation of the information system in higher educational institutions of Kazakhstan" University interacts with the HEPD MES in automated mode using information system.

The University operates in the format of electronic document management using the system "Detrix" in accordance with the Decree of the Government of the Republic of Kazakhstan dated 17.04.2004 №430 "On approval of the Rules of electronic document management" (as amended from 26.01.2011 № 35). This system allows you to solve tasks on automation of project management, including work with documents (orders, plans, orders, statements, etc.), control the performance discipline, archive all documentation, organize working time and improve its efficiency. Operative familiarize the performers with the information in the University is done electronically through direct mailing in the system in the local network.

AIS "Platonus" provides electronic document management on the educational process. The system provides: management of the academic calendar, the formation of individual plans and academic groups, management of virtual classrooms, the formation of applications to the diploma, maintaining the processes of assessment of students' knowledge within the rating system, taking exams by computer testing, filling the rating journal, control of students' knowledge and filling the electronic journal teachers. It collects and analyzes information about the dynamics of the contingent of students in the context of forms and types, as well as information about the employment of students.

Information on the dynamics of key indicators of efficiency and effectiveness of the EP is collected in accordance with the procedures described in the QMS documents of the

"Regulations on monitoring the quality of education at Aktobe University. S. Baisheva", QMS PP "On the criteria for assessing the degree of risk of the educational program."

To assess the performance of the EP, structural units and individual processes identified the main indicators of business processes and developed a system of measurement, control and analysis of the degree of achievement of goals and continuous improvement, including: measuring the satisfaction of internal and external consumers – students, employers, staff, society; monitoring the quality of the main processes of the University with the establishment of specific measured characteristics, zones and their permissible and target values; assessment of the quality of knowledge, skills and abilities of students. All students annually participate in the survey on satisfaction with the quality of educational services, professional practice. The results of the survey are presented to members of the administration and persons responsible for the implementation of certain activities.

Students have the opportunity to address all questions to the leadership orally and in writing or through the rector's Blog. In addition, the University has a Disciplinary Council, whose functions include the consideration of conflicts in academic policy (activities regulated by the standard of the organization).

Analytical part

Analyzing compliance with the requirements of the standard "information Management and reporting" for accredited cluster EP, the Commission notes that the University has a multi-level system of information management and reporting. Particular attention is paid to internal audit and systematic review of the effectiveness of decisions and monitoring of activities of departments and programs at meetings of the Academic Council. Information management includes the management of traditional flows and digital information flows.

EEC notes that the information collected in the framework of the University's activities, including through statistical processing of information, reporting and results of internal audits, allows to form analytical reports and make decisions on the basis of facts.

EEC notes that the University on a systematic basis conducted an internal assessment of the quality of management of EP. This process is formalized. The analysis of the readiness of the Department for the academic year: the availability of methodological support of EP (EMCD, MEP, Cur, EDC), material support of the educational process on EP, the readiness of the Department to assess the learning outcomes. Each semester is evaluated the implementation of individual plans by teachers. Data are integrated and summarized at the University level.

At the same time, EEC notes the absence of a single corporate mail, which makes it difficult to communicate effectively with students. TS does not use corporate addresses, which makes it difficult to identify staff and faculty of the University as its employees.

The survey of students conducted during the visit of EEC IAAR showed that satisfaction:

the usefulness of the web site organizations are fully satisfied with 84,8%, to 15.2% in part.

- fully satisfied with informing the requirements in order to successfully complete this specialty -84.8 % , 13% - partially;

- informing students about courses, educational programs and academic degrees fully satisfied – 80.4% , 17.4% partially.

Strengths/best practices

- Implementation of an integrated approach to information management.
- Electronic document flow.
- Methodological support and development of all necessary guidance materials.
- Ongoing internal audit.
- Continuous monitoring and analysis of various processes with established frequency and coverage of the main activities.

- Availability of feedback and corrective actions in all areas in the information system of the University.
- Ability to access students and teachers to information resources in the AIS "Platonus".

The recommendations of the EEC:

- basicity use in professional and educational purposes by workers and students of the University a single corporate email to personal addresses;
- to provide full informing of the graduates about employment opportunities;
- to analyze the activity of employment processes in order to improve information support for the organization of practice and employment of students.

Conclusions of the EEC on the criteria: According to the standard "information Management and reporting" accredited educational programs have 7 strong, 9 satisfactory positions and 1 suggesting improvement.

6.3.STANDARD "DEVELOPMENT AND APPROVAL OF EDUCATIONAL PROGRAMS»

- The University should define and document the procedures for the development of EP and their approval at the institutional level.
- The EP manual should ensure designed EP objectives, including expected learning outcomes.
- Guide EP must ensure that it has developed models of graduate EP opisyvayutsya training and personal qualities.
- OP leadership must demonstrate the conduct of external examinations EP.
- Qualification obtained on completion of EP, should be clearly defined, explained to certain level of NSC.
- Guide EP should determine the influence of the disciplines and professional practices area learning outcomes.
- Important factor is the ability of students to professionals service.
- The management of the EP should provide evidence of the participation of students, faculty and other stakeholders in the development of EP, ensuring their quality.
- The labor intensity of the EP should be clearly defined in Kazakhstan loans and ECTS.
- The management of the EP should ensure the content of academic disciplines and learning outcomes (bachelor, master, doctoral).
- In the structure of EP should provide various activities to training.
- An important factor is the presence of joint EP with foreign organizations

The evidence part

Baishev University provides training with higher and postgraduate education in the areas of training, which are a priority for the industrial and social spheres of the Western region of Kazakhstan.

The activity of Baishev University is aimed at constant study of the needs of the regional market and providing consumers with highly qualified personnel with innovative and creative type of thinking and acquired in the process of learning knowledge, skills and abilities in professional activities.

Development and approval of the EP is carried out in accordance with the QMS 1.05-2018 Academic policy and QMS 206.06-2019 Regulations on the development and implementation of educational programs of higher and postgraduate education.

In the development of EP, implemented by the University, the principle of academic freedom of the University.

EP cluster developed in accordance with the SES of higher education, approved by the Government of Kazakhstan dated August 23, 2012 №1080 (as amended on may 13, 2016 №292), with the SES of higher education, approved by the Ministry of education of Kazakhstan dated October 31, 2018 № 604, in accordance with the National qualifications framework,

Industry qualifications framework, professional standards, the General needs of society, agreed with the Dublin descriptors and the European qualifications framework. EP of this cluster correspond to the mission of the University that meets the needs of employers

The participation of employers in the design of the EP is carried out on the basis of concluded agreements on cooperation with enterprises and organizations. Interaction with employers in the format of partnerships is implemented in the following forms: the provision of bases for practice; involvement of practitioners in the management of theses and conducting classes in the branch; participation in conferences organized by the University; participation of employers in surveys.

The formation of key, subject and special competencies of students is based on the content, volume and logic of building IOT.

Accredited educational programs are provided by the presence of developed models of graduates of EP, the content of which should contribute to the formation of professional competence of students.

The formation of individual educational trajectories of the student is carried out with the help of an adviser for each academic year on the basis of SES RK, Tupov, EDC; after recording on elective subjects, students are drawn up by IAPS, which is approved by the deans of higher schools.

In accordance with the students are the different types of professional practice (educational; industrial; pre-diploma).

In the distribution of students in places of practice are taken into account IOT, ie specialization in which students are trained.

To ensure appropriate training of specialists competitive in the world market, the University is improving the EP through the mechanism of internal and external evaluation of the quality of the EP.

The structure of the experts performing assessment of EP is approved by the order of the rector. Internal expertise is carried out by attracting experienced teachers and heads of departments.

The external examination procedure involves invited experts, employers, if they have the appropriate qualifications.

Evaluation of the quality of EP is based on the analysis of curricula, EDC, internal regulations governing the implementation of EP, individual curricula of students, the results of a survey of students and employers.

The implementation of each EP is determined by its objectives and the development plan, which provides for a gradual increase in indicators.

To form the development plan of the EP, representatives of stakeholder groups are involved: TS, students, employers who have the opportunity to influence the content of the development plan of the EP. Development plans of the EP are discussed in academic groups and at meetings of the Department, faculty Council, employers Council, University EMB, the results of which are made as proposals, amendments and changes.

Analytical part

Analysis of accredited EP for compliance with the criteria of the standard "Development and approval of the educational program" shows that the content of educational programs, the sequence of their implementation, the depth of development for all EP training require improvement in accordance with regulations and labor market demands.

In the interests of mutually beneficial international cooperation in the field of higher education and expanding the range of educational services of universities, an Agreement was signed on a joint educational program on EP 5B070300- "Information systems" with the FSBEI HE "Bashkir state pedagogical University. M. Akmulla (Ufa, Republic of Bashkortostan, Russia), on EP "5B070200 – automation and control" signed an Agreement on a joint educational program with "Modern technical University", and on EP 5B072900- "Construction" signed an agreement with Varna free University. Chernoritzza Khrabraya (Varna, Bulgaria).

However, joint training in bachelor's degree is not yet carried out.

TS survey conducted during the visit of EEC IAAR demonstrated the following assessment of the attention of the University management to the content of the EP: "very good" - 56.8%, "good" - 40.9%, "relatively bad" - 2.3%. At the same time, the content of EP "very good" meets the needs of TS - 40.9% , "good" - 56.8 "relatively bad" - 2.3%

The survey of students showed that the level of responsiveness to feedback from teachers regarding the educational process is fully satisfied - 82.6%; partially - 15.2%; partially dissatisfied -2.2%. 82.6% are fully satisfied with the quality of teaching, 15.2% are partially dissatisfied with -2.2%.

Strengths/best practices

- EP development procedures are documented and approved at the institutional level;
- all interested persons (students, employers, TS) take part in the formation of EP);
- the complexity of EP are clearly defined in the Kazakhstan credits and ECTS;
- annual external examinations of educational programs of the cluster.


Recommendations EEC:

-To revise the format of providing information used in the design of the EP, in particular, to provide a greater visualization of the complexity of individual educational programs, and their contribution to the formation of learning outcomes.

-To perform and to realize the possibilities of internationalization of the domestic EP.

Conclusions of the EEC on the standard "Development and approval of educational programs": accredited educational programs have 4 - strong, 8 - satisfactory positions.

6.4.STANDARD "CONTINUOUS MONITORING AND PERIODIC EVALUATION OF EDUCATIONAL PROGRAMS»

- 
- The University should monitor and periodically evaluate the EP in order to achieve the goal and meet the needs of students and society. The results of these processes are aimed at continuous improvement of the EP.
 - Monitoring and periodic evaluation of the EP should consider:
 - Content of programs in the light of the latest achievements of science in a particular discipline to ensure the relevance of the taught discipline;
 - Changing the needs of society and the professional environment;
 - Load, performance and output of students;
 - The efficiency of procedures of assessment of students;
 - Students ' expectations, needs and satisfaction;
 - Educational environment and support services, and their compliance with the objectives of the EP.
 - University and leadership EP needs to provide evidence for the involvement of students, rabotodatelei other stakeholders in the revision of the EP.
 - All stakeholders should be informed of any planned or accepted actions regarding the EP. All changes made to the EP must be published.
 - Guide EP should provide for the revision of the content and structure of EP taking into account labour requirements of employers and social demands of society.

The evidence part

The self-assessment report of the University provides the necessary information on the ongoing monitoring and periodic evaluation of educational programs of the accredited cluster.

All recommendations for the improvement EP the previous accreditation performed and presented in the report according to the standards respectively.

Monitoring of the development plan of the EP is carried out according to the approved schedule of monitoring the quality of education.

Within the framework of the system of monitoring studies by higher schools on a planned basis, the satisfaction of students with the implementation of the educational program and the quality of education at the University is monitored; monitoring of professional development and employment of University graduates.

To determine the satisfaction with the quality of educational services of students EP, their satisfaction with the passage of professional practices, as well as to determine the opinion of teachers and employers about the effectiveness of the implementation of the EP conducted a survey for the relevant groups of respondents.

Thus, the representativeness of all stakeholders is carried out by analyzing the results of the survey, monitoring the interaction with all participants in the implementation of the EP, participation in the revision and evaluation of the EP.

Table 1. Analysis of the results of the survey of students' satisfaction with professional practice

Code and name of EP	Total students/ respondents, persons			The percentage of satisfaction with the results of the practice, %
	2016-2017 academic year	2017-2018 academic year	2018-2019 academic year	
5B070200-Automation and Management	209/10	244/22	298/30	90
5B070300-Information systems	77/10	59/13	72/10	100
5B072900-Construction	93/13	111/12	143/10	100

All stakeholders have the opportunity to influence the content of the EP through participation in decision-making; development of new, author courses; taking into account the proposals of experts and chairmen of the SAC, reviews of enterprises-bases of practice; participation of potential employers in the discussion of the EP, management practices and reviewing diploma projects, works.

External evaluation of the EP is presented by the following procedures: EEEA ; specialized (program) accreditation; questionnaire of interested persons; rating of specialties and the University as a whole.

The results of monitoring of educational achievements of students are presented in table 2

Table 2. The results of EEEA full-time students for three academic years

Name of EP	2015-2016		2016-2017		2017-2018	
	Average score, %					
	Kazakh branch	Russian branch	Kazakh branch	Russian branch	Kazakh branch	Russian branch
5B070200-Automation and Management	41	52,3	53,2	-	73,41	55,28
5B070300-Information systems	64,3		65,2	-	79,6	-
5B072900-Construction	55,1	47	75,8	51,6	83,9	-

The staff of the EP works in close cooperation with all stakeholders, taking into account the interests and needs of not only students and their parents, employers, contingent suppliers (schools, colleges, etc.), University staff (faculty, staff), but also the quality management bodies of education, society, public organizations, etc.

Analytical part

EEC confirms that the management of the University has demonstrated its openness and accessibility to students, faculty, employers. The self-assessment report provides information on the forms of stakeholder participation in the monitoring of the EP.

According to the results of interviewing, reviewing various documentation, material and technical base and methodological resources of the University and departments, surveys of students and faculty, the EEC IAAR notes the following:

Strengths/best practices


- Demonstrated supporting documents on the participation of students, employers and other stakeholders in the revision of the EP (expert opinions, reviews of the EP and EDC, letters of offer from employers on the introduction of disciplines in the EP and the creation of learning paths, minutes of meetings of the Department);
- annual review of the content and structure of the cluster EP taking into account changes in the labor market, requirements of employers and social demands of the company is carried out
- monitoring processes of educational programs are formalized;
- reports on the results of monitoring are heard during the meetings of the collegial bodies.

The recommendations of the EEC:

-Develop a procedure to inform stakeholders about any planned actions in relation to the EP and ensure its implementation and monitoring.

Conclusions of the EEC on the standard "Continuous monitoring and periodic evaluation of educational programs": accredited educational programs have 2 - strong, 8 - satisfactory positions.

6.5. A STANDARD "STUDENT-CENTRED LEARNING, TEACHING AND ASSESSMENT»

- 
- The leadership of the EP should ensure respect and attention to different groups of students and their needs, providing them with flexible learning paths.
 - The EP guide should ensure that different forms and methods of teaching and learning are used.
 - An important factor is the availability of own research in the field of teaching methods of academic disciplines EP.
 - The EP guide should demonstrate the existence of a feedback system on the use of different teaching methods and evaluation of learning outcomes.
 - The leadership of the EP should demonstrate support for the autonomy of students, with simultaneous guidance and assistance from the teacher.
 - EP leadership must demonstrate the existence of procedures for responding to complaints of students.
 - The University should ensure consistency, transparency and objectivity in the evaluation of learning outcomes for each EP, including appeal.
 - The University must ensure that the assessment procedures of learning outcomes students EP planned learning outcomes and objectives of the programme. The criteria and methods of evaluation for the EP should be published in advance.
 - The University should identify mechanisms to ensure the development of each graduate EP learning outcomes and ensure the completeness of their formation.
 - Evaluators should be familiar with modern methods of assessing learning outcomes and regularly improve their skills in this area.

The evidence part

According to the accredited EP, the management of Baishev University provides equal opportunities to students regardless of the language of study for the formation of IOT, the formation of the experience of independent solutions of cognitive, communicative, organizational, moral and other problems of future professional activity.

Educational and methodical documentation, in particular, EDC, EMCD working programs and syllabuses, are made in two languages. tests, examination tickets are drawn up in the language of instruction. In the disciplines taught in English by the EMCD, work programs, syllabuses are developed in English, respectively.

For the purpose of student-centered learning at the departments used various methods and technologies of training, taking into account the diversity of forms of assimilation of information.

The University is constantly working on the introduction of active and innovative teaching methods, which are characterized by the maximum approximation to the real professional situation and allow the most effective formation of professional competence of the future specialist and the responsibility of students for the result of the learning process.

The decision on the use of innovation in the educational process are considered at the EMB higher school, EMB University and approved by the academic Council.

In the process of implementation of various methods of teaching and teaching teachers of the departments of "Information and communication technologies", "Engineering and transport services" and "Design and construction" developed scientific and methodological and educational materials, textbooks, teaching materials, multimedia training complexes, which are complete, unique and popular products, involving flexibility, adaptability, variability of the content of tasks and educational technologies. For the implementation of EP "5B070300-Information systems" published "Methodical instructions on conducting the online workshop" (by Suraganova K., Sartbaeva A. A., E. K. Medeuov).

The University conducts its own research in the field of teaching methods of academic disciplines, which are reflected in the articles, methodological developments. To implement the EP "5B070300-Information systems" published a number of articles: "the Use of the Prezi Platform in the educational system" (Kazbekova G. N.); "The role of digital technologies in the educational system" (A. M. Aliyeva); "the Use of multimedia technologies in education" (E. K. Medeuov); "Modern approaches to the formation of necessary professional competences" (K. Shurakhanova); "Modern educational technologies in student-centered learning" (Balmaganbetova F. T.); "Ways of development of self-organization and management of students" (Tavanova N. M.); "Mobile learning among students" (Imangazina N. A.)

For EP "5B070200 – automation and control" senior teacher Sundetova A. R. developed a methodological tool-manual "Physics – reference schemes", designed for students of technical specialties.

The experience of implementing the most relevant and effective methods becomes the object of exchange between teachers through demonstration and open classes, which are recorded in the journals of mutual visits of teachers and reflected in the work plans of departments, minutes of meetings of the EMB of the higher school of engineering.

In order to promote the pedagogical experience of teaching staff, to motivate teachers to actively use multimedia technologies in the educational process, the organization of training sessions using ICT in the 2016-2017 academic year, the University held a competition "Best media lesson". The competition "Best media lesson", held by the University from 20.03.17 to 21.04.17, was attended by a senior lecturer of the Department "Technical Cybernetics" (from January 2019. Department of "Information and computer technologies") Medeuov Erbol Kuanyshbaevich. According to the results of the competition Medeuov E. K. was awarded a letter of thanks.

Students receive information about the possibilities of forming an individual educational trajectory through an automated system "Platonus", as well as with the help of advisors.

Monitoring the progress of students on the educational trajectory is carried out on the basis of the system of evaluation of the results of students.

In case of problems associated with the educational process, the student can contact the curator (adviser), head of the Department. Students can also get advice from deans, write on the rector's blog, which is posted on the University website and get a detailed answer. Consideration of complaints and suggestions of students at the University are regulated by internal documents

To ensure consistency, transparency and objectivity of learning outcomes, the final control is carried out by the teacher together with an independent examiner from among the faculty of the Department with the qualification corresponding to the profile of the discipline. Evaluation of professional practice is carried out by the head of the University practice together with the head of the practice of the enterprise. To check the level of compliance of theoretical and practical training of graduates in accordance with professional competencies, the requirements of the EP are formed by the composition from among professors, associate professors, highly qualified specialists corresponding to the profile of graduates.

The student is given the right to appeal the results of the interim, final certification.

Educational achievements of students in all types of assignments and assignments are evaluated by point-rating alphabetic system of knowledge assessment.

The final certification of students is carried out in the form of passing the state examination in the specialty and defense of the thesis (project), or passing the state examinations in the specialty and two major disciplines. The final work is tested for plagiarism. At the same time it is estimated in equal relation to the uniqueness and explanatory note and technical solutions, expressed in the form of calculations and drawings.

Achievement of results of training by the graduate, compliance with their level of theoretical and practical training, established by the state compulsory standards of higher and postgraduate education are reflected in the results of intermediate examinations, professional practices, state examinations, defenses of theses.

Table 1. Results of SAC on release from 2016 to 2018 (on full-time and correspondence training)

Academic year	Total students	State examination			The defense of diploma works		
		A, A-, %	B+, B, B-, %	C+, C, C-, D+, D-, %	A, A-, %	B+, B, B-, %	C+, C, C-, D+, D-, %
5B070200-Automation and Management							
2015-2016	61	18,30%	37,61%	6,9%	58,97%	3, 3%	0
2016-2017	39	8; 21%	31,79%	0	37, 95%	2, 5%	0
2017-2018	61	14;31,5%	47,5%	0	25;73,6%	24;26,4%	
5B070300-Information systems							
2015-2016	21	7, 33%	12, 57%	2,10%	19,90%	2, 10%	0
2016-2017	23	4, 18%	19, 82%	0	12,48%	12, 52%	0
2017-2018	28	10, 36%	14,50%	4, 14%	16,76%	4, 19%	1, 5%
5B072900-Construction							
2015-2016	22	7, 30%	12,57%	3, 13%	20,91%	2, 5%	0
2016-2017	22	2; 9%	20; 91%	0	20, 91%	2, 9%	0
2017-2018	19	3, 16%	16, 84%	0	19,100%	0	0

The qualitative indicator of achievement of results of training of graduates for the last 3 years is stable in relation to the contingent at the level of 93%.

Training of evaluators is carried out by improving the skills in the relevant field of teaching.

Among the organizations in which there were advanced training of TS, it is possible to allocate: Academy of pedagogical Sciences of Kazakhstan, ENU. L. N. Gumilev (Astana), Institute of additional education UFA of the "BSPU. M. Akmulla" (Ufa), KazNU al-Farabi

KazNPU named after Abay (Almaty), international Kazakh-Turkish University. Khoja Ahmed Yasawi (Turkestan), ORENBURG state pedagogical University (Orenburg).

On the basis of these organizations mastered such EP as: "Quality of education: problems and prospects", "Methodology of education", "Modern approaches to teaching in higher school", "Innovative methods of modeling the educational process", "Innovative technologies of training in vocational education".

On the basis of the Institute of advanced training and retraining of Baishev University teachers of the Department were trained in the following areas:

- Design of educational programmes aimed at the achievement of competencies (72 Acad. hour's);
- Portfolio technology in the system of pedagogical diagnostics (72 academies. hour's);
- Method of projects as a technology of formation of key competences of students (72 academies. hour's);
- Modern tools of criteria-based assessment of students (72 academies. hour's.)

Analytical part

Students Express satisfaction with the level of quality of teaching, which shows the results of the survey. 82.6%, 15.2% and 2.2% are fully satisfied with the quality of teaching.

The Commission notes that the methods of teaching and learning at the University correspond to the content and the final results of training, contribute to the active training of students, increase their responsibility for the learning process, allow to determine their own needs.

In General, both students and faculty expressed positive views on the implementation of accredited EP, which later confirmed the results of the survey. The systematic development and implementation of various forms and methods of teaching and learning, including the use of innovative methods, tracked the satisfaction of students and teaching staff methodological innovations. However, the Commission notes that the University, within the framework of the accredited program EP 5B072900- "Construction" there is a need to develop and implement new own research in the framework of teaching methods for the development of student-centered learning.

Strengths/best practices

- The University provides continuous support for the autonomy of students with simultaneous guidance and assistance from the teacher;
- students are given the right to appeal the results of the interim, final certification;
- mechanisms to ensure the development of each graduate learning outcomes identified and fully formed;
- Institute of curators;
- regular training of teaching staff in teaching methods takes place;
- representatives of students are members of the Academic Council.

The recommendations of the EEC:

-Systematize the development of their own research faculty in the field of teaching methods of academic disciplines accredited by the OP in the context of student-centered learning. Ensure the dissemination of information on the results of their own research, both in the form of publications and in the format of dialogue platforms on educational and methodological support (round tables, conferences, seminars)

Conclusions of the EEC on the standard "Continuous monitoring and periodic evaluation of educational programs": accredited educational programs have 2 - strong, 7 - satisfactory positions; 1 –requiring improvement position.

6.6. STANDARD "STUDENTS"

- The University should demonstrate the policy of formation of the contingent of students in the context of EP 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.
- The leadership of the EP should demonstrate the implementation of special adaptation and support programs for newly enrolled and foreign students.
- The institution must demonstrate the conformity of the actions of the Lisbon Convention priznanie.
- The University should cooperate with other educational institutions 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.
- Management of the EP should demonstrate the existence and application of a mechanism to recognize the results of academic mobility of students, as well as the results of additional, formal and non-formal education.
- The University should provide an opportunity for external and internal mobility of students of EP, as well as assist them in obtaining external grants for training.
- The management of the EP should make the maximum amount of effort to provide students with places of practice, to promote the employment of graduates, to maintain communication with them.
- The University must provide the graduates of the EP with documents confirming the qualifications obtained, including the achieved learning results, as well as the context, content and status of the education received and evidence of its completion.
- An important factor is the monitoring of employment and professional activity of graduates of EP.
- The management of the EP should actively encourage students to self-education and the development of non-core programs (extracurricular activities).
- An important factor is the existence of an existing Association/alumni Association.
- An important factor is the availability of a mechanism to support gifted students.

The evidence part

The management of the EP demonstrates the policy of forming a contingent of students of the EP from admission to graduation and ensures transparency of its procedures. To form a contingent of students of the faculty of the Department carries out a great career guidance work.

Introductory courses for first-year students on the organization of the educational process on credit technology training takes place during the orientation week, the terms of which are specified in the academic calendar.

For newly enrolled students, an adaptation week is organized, implemented by the efforts of academic advisors. There is a program of support for foreign and newly enrolled students.

Table 1. Number of enrolled students by forms and technology of education

Name of EP	2015	2016	2017	2018	2015	2016	2017	2018	2015	2016	2017	2018
	-	-	-	-	-	-	-	-	-	-	-	-
	2016	2017	2018	2019	2016	2017	2018	2019	2016	2017	2018	2019
	full-time				Distance				part-time			
5B070200- "Automation and Management»	24	29	32	23	14	40	9	26	9	10	6	16
5B070300- "Information Systems»	19	0	0	9	8	16	4	12	1	4	2	5
5B072900- "Construction»	16	28	17	24	0	0	0	0	0	0	0	0
Total	59	57	49	56	22	56	13	38	10	14	8	21

Table 2. Contingent of students in the context of educational programs
5B070200 – "Automation and Management"

Academic year	Form of study	Total	Total students		1 course		2 course		3 course		4 course	
			kz	rus	kz	rus	kz	rus	kz	rus	kz	rus
2015-2016	Full-time	163	135	28	36	3	50	13	15	2	34	10
	Part-time	19	16	3	9	0	7	3	0	0	0	0
2016-2017	Full-time	193	172	21	61	8	55	4	46	9	10	0
	Part-time	16	12	4	6	4	6	0	0	0	0	0
2017-2018	Full-time	226	207	19	39	3	92	7	53	2	23	7
	Part-time	18	11	7	4	2	7	5	0	0	0	0
2018-2019	Full-time	346	297	49	102	21	80	20	79	8	36	0
	Part-time	25	17	8	12	6	5	2	0	0	0	0

5B070300 – «Information Systems»

Academic year	Form of study	Total	Total students		1 course		2 course		3 course		4 course	
			kz	rus	kz	rus	kz	rus	kz	rus	kz	rus
2015-2016	Full-time	74	65	9	25	2	15	2	15	5	10	0
	Part-time	7	2	5	1	0	1	5	0	0	0	0
2016-2017	Full-time	72	59	13	9	7	23	2	17	4	10	0
	Part-time	5	2	3	1	3	1	0	0	0	0	0
2017-2018	Full-time	50	40	10	2	2	4	6	22	2	12	0
	Part-time	9	3	6	1	1	2	5	0	0	0	0
2018-2019	Full-time	90	63	27	35	10	9	11	3	6	16	0
	Part-time	9	7	2	6	0	1	2	0	0	0	0

5B072900 – «Construction»

Academic year	Form of study	Total	Total students		1 course		2 course		3 course		4 course	
			kz	rus	kz	rus	kz	rus	kz	rus	kz	rus
2015-2016	Full-time	78	59	19	16	0	15	7	11	6	17	6
	Part-time	0	0	0	0	0	0	0	0	0	0	0
2016-2017	Full-time	93	77	16	28	1	25	0	15	8	9	7
	Part-time	0	0	0	0	0	0	0	0	0	0	0
2017-2018	Full-time	111	111	0	18	0	56	0	23	0	14	0
	Part-time	0	0	0	0	0	0	0	0	0	0	0
2018-2019	Full-time	182	158	24	48	15	42	9	50	0	18	0
	Part-time	0	0	0	0	0	0	0	0	0	0	0

Based on table 2 shows that the contingent of students on EP "5B070200 - Automation and Management" compared with the 2015-2016 academic year increased by 189 students; EP 5B070300 – "Information systems" compared with the 2015-2016 academic year increased by 18 students; EP "5B072900 – Construction" compared with the 2015-2016 academic year increased by 102 students.

The ratio of students in the languages of instruction is changing in the direction of increasing the number of students in the state language.

Over the past two years, there has been an increase in the number of students studying at the expense of state orders.

Table 3. Contingent of foreign students in the context of EP for 2017-2018, 2018-2019 academic years.

Academic year	Code EP	Title EP	The contingent of students	Number of foreign students
2017-2018	5B070200	Automation and control	244	2 (Uzbekistan)
	5B070300	Information Systems	59	1(Uzbekistan)
	5B072900	Construction	111	2(Uzbekistan)
2018-2019	5B070200	Automation and control	371	6(Karakalpakstan)
	5B070300	Information Systems	99	9 (Karakalpakstan)
	5B072900	Construction	182	4 (3- Karakalpakstan, 1- Russia)

As can be seen from table 3, the number of foreign students in the context of EP technical cluster increases annually.

From 2014 to 2018, 12 students took part in the program of internal and external academic mobility on accredited EP, including 2 in foreign universities, 10 people in domestic universities.

Procedures for admission of students from other universities, recognition and credit offset, based on the principles of the Lisbon Convention on the recognition of learning outcomes. Admission of students from other universities is carried out according to the Rules of transfer and recovery, approved by the order of the Minister of education and science of the Republic of Kazakhstan from 20.01.2015 year №19. When transferring students from other universities is determined by the academic difference in the disciplines of working class members, they studied in previous academic periods.

In the 2017-2018 academic year, the employment rate for the cluster EP averaged 67%. Information on employment in the context of the EP for 2017 and 2018 is presented in table 4.

Employment of graduates accredited by the EP is carried out according to the schedule in two stages: the first – the activities carried out in the deans, the second – the final distribution carried out by the rector of the University.

Activities carried out at the faculties are – the direction of letters to organizations, enterprises and institutions of the city and region, to assist in the arrangement of graduates for practical training and further employment; conducting organizational and explanatory conversations with students; conclusion of contracts with enterprises and organizations of the region on mutual cooperation; participation of graduates in the "job Fair" held by the city akimat and the employment Center; holding a job fair.

Within the framework of job fairs are held:

- organization of meetings with the heads of the enterprise and organization;
- organization of a round table with representatives of regional enterprises;
- sending information letters to participants with full information about the conditions of participation in the fair;
- training graduates "Portfolio of business person»;
- preparation of "business Cards of specialties", stands;

Relations with the Youth labor exchange, the Department of internal policy, the employment Center, employment Agencies have been established.

On the University website section was created "alumni Board" where the necessary information for graduates: the Program "employment Road map -2020", "With diploma in village", "Youth practice", "Youth personnel reserve", "Schedule of job fairs KSU "Center of

employment", "Electronic labour exchange", "Information about in-demand specialties according to the analysis carried out in 2018".

Most of the graduates EP "5B070200-Automation and Management" after graduation are held in the organization: Branch of JSC "NC "Kazakhstan Temir Zholy" - Almaty signalling and communication (SCI-5), Branch of JSC "NC "Kazakhstan Temir Zholy", Shalkar distance of signaling and communication (CHC-3), Branch of JSC "NC "KTZ "Atyrau branch of the main network" - Kularinsky signalling and communication (CHC-11).

Most of the graduates EP 5B072900 "Construction" work in the PC Nektar: chief engineer, Deplaseaza IV, section chief Derevyanchenko A.; foreman Veremchuk D.; head of the PTO - Zholdasbaeva G. W; master Veremchuk, Y. V.; master Nurgazina A. B. and others.

Table 4. Employment of graduates of 2018 in the context of specialties

№	Name of EP	2017 год			2018 год		
		Total number of graduates	Of them, employed	% indicator (as of January 2019)	Total number of graduates	Of them, employed	% показатель (as of January 2019)
1	Automation and Management	23	20	87	28	19	67,9
2	Information Systems	39	34	87,2	41	45	73,8
3	Construction	22	12	54,5	19	10	52,6
4	Finance (bachelor)	57	48	84,2	55	32	71,1
5	Finance (master's degree)	11	10	90,9	14	13	92,9

In order to increase the employability of graduates the EP head is actively working with employers and with the bases of practices. For example:

1. "5B070300 – Information systems" – Tyshkanov O. - Aktobe branch Specialist of JSC "TransTeleCom", Kiesow N. and. Director of Aktobe branch of the ITC statistics Committee of the NEM RK;
2. "5B072900 - Construction" of Tablesize I. V., chief engineer PC "Nectar";
3. "5B070200 - Automation and Management " - K. Daribay., - head of "Communication and Alarm" section of JSC NC "Kazakhstan railway"; S. A. Ekibaev – Director of Aktobe branch of the main network of JSC NC "Kazakhstan railway";

Examination sessions are traditionally held within the deadlines set by the Academic calendar of the University. Preparation of the sessions was carried out in accordance with the set of activities for the organization and conduct of the session by the structural units responsible for the organization of the educational process.

However, the Commission notes that the University has developed an Academic policy containing the main issues of educational, organizational activities of students.

Analytical part

As a result of the survey, the availability of academic counseling is fully satisfied (80.4%); the availability of health services (76.1%); the availability of library resources (84.8%); the existing educational resources (84.8%); the overall quality of educational programs (84.8%); the relationship between student and teacher (93.5%).

Strengths/best practices

- High level of satisfaction of students with the organization of the educational process;
- The presence of transparent procedures governing the admission, transfer and recovery of students;
- Presence of branches of departments at the enterprises of the region.

The recommendations of the EEC:

- To analyze the existing agreements on the passage of all types of practices and ensure the availability of EP key partners-practice bases, taking into account professional standards.
- To ensure the use of the best international and Kazakh practices in the activities of the employment Department of the University(Erasmus+ projects), in particular the creation of information bases: information about employers and graduates.

Conclusions of the EEC on the standard "Students": accredited educational programs have 3 - strong, 9 - satisfactory positions.

6.7 THE STANDARD "FACULTY"

- The University should have an objective and transparent personnel policy, including in the context of the EP, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff.
- The University should demonstrate the compliance of the staff potential of the TS with the strategy of development of the University and the specifics of the EP.
- The management of the EP should demonstrate a sense of responsibility for its employees and ensure a favorable working environment for them.
- The leadership of the EP should demonstrate the change in the role of the teacher in connection with the transition to a student-centered learning.
- The institution must determine the contribution of the PPS EP to the implementation of the development strategy of the University, etc. strategically located.
- The University should provide opportunities for career growth and professional development of TS EP.
- The management of the EP should involve practitioners from relevant industries in teaching.
- The leadership of the EP should ensure targeted actions for the development of young entrepreneurs.
- The institution must demonstrate motivation for professional and personal development of teachers EP, including the encouragement of the integration of scientific activities and education, and innovative teaching methods.
- An important factor is the active use of TS EP information and communication technologies in the educational process (for Example, on-line training, e-portfolio, MOOC, etc.).
- An important factor is the development of academic mobility within the EP, attracting the best foreign and domestic teachers.
- An important factor is the involvement of TS EP in society (the role of TS in the system of education, in the development of science, the region, the creation of a cultural environment, participation in exhibitions, creative competitions, charity programs, etc.).

The evidence part

Baishev University has an objective and transparent personnel policy.

Training for bachelor programs is carried out by the following categories of teaching staff: teachers with academic degrees and titles, senior teachers, teachers. The lectures were allowed professors, associate professors, senior lecturers, scientific workers and experienced experts having experience of practical work on the profile of the EP for at least 3 years.

Selection and placement of scientific and pedagogical personnel in the University is carried out on a competitive basis according to the "Rules of competitive replacement of positions of teaching staff and researchers of higher educational institutions", approved by the Decree of the Republic of Kazakhstan dated 23.04.2015, № 230 (with change October 4, 2018),

QMS CO 3.01-2013 personnel Management. With employees is the employment contract, the contract is concluded and the administrative, support and technical staff.

Accordingly, the qualification requirements, the composition of teaching staff is formed with the share of teachers with Ph. d degree not less than 50%.

Personnel policy of Baishev University is designed to combine existing approaches, best practices and tools of personnel management with the best experience in the field of personnel management. The personnel policy of Baishev University is based on the following basic principles:

- Complexity – coverage of all areas of human resources management;
- Systematic – consideration of all components of the policy in the relationship;
- Transparency – openness at all stages of the human resources management process;
- Validity – the use of modern scientific developments in the field of personnel management, which could provide the maximum economic and social effect;
- Efficiency – payback for activities in the field of personnel management results of production activities.

The management of the EP of this cluster demonstrates the compliance of the staff potential of the TS with the strategy and the specifics of educational programs. Adequate, objective information about the teaching staff is available to the public on the University website.

Quantitative and qualitative analysis of indicators of regular TS is reflected in figures 1-3.

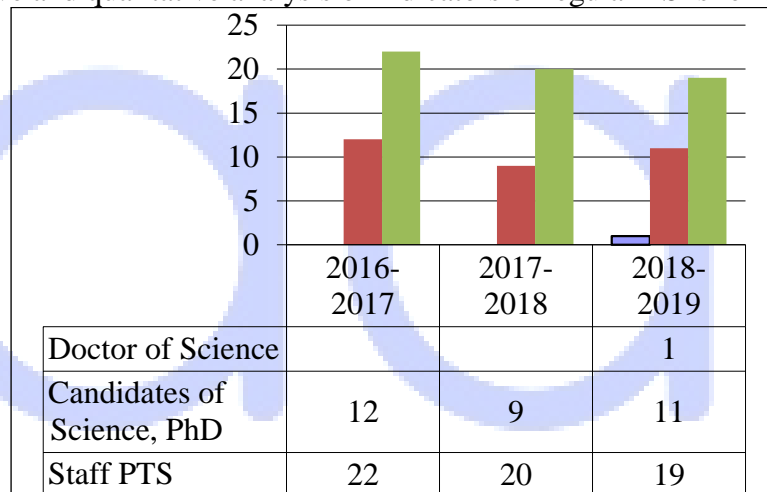


Figure 1. Diagram of the quantitative and qualitative composition of teaching staff on EP "Construction"

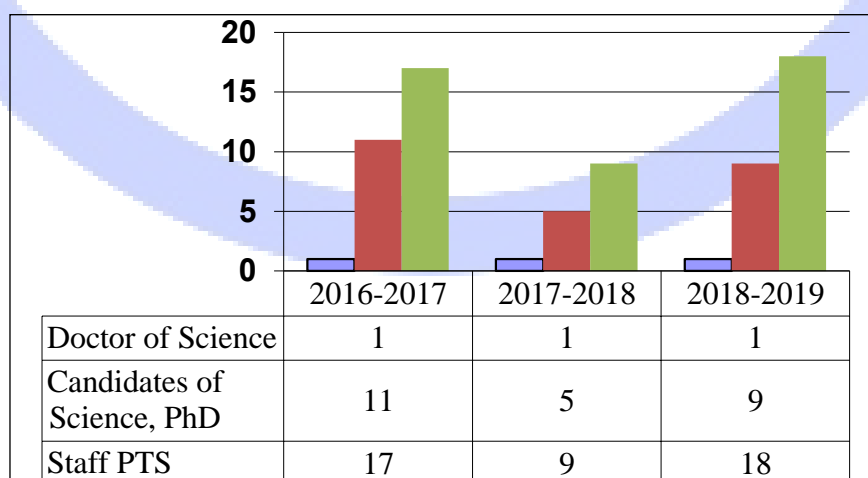


Figure 2. Diagram of the quantitative and qualitative composition of teaching staff in the EP "Information systems"

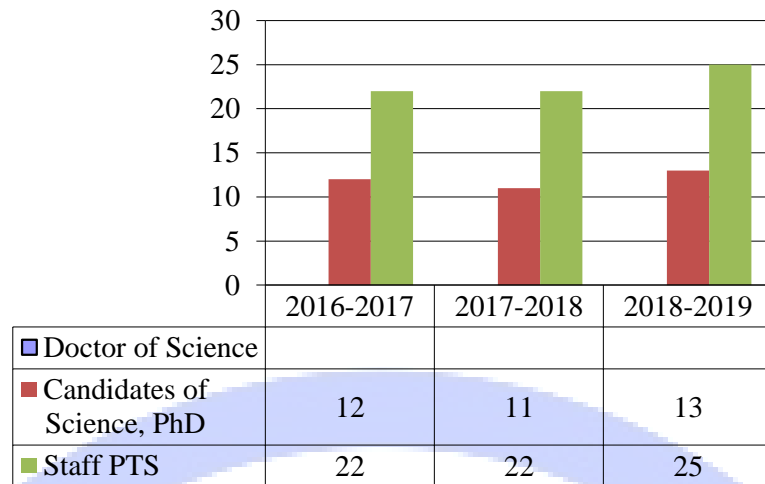


Figure 3. Diagram of the quantitative and qualitative composition of teaching staff on EP "Automation and Management"

The analysis of the diagram shows the growth of TS quality dynamics for the specified period.

The management of the EP demonstrates the awareness of responsibility for its employees and providing them with favorable working conditions and changing the role of the teacher in connection with the transition to student-centered learning: rating system of remuneration and material incentives for its results; free access to the library Fund and information resources of the University; providing opportunities to improve skills at the expense of the University in accordance with the decision of the administration; creation of conditions for use in the work of computer and office equipment, technical means of training, other equipment; promotion of participation in Kazakhstan and international competitions of scientific works and competitions for individual grants; publication of methodological developments of employees; provision of material support to undergraduates, doctoral students; awarding diplomas and thanks to the top management of the University in the field of educational and scientific activities, public work and long-term conscientious work.

The management of EP provides completeness and adequacy of indicative plans of work of PPS on all types of activity, monitoring of efficiency and efficiency of indicative plans, proofs of performance by teachers of all types of the planned loading are shown. The workload of the teaching staff of specialties includes educational, methodical, scientific, organizational and methodical work, improving professional competence.

Rating analysis at the University is to stimulate the growth of qualification, professionalism, productivity of pedagogical and scientific work, the development of creative initiative of teachers.

Every year, the rating of the University staff in accordance with the QMS provision PP 211.03-2017 "On the score-rating system for assessing the activities of the staff of AU im. S. Baisheva", the results of which produce material rewards.

TS participates in competitions for grant and program - target financing, announced by the MES, competitions of international scientific funds. According to the plan of Technopark "Zerek" for the period 2019-2020 is implemented on the basis of grant funding for scientific research project on "Environmentally and economically efficient building composites on the basis of industrial waste" (IRN AP05131501, the minutes of the meetings of the NNS No. 2 of 25 January 2018.).

April 15, 2019 Isakulov B. R., head of the Department "Design and construction" in the competition of the Russian Academy of architecture and construction Sciences for the best scientific and creative works of 2018 was awarded a diploma for scientific work "Technology of high-strength arbolitobetons based on composite slag-alkaline and sulfur-containing binders".

Annually the staff take part in various cultural-mass and gymnastic-improving actions of city and Republican levels.

Analytical part

During the visit, external expert Commission found that there are opportunities to increase the level of academic mobility at the departments, including virtual, which can lead to a lack of access to the resources of third-party higher education institutions.

External expert Commission notes the availability of funded external research projects both within the framework of grants of the Ministry of education and economic contracts.

The programme of action aimed at the development of young TS with concrete examples is not sufficiently presented by the management of the EP.

Strengths/best practices

- Regular professional development of TS;
- The presence of point-rating system of incentives for teachers;
- The growth of qualification teaching staff in EP cluster;
- Availability of financed R & d from external sources.

The recommendations of the EEC:

- Develop tools to encourage young teachers to participate in academic mobility programs, conferences, competitions, research projects on the profile of the EP.
- To ensure the involvement of teaching at the EP, persons with advanced training in the profile of the disciplines they read.
- Head of departments, by the beginning of the 2019/20 academic year, to ensure the availability of the library of the University textbooks, teaching AIDS and other publications on the profile of the EP, which were published by the faculty of the University.

Conclusions of the EEC on the standard "Teaching staff": accredited educational programs have 6 - strong, 6 - satisfactory positions.

6.8 STANDARD "EDUCATIONAL RESOURCES AND STUDENT SUPPORT SYSTEM"

- The management of the EP should demonstrate the adequacy of logistical resources and infrastructure.
- EP leadership must demonstrate the existence of procedures for support of different groups of students, including informing and consulting.
- The management of the EP should demonstrate the compliance of information resources with the specifics of the EP, including compliance:
 - technological support for students and faculty according to educational programs (e.g. online training, modeling, databases, data analysis programs);
 - library resources, including the Fund of educational, methodical and scientific literature on General, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;
 - examination of the results of research, final works, theses on plagiarism;
 - access to educational Internet resources;
 - functioning of WI-FI on the territory of the organization of education.
 - The University should strive to ensure that the educational equipment and software used for the development of educational programs are similar to those used in the relevant industries.
 - The University must ensure compliance with safety requirements in the learning process.
 - The University should strive to take into account the needs of different groups of students in the context of EP (adults, workers, foreign students, as well as students with disabilities).

The evidence part

The University 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 and epidemiological and fire regulations. The creation of an

effective education infrastructure is a necessary condition for the University to successfully carry out its mission.

The management of EP, staff of departments, service personnel carry out systematic work on the analysis of needs of educational programs in material, technical and information resources. The processes of monitoring, measurement, analysis and improvement of the material and technical base and information resources are carried out on the basis of documented procedures of the certified quality management system (QMS).

Baishev University on the right of ownership has buildings (total area 24766,7 sq. m.), corresponding to the current sanitary standards, fire safety requirements (table. One)

Table 1. MTB Baishev University

1	Academic building A	6326,8 KB.M.
2	Academic building B	7143,4 KB.M.
3	Educational building on Imanov str., 14	2106,3 KB.M.
4	Educational building on Imanov str., 14 In	1844,4 KB.M.
5	Training and production building (with a gym)	995,5 KB.M.
6	Body W (gym)	649,3 KB.M.
7	Hostel	2526 KB.M
8	Testing center	1472 KB.M
9	Technopark "Zerek»	1703 KB.M

Over the last 3 years the positive dynamics of the total area of the University premises with 21702,5 to 24766,7 sq. m. sq. m., representing an increase of 3064, 2 sq. m.

For sports there is a sports complex with a total area of 889,5 sqm, two gyms with a total area of 937,3 square meters, the Playground area figure of \$ 301.5 sq. m., a swimming pool with four lanes (the water area is 150 sq. m.), which amounts to 2278,3 sq. m.

To provide students, faculty and staff with food at the University there are two dining rooms with a total area of 545.2 sq. m. for 200 seats. Canteens are leased, work in the established mode, are equipped with all necessary stock and equipment.

To monitor the health of students, faculty and staff of the University there is a medical center with an area of 81.21 sq. m. the Activity of the medical center is carried out on the basis of a license to engage in medical activities (issued on 05.01.2011, PA "Department of health of Aktobe region"). According to the staffing in the medical center are a doctor and a nurse.

In 2019, it is planned to start the construction of a modern campus with a total area of 25,000 sq. m., in the infrastructure of which there is a Palace of students for 650 seats, a hostel for 500 seats, a sports complex of 2560 sq. m., a medical clinic "Baishevmed", etc.

The total area of the library of Baishev University is 762 sq. m. the Structure of the library consists of the following departments: Department of acquisition and processing, reading and multimedia room, information and bibliographic Department, Subscription Department. In the basement there is a book Depository with a total area of 381 sq. m.

The area of the premises of the book depositories on the ground floor of the library is:

- subscription "Educational literature in the state language" – 168.8 sq. m.;
- subscription "Educational literature in Russian" – 115.2 sq. m.;
- reading room – 97 sq. m.

The area of reading rooms on the 1st floor: multimedia room – 97 sq. m., reading room – 169.8 sq. m., information and bibliographic Department – 76 sq. m. (combined), Department of acquisition and processing – 38.2 sq. m.

The library has 18 computers, 2 printers, 1 MFP (laser), 1 color inkjet printer, 2 scanners. Access to the library of the University is also possible after school hours (the library is open from 9-00-18-00 hours, on Saturday from 9-00-13-00 hours). On the website of Baishev University (www.vuzbaishev.kz) there is an electronic library, which reflects the main electronic resources of the University.

The total volume of educational, methodical and scientific literature registered in the Book of the total account of library Fund and the registration book of the movement of the arriving literature (inventory book) is presented in table 2.

Table 2 Dynamics of the General library Fund 2014 - 2018

Academic years	Объем фонда в т.ч. по языкам							
	total	kaz.	rus.	foreign	Educational, educational and methodical literature	scientific	other.	on electronic media
2014-2015	485516	270466	189128	25922	334767	146523	4226	4483
2015-2016	506017	283593	195373	27051	348389	153242	4386	4660
2016-2017	495527	286290	183697	25540	330889	160188	4450	4734
2017-2018	448077	306636	114890	26551	302083	141448	4546	4868
2018-2019*	464903	304437	133273	27193	313402	146923	4578	4974

The Fund of additional literature includes official, reference and bibliographic and periodicals. In the library of the University for the purpose of operational service of readers operates an electronic program "KABIS". The library has alphabetical, systematic catalogs, alphabetical index. At the same time, to improve the quality of library catalogues, the systematization of LBC and UDC in different sections is carried out. Library staff, along with the traditional catalog are electronic catalog, which includes bibliographic descriptions of all units of the Fund. The Fund of periodicals of the University library is represented by industry publications corresponding to the profiles of training of specialists, as well as mass Central and local socio-political publications.

In various areas of training there are video and audio tutorials, lectures on electronic media. Table 3 presents indicators of provision of educational and methodical literature on electronic and magnetic media.

Table 3. Provision of educational and methodical literature on electronic and magnetic media Baishev University

№	Academic year	Number	Number of disciplines	Number of basic and core secured disciplines	Security in a relationship
1	2014-2015	4483	838	597	71,2
2	2015-2016	4723	723	710	98,2
3	2016-2017	4734	696	678	97,4
4	2017-2018	4798	852	840	98,6
5	2018-2019	4974	3116		60%

Periodicals are represented by industry publications corresponding to the profiles of training (table 4).

Table 4 . Security periodicals Baishev University

Years	Sum	Total	Newspapers	Magazines	Language		
					Kaz.	Rus.	Eng.
2014-2015	1034827,00	138	40	98	64	67	7
2015-2016	716480,00	80	17	63	50	29	1

2016-2017	1356230,00	80	17	63	50	29	1
2017-2018	1229425,86	77	16	61	53	23	1
2018-2019	1495067,00	91	75	16	51	39	1

Baishev University publishes a scientific journal "Bulletin of Aktobe University. S. Baisheva", which is published 4 times a year.

The University has created a unified system of biblical and information services. Purchase of educational literature at the request of the Department is carried out in sufficient volume. Information support of the University meets the requirements of the program; the library contains all the necessary materials for training: educational, technical, reference and General literature, various periodicals.

The volume of the book Fund of EP 5B070300 "Information systems", for the last 4 years, in the context of languages of education, is characterized by the following indicators, which are shown in table 5. In addition, there is educational material on electronic media. Annually library Fund EP 5B070300 "Information systems" of teaching materials complemented by special disciplines and training / teaching staff of the Department "Information and communication technologies".

Table 5. Library Fund EP 5B070300 – Information systems

Acad. year	Students	Full time	Distance		Part time		Total library fund scientific	Literature in state language		Literature in state language		Literature in foreign lang. scientific	Providing 100%
			Kaz.	Kaz.	rus.	kaz		stud ies.	studies.	scientific	scientific		
2015/16	59	47	5	5	1	1	10966	3924	1934	2828	2226	54	185,8644
2016/17	57	39	9	7	1	1	11966	4924	1934	2828	2226	54	209,9298
2017/18	41	38	2	1			8372	3187	1297	2642	1112	134	204,1951
2018/19	74	50	7	14	2	1	10650	5337	2425	1642	1112	134	143,9189

At the moment, the book supply of EP 5B070300 "Information systems" is 100 %.

Library Fund EP 5B070200 "Automation and Management" looks like this (table 6):

Table 6. Library Fund EP 5B070200 – Automation and Management

Acad. year	Students	Full time		Distance		Part time		Total library fund	Literature in state language		Literature in state language		Literature in foreign lang. scientific	Providing 100%
		kaz.	rus.	kaz	rus.	kaz.	rus.		studies	scientific	studies	scientific		
2015/16	144	95	20	20	4	4	1	22977	8656	5935	5829	2482	75	159,5625
2016/17	154	100	7	36	7	3	1	23133	8812	5935	5829	2482	75	150,2143
2017/18	148	128	7	10	3			30177	1117	5935	7829	4938	358	203,8986
2018/19	269	166	9	68	20	4	2	30967	1227	6575	6829	4938	358	115,119

At the moment, the book supply of EP 5B070200 "automation and Management " is 100 %. To conduct classes in the disciplines of the educational program, methodical manuals,

presentations, video materials are developed, which are periodically supplemented and updated with new copies.

The volume of the book Fund of EP 5B072900 "Construction" is characterized by the following indicators (7 table).

Table 7. Library Fund EP 5B072900 – Construction

Acad. year	Students	Full time		Total library fund	Literature in state language		Literature in state language		Literature in foreign lang.	Providing 100%
		kaz	rus		studies.	Scient.	studies.	Scient.		
2015 /16	77	59	18	18193	6060	4443	5017	2615	58	236,2727
2016 /17	93	77	16	15193	4060	3443	5017	2615	58	163,3656
2017 /18	61	61		12793	5660	1443	4017	1615	58	209,7213
2018 /19	182	158	24	18376	8810	4090	3803	1615	58	10,967

At the moment, the book supply of EP 5B070200 "Automation and Management " is 100 %. Every year the library Fund of this EP are supplemented by EMCD on special disciplines and textbooks of the faculty of the Department "Design and construction".

The library has access to following full text databases: www.rmeb.kz – Republican interuniversity library (REIL), www.scopus.com – Scopus, www.sciencedirect.com – a full-text database ScienceDirect www.KazakhstanVSL.org Kazakhstan virtual scientific library (VSL), <http://e.lanbook.com/> - submitted e-library system, <http://polpred.com/> archive of important publications, the database "Law", the database of dissertations of the Russian GOSUDARSTVENNAYA library (RSL), the scientific-technical library, e-library FSBEI HPE "BASHKIR STATE PEDAGOGICAL UNIVERSITY M. Akmulla" (additional agreement No. 2 of 12.12/2015 the city).

The University has 290 computers bundled with WindowsXP Professional SP3, Windows 7/10 Professional SP1, Windows Office 2007/2016 Professional software; 5 Dell physical servers with WindowsServer 2008R2 software, on which 13 virtual servers are deployed; 4 computer classes with a total area of 527.3 m2. with a total number of computers 116 seats with connection to the corporate network with a dedicated Internet channel (connection speed 70 Mbit/s of outgoing and incoming traffic), 8 statistical IP addresses. In all areas of the University to operate freely wireless network Internet Wi-Fi. Main information streams: Microsoft: Microsoft Windows XP/7/8.1/10, office applications: Microsoft Office 2007/2010/2013/2016; software for pack: the academic edition ESD single license products Delphi 7 professionals named academic edition ESD single license products C++Builder 2010 professional them academic edition ESD single license products RadPHP XE with the name ESD photoshop extended CS5 12.0, CorelDraw graphics Suite X5, Autodesk 3D max 2018, AutoCAD 2018, CorelDraw graphics Suite 2018 education license, the company GRAPHISOFT ArchiCAD 22(2018, ESET NOD32 antivirus business edition.

To ensure security in the process of interaction with information systems, data exchange between users and systems is controlled by the program UserGateProxy&Firewall, which provides security of Internet access and protection from external attacks. Security of information is ensured by: the presence of antivirus software, system administration of the server; an access restriction to individuals in the room with the servers; technical equipment of the premises with the servers to ensure the operation safety; conduct weekly scheduled activities to backup data to external media by creating a complete image and database backups that provide the ability to restore information. In order to prevent hacker attacks on the Internet resources of the University, periodic monitoring of the services responsible for the operation of the service is carried out, restrictions are imposed on users' access to the resource and to the network OS. Event logs in the OS are analyzed. There is a built-in Firewall system to restrict access to system services to prevent network attacks.

In 2011, the University was founded distance learning Center. For opening this centre the University acquired 4 servers DellPowerEdgeR410 – 3 pieces, DellPowerEdgeR310 - 1 PCs and server hardware and server software worth over six million tenge, the University currently has 4 physical servers and 13 virtual servers.

Table 8. Information about the information security of the University

Name of indicator	Показатель
The presence of a network connection	да
Internet connection speed of at least 1 Mbit/sec	70 Мбит/с
Total number of units of computer equipment (PCs.)	290
The number of units of computer technology used in the educational process (PCs.)	144
Number of computers suitable for online testing (PCs.)	290
Total number of computer classes	4
The presence of a University electronic library	kabis.ausb.kz

There are 2 language laboratories for 28 people (total area of 108.5 m²), equipped with modern equipment, software Windows XPProSP3, Lingvo.

The University offers a unified computer network of BU technology optikovolokno cable (ISP - TransTeleCom).

From the moment of Foundation of University the editorial and publishing Department (RIO) in which the scientific, educational and methodical literature of staff of higher education institution is printed and duplicated works.

The University has a student hostel for 280 people (Aktobe, maresyeva str., 76A) with a total area of 2526 sq. m., which fully meets the needs of students.

In General, the material, 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 accredited educational programs.

Analytical part

External expert Commission confirms the existence of support systems for students, including support through the University website. During meetings with students and faculty it was found that, unfortunately, most do not have financial opportunities for training, internships, training in leading universities of the world, so it is advisable to involve students and faculty to the best online courses.

As a result, visual inspections of the facilities of the members of the WEC, I became convinced that to ensure the educational process of accredited educational programs the University has necessary educational and material assets. Buildings and structures of the University meet the current sanitary standards and fire safety requirements.

At the same time, during the interview of focus groups there were suggestions about the need to increase the number of classrooms for small and large groups and update the material and technical base of educational laboratories of physical and technical direction.

External expert Commission notes the presence of student support systems, the availability of program management and the University as part of the support system.

External expert Commission particularly notes the growth of funding for social assistance to University students and the growth of funding for educational work, as well as cultural and educational activities.

The results of the questionnaire accessibility of the library resources are completely satisfied – was 84.8%, "somewhat satisfied" with 15.2% of students; classrooms, classrooms for larger groups, 73.9 per cent (19.6 per cent); rooms for small groups – 78% (19,4%); rest rooms for students – 34,0% (18,4%); computer classes and Internet resources is 76.1% (23,9%) of learners; available computer classes, compared to 80.4% (19,6%); research laboratories 73.9 per cent (19.6 per cent). Full satisfaction of students with the provision of a hostel is 69.6% (10.9%).

Strengths / best practices:

- Availability of permits for the construction of a new campus in the new city center;
- Interaction with employers in the framework of laboratory equipment renewal;
- Laboratory work at the branches of departments – employers' organizations;
- The existence of systems of support for students, curators;
- Availability of financial support for educational work and cultural and educational activities;
- Availability of a wide range of social support with an annually expanding Fund.

The recommendations of the EEC:

Management of the University to consider the possibility of gradual updating of the material and technical base of the EP, in accordance with changes in the content of the accredited EP.

Conclusions of the EEC on the standard "Educational resources and student support systems": accredited educational programs have 3 - strong, 7 - satisfactory positions.

6.9 STANDARD "INFORMING THE PUBLIC"

- The information published by the University within the EP should be accurate, objective, relevant and should include:
 - implemented programs, indicating the expected learning outcomes;
 - information on the possibility of qualification at the end of EP;
 - information on teaching, training, assessment procedures;
 - information on passing scores and training opportunities provided to students;
 - information on employment opportunities for graduates.
- The management of the EP should use a variety of means of disseminating information, including the media, information networks to inform the General public and stakeholders.
- Public awareness should include support and clarification of the country's national development programmes and higher and postgraduate education.
- The University should publish audited financial statements on its own web resource, including in the context of EP.
- The University should demonstrate the reflection on the web resource of information characterizing the University as a whole and in the context of educational programs.
- An important factor is the availability of adequate and objective information about the TS EP, in the context of persons.

- An important factor is to inform the public about cooperation and interaction with partners in the framework of the EP, including scientific/consulting organizations, business partners, social partners and educational organizations.
- The University should post information and links to external resources on the results of external evaluation procedures.
- An important factor is the participation of the University and implemented EP in a variety of external evaluation procedures.

The evidence part

The University strives to carry out its activities on the basis of the principles of transparency, openness, involvement and awareness of stakeholders .

The main channel of informing the public and stakeholders are social networks (Instagram, Vkontakte) and the official website of the University. On the pages of the above social networks there is information about educational programs.

The main channel for public information (prospective students, their parents, students, alumni and employers) is the official web site Baishev University www.vuzbaishev.kz. At the present time in connection with the renaming of the University is changing the website and changing the presented information. Currently on site there is information:

- about the University: history, mission and strategy, administration, teaching staff, departments, international relations, ratings and accreditation, partners and sponsors, information about employment opportunities for students and graduates, news, events, photo gallery, contacts;

- about admission: bachelor's and master's programs admission scheme, information about the house of students, information about medical care, contacts of the admission Committee;

- about the life of the University: student organizations and clubs, student Board, events.

To ensure the functioning of an effective system of information and feedback website of the University (<http://www.vusbaishev.kz>) includes the following pages:

- page applicant (<http://www.vusbaishev.kz/ru/dakalavriat>);
- news page of stories and events of the University (<http://www.vusbaishev.kz/ru/b.html>);
- electronic library (<http://kabis.ausb.kz>);
- student forum (<http://forum.vusbaishev.kz>);
- educational portal and e-learning portal (<http://platon.ausb.kz>);
- electronic document management system (<http://sed.ausb.kz>);
- the internal e-mail (<http://mail.ausb.kz>).

The official website of the University is operated in three languages (state, Russian, English), in Chinese in development.

One of the ways to consider complaints or suggestions of interested persons is to appeal directly to the rector of the University through his blog on the University website, through which any interested person can ask a question and get a qualified answer.

Especially external expert Commission notes placement on the website of the audited financial statements <http://vuzbaishev.kz/ru/assets/images/otdel/finan/FinOtchet2017.pdf.pdf> ahhh!

In addition to digital channels of information Baishev University traditionally uses f2f technology. Teachers of the EP participate in activities aimed at informing students, applicants and all interested persons.

The management and teachers of the University use the media to disseminate information about the University and attract potential students. The TS act in television channels RICA, Kazakhstan - Aktobe on topical issues of youth, employment, etc., the University once a year holds "open doors".

Public information on topical scientific research is carried out through participation in public, scientific forums and establishing contacts with these public, religious associations, the Department of internal policy of the regional akimat, etc.

Every year a job Fair is held with wide coverage of the event in the media. To organize a job fair, a list of employers is compiled, invitations are developed and sent out, booklets and promotional products are prepared, information about the fair is posted on the website

In particular 15.03.2016 g PhD Lygina, I. P. O. spoke on the television program "first owner" on the TV channel RIKA TV (regional TV station); 04.04.2016 G. E. D., associate Professor of Buharbaev M. S. was invited to perform with the theme of the problem of employment of University graduates according to the TV channel RIKA TV in the program "Arily tan" on "Mamandi Tadao – Matan chasm".

Baishev University is a regional platform for joint activities with the akimat. 10.11. 2016 held a seminar on the theme "Youth against terrorism" with the participation of representatives of Aktobe's Central mosque "Nrear".

Faculty and staff of the University are involved in activities at the regional level. So on September 22-23, 2016 at the initiative of the Governor of the region held a competition of research projects "the Best young scientist of Aktobe region", organized by the Public Fund "Aktobe Damu" on the order of GU "Management of youth policy together with the Council of young scientists of Aktobe region".

University teachers are involved in explaining and supporting government initiatives and programs. So in order to clarify the national programme "Ruhani air - bolashakka Badar" in December 2018, the associate Professor "Economy and business" S. M. Buharbaev 20 December 2018 participated in the debate on the theme "Latin Arne CSU-reniece of aparar Zhol", the information was published in the newspaper "Aktobe". November 15, 2015 Dauletova R. S., konakbayeva A. U. visited the library of the first President of Kazakhstan and participated in the regional Round table "Nazarbayev era, personality, society" with a discussion of the mobile exhibition project.

In December 2017, students of Aktobe University. S. Baisheva gave an interview to the local Bashkir TV on cooperation with the Bashkir state pedagogical University. M. Akmulla.

Public relations at the University is regulated by internal documents of the QMS PP 211.04-2016 "Regulations on feedback rules".

Printed materials, presentations, videos are used to inform the public. For each higher school, a brochure, Fleur or booklet has been developed, which contains General information about higher education and specialties, the benefits of learning on EP, exchange programs for students, teachers, partners, graduates, information about admission, terms and form of training and prices. To inform students, in the foyer of the University building hung information boards, posters, stands, banners, as well as signs with the names of higher schools and specialties.

Rating of educational programs of universities, conducted by the National chamber of entrepreneurs of the Republic of Kazakhstan "Atameken" (hereinafter - NCE RK "Atameken"), as of 23.07.2018 included EP University in the first third of universities. Baishev University steadily confirms the level of OP, participating in the National ranking of universities on educational programs of IAAR Source - <http://www.iaar.kz/ru/rejting/rejting-vuzov>

Analytical part

External expert Commission notes that in the field of information dissemination policy Baishev University demonstrates a policy of transparency, openness, involvement in informing the public of consumers, participants of the educational process and all stakeholders, continuous development and adaptability to the changing realities of society.

External expert Commission emphasizes the publication of audited financial statements as a positive factor. As well as the presence of a formal procedure governing the organization of feedback from consumers and stakeholders.

Satisfaction of stakeholders in the quality of information obtained in its fullness is explored through the analysis of the questionnaires of students, teachers, employers.

However, the experts note the need for add-ons presented on the site with objective information about the EP, learning outcomes, compliance of EP National system of qualifications, academic taught courses, publications, their current research interests.

Strengths/best practices

- Availability of objective information about the activities of the University as a whole and the implementation of educational programs.
- Publication of audited financial statements.
- Participation in regional events faculty and staff of the University.
- Availability of information and links to external resources on the results of external evaluation procedures (in dynamics).

The recommendations of the EEC:

- develop a plan of interaction with the public in the context of the implementation of state programs in the context of strategic documents;
- to revise the structure of the site in order to ensure the completeness of the publication of information about the specifics and results of training within the framework of the implemented educational programs and to complete the placement of basic information.

Conclusions of the EEC on the criteria: According to the Standard "public Awareness" accredited educational programs have 3 strong positions, 9 satisfactory positions and 1 position requires improvement.

6.10 STANDARD "STANDARDS IN THE CONTEXT OF INDIVIDUAL SPECIALTIES"

The evidence part

To improve the efficiency of op implementations on this cluster are the activities aimed at:

- to deepen, systematize, generalize and concretize the theoretical knowledge obtained at the University;
- to improve professionally significant skills in the vocational area EP;
- to acquaint students with the professional environment and gain practical experience and skills on the EP in General.

The effectiveness of educational programs of this cluster can be judged by the results of seminars, scientific conferences, competitions, as well as by visiting thematic exhibitions, excursions at enterprises whose activities are related to the profile of the EP.

In the EP there are regular meetings with employers at employment of young specialists. At such meetings, representatives of companies explain to students about their activities and achievements in the professional sphere, which was confirmed during the interviewing of focus groups.

The experts of the WEC visited the following base practices of the educational programs of the cluster:

EP 5B070300–"Information systems" - Aktobe branch of "TransTeleCom", Aktobe, Moldagulova str., 49

EP 5B070200–"automation and Management "-Aktobe distance alarm and communication(SHCH-5), Aktobe, Lomonosov str., 9. The branch of JSC "NC KTZ ", Aktobe branch of the SE" - station of Aktobe", Aktobe city, Privokzalnaya street, 22.

EP 5B0729-Construction – too RI "of Tehnoproekt", Aktobe city, St Sankibai Batyr,

1. During the visit, the experts got acquainted with the material and technical bases of these enterprises, where some practical and laboratory classes, technological, industrial and pre-diploma practices are trained EP. In particular, according to the EP "Construction" laboratory

classes are held in an accredited testing center on the basis of LLP "Regional industrial Technopark "Aktobe".

Analytical part

Based on the results of the analysis, the members of the EEC came to the following conclusion.

Visiting the Department, laboratories, special classrooms showed that teaching on educational programs is carried out through the use of interactive and innovative teaching methods, software products, multimedia presentation of lectures, consideration of situational tasks, non-standard (creative) problem solving, business games, interactive whiteboard.

Students undergo professional practice on the basis of practices, protect the results of the practice in the form of a conference with the participation of managers from the enterprise and the University. In addition, the company provides all the necessary information of an analytical nature, data on the history and activities of enterprises that students study and use in the course of course work, diploma projects, reports on practice. During the internship, students master practical skills, competencies on EP.

Strengths / best practices:

- Active interaction with employers on a permanent basis.
- Providing companies with real data/cases for graduation and graduation projects.

Conclusions of the EEC on the standard "Standards in the context of individual specialties": accredited educational programs have 2 - strong, 3 - satisfactory positions.

(VII) REVIEW STRENGTHS/ GOOD PRACTICES FOR EACH STANDARD

STANDARD "MANAGEMENT OF EDUCATIONAL PROGRAM"

1. The University demonstrates the development of a culture of quality assurance, including in the context of EP.
2. There is a continuity of strategic documents.
3. The management of the EP involves employers in the formation of the development plan of the EP.
4. The University demonstrates a clear definition of those responsible for business processes within the quality management system.
5. The University development program is developed in accordance with the new requirements of the MES.
6. The evidence of openness and accessibility of the manual for students, teachers and employers is demonstrated.
7. Participation of the management and staff of the University in the collegial bodies regulating research and organization of the educational process at the country level.
8. The management of the University and educational programs on a regular basis are trained in educational management programs.

STANDARD INFORMATION MANAGEMENT AND REPORTING

1. Implementation of an integrated approach to information management.
2. Electronic document circulation.
3. Methodological support and development of all necessary guidance materials.
4. Conducting an internal audit on an ongoing basis.
5. Constant monitoring and analysis of various processes with established frequency and coverage of the main activities.
6. Availability of feedback and corrective actions in all areas in the information system of the University.
7. The ability to access students and teachers to information resources in the AIS "Platonus".

STANDARD "DEVELOPMENT AND APPROVAL OF EDUCATIONAL PROGRAMS"

1. Procedures for the development of EP are documented and approved at the institutional level;
2. In the formation EP the participation of all stakeholders (students, employers, faculty);
3. The complexity of EP are clearly defined in the Kazakhstan credits and ECTS;
4. Annual external examinations of educational programs of the cluster.

STANDARD "CONTINUOUS MONITORING AND PERIODIC EVALUATION OF EDUCATIONAL PROGRAMS"

1. Demonstrated supporting documents on the participation of students, employers and other stakeholders in the revision of the EP (expert opinions, reviews of the EP and CED, letters of offer from employers on the introduction of disciplines in the EP and the creation of learning paths, minutes of meetings of the Department);
2. The annual review of the content and structure of the cluster EP is carried out taking into account changes in the labor market, employers ' requirements and social demands of the company;

3. Monitoring processes of educational programs are formalized;
4. Reports on the results of monitoring are heard during the meetings of the collegial bodies.

A STANDARD "STUDENT-CENTRED LEARNING, TEACHING AND ASSESSMENT"

1. The University provides continuous support for the autonomy of students, with simultaneous guidance and assistance from the teacher;
2. Students are given the right to appeal the results of the interim, final certification;
3. Mechanisms to ensure the development of each graduate learning outcomes identified and fully formed;
4. The Institute of curators;
5. There is a regular teaching staff teaching methods;
6. Representatives of students are members of the Academic Council.

STANDARD "STUDENTS"

1. High level of satisfaction of students with the organization of the educational process;
2. The presence of transparent procedures governing the admission, transfer and recovery of students;
3. Presence of branches of departments at the enterprises of the region.

STANDARD "FACULTY"

1. Regular professional development of TS;
2. The presence of point-rating system of incentives for teachers;
3. The growth of qualification teaching staff in EP cluster;
4. Availability of financed R & d from external sources.

STANDARD "EDUCATIONAL RESOURCES AND STUDENT SUPPORT SYSTEM"

1. Availability of permits for the construction of a new campus in the new city center;
2. Interaction with employers in the framework of laboratory equipment renewal;
3. Laboratory work at the branches of departments – employers' organizations;
4. The existence of systems of support for students, curators;
5. Availability of financial support for educational work and cultural and educational activities;
6. Availability of a wide range of social support with an annually expanding Fund.

STANDARD "PUBLIC AWARENESS"

1. Availability of objective information about the activities of the University as a whole and the implementation of educational programs.
2. Publication of audited financial statements.
3. Participation in regional events faculty and staff of the University.
4. Availability of information and links to external resources on the results of external evaluation procedures (in dynamics).

STANDARD "STANDARDS IN THE CONTEXT OF INDIVIDUAL SPECIALTIES"

1. Active interaction with employers on a permanent basis.
2. Providing companies with real data/cases for graduation and graduation projects.

(VIII) REVIEW RECOMMENDATIONS FOR IMPROVING THE QUALITY

STANDARD "MANAGEMENT OF EDUCATIONAL PROGRAM"

- to clarify the uniqueness and individuality of the accredited educational programs within the framework of the formalization of learning outcomes when entering into the list of educational programs Of the center of the Bologna process and academic mobility;
- to continue the practice of advanced training in educational management programs to the University management and heads of accredited educational programs;
- formalize the process of innovation and monitoring their implementation within the EP and at the University level.

STANDARD INFORMATION MANAGEMENT AND REPORTING

- ensure that employees and students of the University use a single corporate e-mail with personal addresses for professional and educational purposes;
- provide full-scale information to graduates about employment opportunities;
- to analyze the activity of employment processes in order to improve information support for the organization of practice and employment of students.

STANDARD "DEVELOPMENT AND APPROVAL OF EDUCATIONAL PROGRAMS"

- To revise the format of providing information used in the design of EP, in particular, to provide a greater visualization of the complexity of individual educational programs, and their contribution to the formation of learning outcomes.
- To analyze and realize the existing opportunities of internal internationalization of EP.

STANDARD "CONTINUOUS MONITORING AND PERIODIC EVALUATION OF EDUCATIONAL PROGRAMS"

1. Develop a procedure to inform stakeholders about any planned actions in relation to the EP and ensure its implementation and monitoring.

A STANDARD "STUDENT-CENTRED LEARNING, TEACHING AND ASSESSMENT"

1. To systematize development of own researches of PPS in the field of a technique of teaching of the academic disciplines accredited by EP in the context of student-centered training. Ensure the dissemination of information on the results of their own research, both in the form of publications and in the format of dialogue platforms on educational and methodological support (round tables, conferences, seminars)

STANDARD "STUDENTS"

1. To analyze the existing agreements on the passage of all types of practices and ensure the availability of EP key partners-practice bases, taking into account professional standards.

2. To ensure the use of the best international and Kazakh practices in the activities of the employment Department of the University (Erasmus+ projects), in particular the creation of information bases: information about employers and graduates.

STANDARD "FACULTY"

1. Develop tools to encourage young teachers to participate in academic mobility programs, conferences, competitions, research projects on the profile of the EP.

2. To ensure the involvement of teaching at the EP, persons with advanced training in the profile of the disciplines they read.

3. Head of departments, by the beginning of the 2019/20 academic year, to ensure the availability of the library of the University textbooks, teaching AIDS and other publications on the profile of the EP, which were published by the faculty of the University.

STANDARD "EDUCATIONAL RESOURCES AND STUDENT SUPPORT SYSTEM"

1. Management of the University to consider the possibility of gradual updating of the material and technical base of the EP, in accordance with changes in the content of the accredited EP.

STANDARD "PUBLIC AWARENESS"

- develop a plan of interaction with the public in the context of the implementation of state programs in the context of strategic documents;

- to revise the structure of the site in order to ensure the completeness of the publication of information about the specifics and results of training within the framework of the implemented educational programs and to complete the placement of basic information.

Annex 1. OPTIONS SPECIALIZED PROFILE

№ п\п	№ п\п	Evaluation criteria	Education organization position			
			Strong	Sat.	To be improved	Unsat.
Standard "Educational Program Management"						
1	1	The University must have a published quality assurance policy.		+		
2	2	Quality policy should reflect the link between research, teaching and learning.		+		
3	3	The University should demonstrate the development of a	+			

		culture of quality assurance, including in the context of EP.				
4	4	Commitment to quality assurance should apply to all activities performed by contractors and partners (outsourcing), including joint/double-degree education and academic mobility.		+		
5	5	The management of the EP ensures transparency of the development plan of the EP 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.		+		
6	6	The management of the EP demonstrates the functioning of mechanisms for the formation and regular revision of the development plan of the EP 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 EP.		+		
7	7	The management of the EP should involve representatives of stakeholder groups, including employers, trainees and TS, in the development of the EP.		+		
8	8	The leadership of the EP should demonstrate the individuality and uniqueness of the development plan of the EP, its consistency with national development priorities and development strategy of the organization of education.		+		
9	9	The University should demonstrate a clear definition of those responsible for business processes in the framework of the EP, a clear distribution of duties of staff, the division of functions of collegial bodies.	+			
10	10	The management of the EP should provide evidence of the transparency of the educational program management system.	+			
11	11	The management of the EP should demonstrate the successful functioning of the internal quality assurance system of the EP, including its design, management and monitoring, their improvement, decision-making on the basis of facts.		+		
12	12	The management of the EP should manage the risks.		+		
13	13	The management of the EP should ensure the participation of representatives of interested persons (employers,	+			

		teachers, students) in the collective management bodies of the educational program, as well as their representativeness in decision - making on the management of the educational program.				
14	14	The University should demonstrate innovation management in the framework of the EP, including the analysis and implementation of innovative proposals.		+		
15	15	The EP management should demonstrate evidence of openness and accessibility to learners, faculty, employers and other stakeholders.	+			
16	16	Management of the OP should be trained in education management programs.	+			
17	17	The management of the OP should ensure that the progress made since the last external quality assurance procedure is taken into account in preparing for the next procedure.	+			
Total Standard			7	10		
Information Management and Reporting Standard						
18	1	The University should ensure the functioning of the system of collection, analysis and management of information through the use of modern information and communication technologies and software.		+		
19	2	The EP management should demonstrate the systematic use of processed, adequate information to improve the internal quality assurance system.		+		
20	3	Within the framework of the EP, there should be a system of regular reporting, reflecting all levels of the structure, including the assessment of the effectiveness and efficiency of departments and research.	+			
21	4	The University should establish the frequency, forms and methods of evaluation of management of EP, the activities of collegial bodies and structural units, senior management, implementation of research projects.	+			
22	5	The University should demonstrate the definition of the order and ensure the protection of information, including the identification of responsible persons for the accuracy and timeliness of information analysis and data provision.		+		
23	6	An important factor is the involvement of students,	+			

		employees and teaching staff in the collection and analysis of information, as well as decision-making based on them.				
24	7	The EP management should demonstrate that there is a mechanism for communication with learners, workers and other stakeholders, including conflict resolution mechanisms.		+		
25	8	The University should provide a measure of the degree of satisfaction of the needs of faculty, staff and students within the framework of EP and demonstrate evidence of elimination of the found shortcomings.	+			
26	9	The University should evaluate the effectiveness and efficiency of activities, including in the context of EP.		+		
		Information collected and analyzed by the University should take into account:				
27	10	key performance indicator;		+		
28	11	dynamics of the contingent of students in the context of forms and types;	+			
29	12	level of academic performance, achievement of students and the dismissal;		+		
30	13	satisfaction of students with the implementation of EP and the quality of education at the University;	+			
31	14	availability of educational resources and support systems for students;		+		
32	15	employment and career growth of graduates.			+	
33	16	Students, employees and teaching staff must document their consent to the processing of personal data.		+		
34	17	The guidebook of the EP should facilitate the provision of all necessary information in the relevant fields of science.	+			
Total standard			7	9	1	
Standard "Development and approval of educational programs"						
35	1	The University should define and document the procedures for the development of EP and their approval at the institutional level.	+			

36	2	The guidebook of the EP should ensure that the developed EP meets the stated objectives, including the expected learning outcomes.		+		
37	3	The EP guide should ensure that the developed models of the EP graduate describe the learning outcomes and personal qualities.		+		
38	4	EP leadership must demonstrate the conduct of external examinations EP.	+			
39	5	The qualifications obtained at the end of the EP should be clearly defined, explained and consistent with a certain level of NSC.		+		
40	6	The management of the EP should determine the impact of disciplines and professional practices on the formation of learning outcomes.		+		
41	7	An important factor is the ability to prepare students for professional certification.		+		
42	8	The management of the EP should provide evidence of the participation of students, faculty and other stakeholders in the development of the EP, ensuring their quality.	+			
43	9	The complexity of the EP should be clearly defined in Kazakhstan loans and ECTS.	+			
44	10	Management EP should provide the content of academic disciplines and learning outcomes level (bachelor, master, doctoral).		+		
45	11	The structure of the EP should provide for different activities corresponding to the learning outcomes.		+		
46	12	An important factor is the presence of joint EP with foreign educational organizations.		+		
Total standard			4	8		
Standard "Continuous monitoring and periodic evaluation of educational programs"						
47		The University should monitor and periodically evaluate the EP in order to achieve the goal and meet the needs of students and society. The results of these processes are aimed at continuous improvement of the EP.		+		

		Monitoring and periodic evaluation of the EP should consider:				
48		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;		+		
49		changes in the needs of society and the professional environment;		+		
50		workload, academic performance and graduation;		+		
51		effectiveness of students ' assessment procedures;		+		
52		expectations, needs and satisfaction of students with EP training;		+		
53		educational environment and support services and their compliance with the objectives of the EP.		+		
54		The University and the management of the EP must provide evidence of the participation of students, employers and other stakeholders in the revision of the EP.	+			
55		All stakeholders should be informed of any planned or undertaken actions with respect to the EP. All changes made to the EP must be published.		+		
56		The management of the EP should ensure that the content and structure of the EP are reviewed in the light of changes in the labour market, employers ' requirements and social demands of the society.	+			
Total standard			2	8		
Standard "student-Centered learning, teaching and performance assessment»						
57		The leadership of the EP should ensure respect and attention to different groups of students and their needs, providing them with flexible learning paths.		+		
58		The guidebook of the EP should ensure the use of different forms and methods of teaching and learning.		+		
59		An important factor is the availability of own research in the field of teaching methods of academic disciplines EP.			+	
60		The guidebook of the EP should demonstrate the existence of a feedback system on the use of different teaching		+		

		methods and evaluation of learning outcomes.				
61		The leadership of the EP should demonstrate support for the autonomy of students, with simultaneous guidance and assistance from the teacher.	+			
62		EP leadership must demonstrate the existence of procedures for responding to complaints of students.		+		
63		The University should ensure consistency, transparency and objectivity in the evaluation of learning outcomes for each EP, including appeal.		+		
64		The University should ensure that the procedures for assessing the learning outcomes of students EP planned learning outcomes and objectives of the program. The criteria and methods of evaluation for the EP should be published in advance.		+		
65		The University should identify mechanisms to ensure the development of each graduate EP learning outcomes and ensure the completeness of their formation.	+			
66		Evaluators should be familiar with modern methods of assessing learning outcomes and regularly improve their skills in this area.		+		
Total standard			2	7	1	
Standard "Students"						
67		The University should demonstrate the policy of formation of the contingent of students 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.	+			
68		The leadership of the EP should demonstrate the implementation of special adaptation and support programs for newly enrolled and foreign students.	+			
69		The University must demonstrate its compliance with the Lisbon Convention on recognition.		+		
70		The University should cooperate with other educational institutions and national centers of the "European network of national information centers for academic recognition and mobility/National academic Information Centers for Recognition" ENIC/NARIC to ensure comparable		+		

		recognition of qualifications.				
71		Management of the EP should demonstrate the existence and application of a mechanism to recognize the results of academic mobility of students, as well as the results of additional, formal and non-formal education.		+		
72		The University should provide an opportunity for external and internal mobility of students of EP, as well as assist them in obtaining external grants for training.		+		
73		The management of the EP should make the maximum amount of effort to provide students with places of practice, to promote the employment of graduates, to maintain communication with them.		+		
74		The University must provide the graduates of the EP with documents confirming the qualifications obtained, including the achieved learning results, as well as the context, content and status of the education received and evidence of its completion.		+		
75		An important factor is the monitoring of employment and professional activity of graduates of EP.		+		
76		The management of the EP should actively encourage students to self-education and development outside the main program (extracurricular activities).	+			
77		An important factor is the existence of an existing Association/alumni Association.		+		
78		An important factor is the availability of a mechanism to support gifted students.		+		
Total standard			3	9		
Standard "Teaching staff"						
79		The University should have an objective and transparent personnel policy, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff.		+		
80		The University should demonstrate the compliance of the staff potential of the faculty with the University development strategy and the specifics of the EP.		+		

81		The management of the EP should demonstrate a sense of responsibility for its employees and ensure a favorable working environment for them.	+			
82		The leadership of the EP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning.		+		
83		The University should determine the contribution of TS EP in the implementation of the development strategy of the University, and other strategic documents.		+		
84		The University should provide opportunities for career growth and professional development of TS EP.	+			
85		The management of the EP should involve practitioners from relevant industries in teaching.	+			
86		The leadership of the EP should ensure targeted actions for the development of young teachers.	+			
87		The University should demonstrate the motivation of professional and personal development of teachers of EP, including the promotion of both the integration of research and education, and the use of innovative teaching methods.	+			
88		An important factor is the active use of TS information and communication technologies in the educational process (for example, on-line training, e-portfolio, MOE, etc.).		+		
89		An important factor is the development of academic mobility within the EP, attracting the best foreign and domestic teachers.		+		
90		An important factor is the involvement of TS EP in society (the role of TS in the education system, in the development of science, the region, the creation of a cultural environment, participation in exhibitions, creative competitions, charity programs, etc.).	+			
Total standard			6	6		
Standard "Educational resources and student support systems"						
91	1.	The management of the EP should demonstrate the adequacy of logistical resources and infrastructure.		+		
92	2.	EP leadership must demonstrate the existence of procedures for support of different groups of students,		+		

		including informing and consulting.				
		The management of the EP should demonstrate the compliance of information resources with the specifics of the EP, including compliance:				
93	3.	technological support of students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs);		+		
94	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;	+			
95	5.	Access to educational Internet resources		+		
96	6.	examination of the results of research, final works, theses on plagiarism;	+			
97	7.	the functioning of WI-FI in the territory of the organization of education.		+		
98	8.	The University should strive to ensure that the training equipment and software used for the development of EP, were similar to those used in the relevant industries.		+		
99	9.	The University must ensure compliance with safety requirements in the learning process.	+			
100	10.	The University should strive to take into account the needs of different groups of students in the context of EP (adults, workers, foreign students, as well as students with disabilities).		+		
Total standard			3	7		
Standard "Public Information"						
		The information published by the University within the EP should be accurate, objective, relevant and should include:				
101	1.	implemented programs, indicating the expected learning outcomes;		+		
102	2.	information on the possibility of qualification at the end of EP;		+		
103	3.	information on teaching, training, assessment procedures;		+		

104	4.	information about passing scores and training opportunities provided to students;		+		
105	5.	information on employment opportunities for graduates.		+		
106	6.	The management of the EP should use a variety of means of disseminating information (including media, web resources, information networks, etc.) to inform the General public and stakeholders.	+			
107	7.	Public awareness should include support and clarification of the country's national development programmes and higher and postgraduate education.	+			
108	8.	The University should publish audited financial statements on its own web resource.		+		
109	9.	The University should demonstrate the reflection on the web resource of information characterizing the University as a whole and in the context of the EP.			+	
110	10.	An important factor is the availability of adequate and objective information about the TS EP, in the context of persons.		+		
111	11.	An important factor is to inform the public about cooperation and interaction with partners in the framework of the EP, including scientific/consulting organizations, business partners, social partners and educational organizations.		+		
112	12.	The University should post information and links to external resources based on the results of external evaluation procedures.		+		
113	13.	An important factor is the participation of the University and implemented EP in a variety of external evaluation procedures.	+			
Total standard			3	9	1	
Standards in the context of individual specialties						
NATURAL SCIENCES, AGRICULTURAL SCIENCE, ENGINEERING, AND TECHNOLOGY						
		Educational programs in the areas of "Natural Sciences", "Technical Sciences and technologies", such as "Mathematics", "Physics", "Information systems", etc.,				

		must meet the following requirements:				
114	1.	In order to familiarize students with the professional environment and relevant issues in the field of specialization, as well as to acquire skills on the basis of theoretical training, the education program should include disciplines and activities aimed at obtaining practical experience and skills in the specialty in General and core disciplines in particular, including: - excursions to enterprises in the field of 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.	+			
115	2.	The teaching staff involved in the education program should include full-time teachers with long-term experience as a full-time employee in enterprises in the field of specialization of the education program.	+			
116	3.	The content of all disciplines of EP should be more or less based and include a clear relationship with the content of the fundamental natural Sciences, such as mathematics, chemistry, physics.		+		
117	4.	The manual of the EP should provide measures to strengthen practical training in the field of specialization.		+		
118	5.	The management of EP should provide training of students in the field of application of modern information technologies.		+		
Total standard			2	3		
Total			39	76	3	

