



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

***about the work results of external expert commissions on
assessment
of conformity requirements to standards of educational
programs' specialized accreditation***

5B011200 - Chemistry,

5B011300 - Biology,

5B011600 - Geography,

6M011200 - Chemistry,

6M011300 - Biology

KORKYT ATA KYZYLORDA STATE UNIVERSITY

SITE VISIT DATES: From 19 to 22 February, 2019 year

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External expert commission

Addressed to
Accreditation council of
IAAR



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From 19 to 22 February, 2019 year

February 22, 2019

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(I) LIST SYMBOLS AND ABBREVIATIONS

EP	- educational program
IAAR	- Independent agency for accreditation and rating
EEC	- external expert commission
LRP	- partnership by limited responsibility
NCE	- National Chamber of Entrepreneurs
RCE	- Republican Chamber of Entrepreneurs
KSU	- Korkyt Ata Kyzylorda State University Ministries of Education and Science Republic of Kazakhstan
NIS	- Nazarbayev intellectual school
CBD	- chemical biological directions
SRI	- Scientific research institute
IQAA	- Independent Agency by Provide Qualities at Education
FC	- faculty composition
SRC	- Scientific research Centre
MES RK	- The ministry of education and science Republic Kazakhstan
CPC	- Centre pedagogical craftsmanship
AOE	- autonomous organization of education
EMCS	- educational and methodical complex specialties
EMCD	- educational and methodical complex disciplines
ICT	- information and communication technology
SCSE	- state compulsory standard of education
GED	- general education disciplines
BD	- basic disciplines
TTP	- typical training plan
ITP	- individual training plan
WTP	- working training plan
TPR	- typical training program
CED	- catalog elective disciplines
MUPU	- Moscow urban pedagogical University
SIW	- independent work of the student
IWST	- independent work of the student with a teacher
MSU	- Moscow state the University
SA	- scientist advice
MSQ	- system management quality
CFR	- club of fun and resource
RSSO	- Republican student subject olympiad
PC	- personal computer
RIEL	- Republican InterUniversity Electronic Library
KazNEL	- Kazakh national electronic library
ELS	- electronic library system
RW	- research work
RSC	- Republican state company
RER	- on rights of economic reference
MM	- mass media
ES	- equity of society

(II) INTRODUCTION

In accordance with the order No. 12-19-OD of January 29, 2019, the Independent Agency for Accreditation and Rating, from February 19 to February 22, 2019, an external expert committee assessed compliance of educational programs 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology of Kyzylorda State University. Korkyt Ata to standards of specialized accreditation of the IAAR (No. 10-17-OD dated February 24, 2017, fifth edition).

The report of the external expert commission (WEC) contains an assessment of compliance with the activities of Kyzylorda State University. Korkyt Ata in the framework of specialized accreditation to the criteria of the IAAR, recommendations of the EEC to further improve the parameters of the specialized profile.

Composition EEC:

1. **Chairman commissions** - Stybayev Gani Zhasymbekovich, Candidate of Agricultural Sciences, professor, S.Seifullin Kazakh agrotechnical University (Astana);

2. **Foreign expert** - Simaeva Irina Nikolaevna, d.p.s. Professor, I. Kant Baltic Federal University, expert "Guilds experts at the sphere of professional Education "(Kaliningrad, RF);

3. **Foreign expert** - Prof. Dr. Astrid Beck Esslingen University of applied sciences (Hochschule Esslingen) expert ACQUIN (Esslingen am Neckar, Germany);

4. **Expert** - Isakhova Parida Bakirovna, D.e.s., Professor, Almaty management the University (city Almaty);

5. **Expert** - Sharipov Bakhyt Zhaparovich, Doctor of Pedagogical Sciences Ph.D. Professor, International University informational technology (Almaty);

6. **Expert** - Madieva Galia Bayanzhanovna, Candidate of Pedagogical Sciences associate professor, Al-Farabi Kazakh National University (Almaty);

7. **Expert** - Abenova Helena Anatolievna, PhD, associated professor, University Narhoz (Almaty);

8. **Expert** - Safarov Ruslan Zairovich, candidate of chemical sciences, L.N. Gumilyov Eurasian National University (Astana);

9. **Expert** - Mutallyapova Shynar Eleusizovna, Ph.D., associate professor, S. Seifullin Kazakh agrotechnical University (Astana);

10. **Expert** - Zharkenova Svetlana Bahytovna, Candidate of Law, associate professor, L.N. Gumilyov Eurasian National University (Astana);

11. **Expert** - Aldungarova Aliya Kairatovna, PhD associate Professor, S. Toraigyrov Pavlodar state University (Pavlodar);

12. **Expert** - Kalshabekova Elmira Nurlybaevna, Ph.D. associate professor, M. Auezov South Kazakhstan state University (Shymkent);

13. **Expert** - Duskayev Kasym Koyanbayevich, Ph.D., associate professor, Al-Farabi Kazakh National University (Almaty);

14. **Expert** - Nurabayev Dowlen Myrzaevich, Ph.D. associate professor, M.H. Dulati Taraz state University (Taraz);

15. **Employer** - Mishukova Natalia Valentinovna, manager TOO "Child garden" Cheese Balazhan ", director branch by Kyzylorda areas Kazakhstan associations preschool organizations that member Council by protection of right entrepreneurs at SPE "Atameken" (Kyzylorda);

16. **Employer** - Nurkozhaev Bolat Zholtaevich, member Council by protection of right entrepreneurs and counteraction corruption RCE Kyzylorda (Kyzylorda);

17. **Student** - Serykzyzy Aruzhan, member Alliance of students Kazakhstan Kyzylorda areas that student of 3 course EP "5B 050600-Economy", Humanitarian and technical institute "Laws" (Kyzylorda);

18. **Student** - Mukhanbetiya Sagynysh Makhsatkyzy, member Alliance of students Kazakhstan Kyzylorda areas that student 3 of course EP "5B090500-Social Job", Humanitarian and technical institute "Laws" (Kyzylorda);

19. **Student** - Amantai Bakbergen Bauyrzhanuly, member Alliance of students Kazakhstan Kyzylorda areas that student 3 of course EP "5B070400-Computational equipment and software security", Humanitarian and technical institute "Laughs" (Kyzylorda);

20. **Student** - Ünuarbek Nursultan, member Alliance of students Kazakhstan Kyzylorda areas that student of 3 course EP "5B010800-Physical culture and sport", University Bolashak (Kyzylorda);

21. **Student** - Pirnazar Gelzat member Alliance of students Kazakhstan Kyzylorda areas that student of 2 course EP "5B011300-Biology", University Bolashak (Kyzylorda);

22. **Student** - Yerlen Yerasyl Talgatuly, member Alliance of students Kazakhstan Kyzylorda areas that student of 1 course EP "5B072900-Construction", University Bolashak (Kyzylorda);

23. **Student** - Zhinisov Nursultan Kairatuly, student of 3 course specialty Agronomy, I. Abdukarimov Kyzylorda agrarian and technical higher college (Kyzylorda);

24. **Observer from Agency** - Kanapyanov Timur Erbolatovich, PhD, head by international projects and public IAAR (Astana).



(III) REPRESENTATION OF THE ORGANIZATION OF EDUCATION

The republican state enterprise on the right of economic management “Korkyt Ata Kyzylorda State University of the Ministry of Education and Science of the Republic of Kazakhstan” (hereinafter - Korkyt Ata KSU) was established on the basis of Korkyt Ata Kyzylorda Humanitarian University and I. Jakhayev Kyzylorda Polytechnic Institute (Resolution of the Government of the Republic Kazakhstan No. 256 dated March 24, 1998).

Korkyt Ata KSU operates on the basis of the Laws of the Republic of Kazakhstan “On Education”, “On Science”, the Development Strategy “Kazakhstan - 2050: a new political course of the established state”, the State Program for the Development of Education and Science of the Republic of Kazakhstan for 2016-2019, other legal Acts of the Ministry of Education and Science of the Republic of Kazakhstan, regulating relations in the field of higher and postgraduate education, is guided by the Charter of the University, Academic Policy, Strategic Development Plan of the Korkyt Ata KSU for 2017–2021 (approved at the meeting of the Supervisory Board on 11.09.2017, Minutes No. 3).

The mission of the university is to prepare competitive and in-demand specialists with higher and postgraduate education, focused on solving the issues of industrial and innovative development in all sectors of the economy of the Kyzylorda region and the Republic of Kazakhstan.

Strategic vision: Korkyt Ata Kyzylorda State University is an innovative entrepreneurial university with high positions in national rankings, which is included in the world ranking of universities.

Educational activities of Korkyt Ata KSU under bachelor, master and PhD doctoral programs are carried out on the basis of an unlimited license (No. 12019394) issued by the Committee on the Control of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan on December 11, 2012. There are 30 departments in 7 faculties that train specialists in 64 undergraduate majors, 30 graduate majors, 9 PhD doctoral specialties.

The material and technical base of the university includes 10 academic buildings, 5 dormitories, the Palace of Students, 7 student canteens, the Seykhun sports and recreation complex, a military training ground, and a library with 6 reading rooms.

Currently, Korkyt Ata KSU has 4,611 students, 405 undergraduates, and 43 doctoral students. The educational process is carried out by 493 teachers, including 18 doctors of science, 17 PhD doctors, 198 candidates of science, 183 masters.

The university publishes the scientific journal “Bulletin of Korkyt Ata KSU”, a high-school newspaper “Syr tulegi” is published.

Korkyt Ata KSU is a member of the European Association of Higher Education Institutions (2005), the Eurasian-Pacific Network of Universities (2005), the Magna Carta of Universities (2005), the Eurasian Association of Universities (2011) and the Association of Asian Universities (2017).

In 2018, Korkyt Ata KSU entered the TOP-300 of the best universities in Eastern Europe and Central Asia according to the international QS University Rankings: Emerging Europe and Central Asia (QS EECA), ranking 273th.

According to the results of the National Rating of Demand for High Schools RK-2018, conducted by the Independent Agency for Accreditation and Rating (IAAR), Korkyt Ata KSU is in the TOP-20 of the best universities in the republic, ranking 10th.

According to the National Rating of the Republic of Kazakhstan - 2018, conducted by the Independent Agency for Quality Assurance in Education (NAOCO), Korkyt Ata KSU is ranked 9th among diversified universities of the Republic of Kazakhstan.

Training in the accredited EP (5B011300 - Biology, 5B011200 - Chemistry, 5B011600 - Geography, 6M011300 - Biology, 6M011200 - Chemistry) is carried out by the department

"Biology, Geography and Chemistry", which is a structural subdivision of the faculty "Natural Science".

Training is conducted in full-time, full-time, in absentia-distance forms, in the Kazakh and Russian languages. Beginning in 2012, according to EP 5B011300 - Biology and EP 5B011200 - Chemistry, the training of specialists in the program of trilingual education is conducted.

Training in accredited specialties at the department is carried out by 25 full-time teachers, including 1 doctor of science, 16 candidates, which makes up 68% of degree.

Currently, the contingent of students is:

on EP 5V011300 Biology day department-175, from them on grant 16, on a paid basis 159, on correspondence department 5;

according to EP 5V011200 Chemistry day department-51, of them on grant -5, on a paid basis 46;

on EP 5V011600 Geography day department - 23, all are trained on a fee basis;

on EP 6M011300 Biology - 20, of which on the grant - 17, on a paid basis - 3;

according to EP 6M011200 Chemistry - 13, of which 5 are on the grant, on a paid basis-

8.

Today, the department "Biology, Geography and Chemistry" collaborates with educational institutions (secondary schools, gymnasiums, lyceum schools, educational and innovative lyceums, NIS, colleges) and scientific research institutes (Microbiology and Virology, Institute of Rice) of the region, which are the bases of practices. The faculty of the department takes an active part in the development and implementation of modern innovative technologies, forms and methods in training. The teaching staff of accredited educational institutions regularly participates in the work of the Center for Teaching Excellence of the Nazarbayev Intellectual Schools JSC. The branches of the department have been opened and are successfully operating on the basis of the NIS HBN of Kyzylorda and on the basis of the Research Institute of Microbiology and Virology.

Educational programs 5B011300 - Biology, 5B011200 - Chemistry, 5B011600 - Geography of the department "Biology, Geography and Chemistry" annually participate in the National ranking of educational programs. For example, according to the results of the National rating for 2016 conducted by IQAA, EP 5B011200 - Chemistry takes 4th place, EP 6M011200 Chemistry - 4th place, EP 5B011300 Biology - 3rd place. In the same year, according to the Independent Agency for Accreditation and Rating of the IAAR, EP 6M011300 - Biology among the higher educational institutions of the Republic of Kazakhstan took the 3rd place.

According to the results of the ranking of 2017 conducted by IQAAA, 5th place was taken by EP 5B011300-Biology and 6M011200-Chemistry, 4th place was taken by EP 6M011300-Biology and EP 5B011200-Chemistry.

According to the results of the 2018 ranking conducted by the NKAOKO, EP 5B011300 - Biology and EP 5B011200 - Chemistry took 4th place, and EP 6M011300 - Biology took 3rd place (<http://korkyt.kz/index.php/ru/universitet/rejting>).

Graduates in EP 5B011300 - Biology, 5B011200 - Chemistry, 5B011600 - Geography, 6M011300 - Biology, 6M011200 - Chemistry are employed in educational institutions (secondary schools, gymnasiums, lyceums, educational and innovative lyceums, NIS, colleges) and the Research Institute of Microbiology and Virology, Institute of Rice.

The average employment rate of graduates of the last three years (2016-2018) is: for EP 5B011200-Chemistry - 78.9%, 6M011200-Chemistry - 100%, 5B011300-Biology - 73.7%, 6M011300-Biology - 88.6 %, 5B011600-Geography - 91.6%. The number of unemployed includes graduates who have continued training in post-graduate professional education programs (magistracy) and undergoing military service in the ranks of the Armed Forces of the Republic of Kazakhstan.

In the framework of the foreign history of the world of the world EP 5V011300-Biology in 2016-2017, Aldebay Albina and Abilkasym Maryam were trained in Erzurum, Turkey (table 6.3, Annex to report 6.2).

The main directions of the research work of the department and the topics of scientific research of the teaching staff of the EP in the reporting period:

- Monitoring the restoration of man-made oil-polluted ecosystems, 2 138 700 tenge, 2012-2014.

- Assessment of fertility of irrigated saline soils of the Aral Sea region by the method of ecological and geographical monitoring, 2 333 300 tenge, 2012-2014.

- Prospects for the use of extracts of the medicinal plant Camel Spines in the prevention and treatment of the initial form of atherosclerosis, 292,000,000 tenge, 2014-2016.

- Monitoring of flora and vegetation of the coastal zone of the North-Eastern Caspian Sea region, 15,000,000 tenge, 2015-2017

- Development of a biotechnological method for the production of a biocomposite to increase crop yields and increase soil fertility, in the Aral Sea region, 21,000,000 tenge, 2015

- The introduction of effective technologies of primary seed production for the restoration of local melon varieties of Kazakhstan's Priaralie and an integrated system of protection against harmful organisms, 4,950,000 tenge, 2016

- Development of multienzyme biosensors based on polymeric material. The manufacture of an experimental sample instrument-analyzer with polymer enzyme sensors for the determination of two metabolites in biological fluids, 10 000 000 tenge, 2018-2020.

During the reporting period, 120 articles published by academic staff in scientific journals, of which 8 were published.

(IV) DESCRIPTION OF PREVIOUS ACCREDITATION PROCEDURE

Educational programs 5B011300 - Biology, 5B011200 - Chemistry, 5B011600 - Geography, 6M011300 - Biology, 6M011200 - Chemistry are accredited to the IAAR for the first time.

(V) DESCRIPTION OF THE EEC VISIT

The work of the EEC was carried out on the basis of the approved Program of the visit of the expert commission on specialized accreditation of KSU. Korkyt Ata from February 19 to February 22, 2019.

In order to coordinate the work of the EEC on February 18, 2019, an orientation meeting was held during which powers were distributed among the members of the commission, the schedule of the visit was clarified, and agreement was reached on the choice of examination methods.

In accordance with the requirements of the standards, the program of the visit covered meetings with the acting. rector, vice-rectors, heads of departments, deans, heads of university departments, teachers, students, graduates, employers and employees from various departments, interviewing and questioning teachers and students. A total of 268 people took part in the meetings (table 1).

Table 1- Information about employees and students who took part in meetings with the EEC IAAR

Category of the participants	amount
And about. p and Héctor	1
Vice Rector	3
Executives structural divisions	23
Deans of faculties	5
Departaments Chairpeople	9
Teachers	21
Students	52
Graduates	91
Employers	64
Total	268

During the excursion, the EEC members familiarized themselves with the state of the material and technical base, visited the exhibition hall of the National Research Center "Archeology and Ethnography", the training hall "President and Independent Kazakhstan", the scientific and technical library, the SEYHUN sports complex, hostel No. 5, greenhouse, 5 chemistry laboratories, 6 biology laboratories and 4 geography laboratories.

Events planned during the visit of the EECAAA contributed to familiarizing experts with the EP 5B011300 - Biology, 5B011200 - Chemistry, 5B011600 - Geography, 6M011300 - Biology, 6M011200 - Chemistry bases: Chemistry: The expert group visited the Nazarbayev Branch of the Intellectual School of Chemistry and Biology, LLP "Kazakh Research Institute of Rice named after I. Zhakhayev", school-lyceum №3.

WEC members attended training sessions:

- on the discipline "Geomorphology", the topic "The role of tectonic movement in relief formation", group G-17-1, 1 course, specialty 5B011600-Geography, master of geography Toktaganova G.B. Audience number 203, equipment: projector, interactive whiteboard, model of relief, tectonic and physical maps; applied teaching methods: presentation, problem questions and tasks;

- on the subject "Fundamentals of Tourism and Local History", the topic "Tourism Resources of the Republic of Kazakhstan", group G-17-1, 1 course, specialty 5B011600-Geography, Ph.D., Art. Aydarova OT, room 407, equipment: maps, atlas of Kazakhstan; applied teaching methods: presentation, conversation,

- on the subject "Organikalyk chemistry negizderi", the topic "Alkanes", group X-17-1 (polylanguage-pb), 1 course, specialty 5B011200-Chemistry, Ph.D., and. assoc. prof. Narenova S.M., room №306, equipment: projector, interactive board, handout;

- on the discipline "Elementter Chemistry", the topic "Kykirt, selenium zhane tel tellurdin kasietteri", group HB-18-3, 1 course, specialty 5B011200-Chemistry, Ph.D., prof. Tapalova A.S. audience №308, equipment: projector, interactive board; applied teaching methods: presentation;

- on the discipline "Biological systems and the environment" (Biological systems and the environment), the topic "Autecology (Autecology)", group B-17-1 pb, 1 course, specialty 5B011300-Biology, Dr. Biol. prof. Ibadullaeva S.Zh., auditorium №202, practical lesson, equipment: projector, interactive whiteboard, presentation; applied teaching methods: group work, poster protection, reflection.

In accordance with the accreditation procedure, 102 teachers, 143 students, including students of junior and senior courses, were surveyed.

In order to confirm the information presented in the self-assessment report by external experts, the working documentation of the university was requested and analyzed. Along with this, the experts studied the university's Internet positioning through the official website of the university <http://www.korkyt.kz>.

All conditions were created for the work of the EEC, access to all necessary information resources was organized. On the part of the team of Korkyt Ata KSU, the presence of all persons indicated in the visit's program was ensured, in compliance with the established time period.

As part of the planned program, recommendations for improving accredited educational programs of the Korkyt Ata KSU, developed by the EEC based on the results of the examination, were presented at a meeting with the management on February 22, 2019

(VI) CONFORMITY TO SPECIALIZED ACCREDITATION STANDARDS

Standard "Management of the educational program"

The evidence part

Educational activities EP 5B011300 - Biology, 5B011200 - Chemistry, 5B011600 - Geography, 6M011300 - Biology, 6M011200 - Chemistry is carried out on the basis of the state license (No. 12019394, December 11, 2012, annex to license No. 0.16. 01/15/2015) issued by the Committee on the control in the field of education and science MES RK. Training in accredited EPs is implemented in full-time, daytime accelerated, in absentia-distance forms in the state and Russian languages, and since 2012, under EP 5B011300 - Biology and EP 5B011200 - Chemistry, training of specialists in the program of trilingual education has been conducted.

The results of participation of accredited EPs in the ratings are published on the websites <http://korkyt.kz/index.php/ru/universitet/rejting>, <https://iqaa-ranking.kz/> and <http://www.iaar.kz>.

OP 5B011300 - Biology, 5B011200 - Chemistry, 5B011600 - Geography, 6M011300 - Biology, 6M011200 - Chemistry is implemented in accordance with the vision, mission and Strategic Development Plan of the Korkyt Ata KSU. The Commission notes that the publication of the mission (<http://korkyt.kz/index.php/ru/universitet/missiya>), the strategy and quality policy (<http://www.korkyt.kz/index.php/ru/universitet/politika-v-oblasti-kachestva>) in open access on the website of the university. The Commission notes that the university has a developed quality assurance culture based on the continuous improvement of the educational process, research activities, and implementation of innovative projects.

The strategic development plan of the Korkyt Ata KSU for 2017–2021 is presented on the university's website (<http://www.korkyt.kz/index.php/ru/universitet/strategicheskij-plan-razvitiya-universiteta>) where the development vision is consolidated and consolidated University.

The implementation and development of accredited programs is determined both by the mission, vision, development strategy of the university, and by the Plans for the development of educational programs (Appendix 1.9, Appendix 1.10, Appendix 1.11).

The administration of EP attracts representatives of employers to determine the directions of development of educational programs and their management.

The effectiveness of the development plan of the EP is ensured by the responsibility of the faculty for the final results, delegation and separation of powers, posting information on the university website.

To manage business processes, the University is guided by the standards and directives of the ECTS and uses a Quality Management System that meets the requirements of international standards. To support the main business processes at the university, a set of internal regulatory documents has been developed that regulates the implementation of the EP (<http://www.korkyt.kz/index.php/ru/obuchenie/normativnye-dokumenty>).

The traditional management mechanisms that regulate employee relations throughout the management vertical are the Code of Professional Ethics adopted by the University at KSU. Korkyt Ata, Code of Academic Integrity, which reflect the requirements of corporate culture, tolerance, academic integrity.

The necessary information, personnel, financial and material and technical resources, as well as regulatory and legal documentation, ensuring the implementation of educational programs, are available to manage the EP.

The management of EP operates on the principles of openness and accessibility for students, teaching staff and employers. For the development and regular adjustment of EP, Academic Councils are created, which include teachers of these EP, practitioners of the relevant field, as well as students. The representativeness of employers involved in the design and implementation of each educational program is demonstrated. Mechanisms for the formation, revision and monitoring of the implementation of EP are described in the Academic Policy, section "Guidelines for the development and examination of educational programs." Employers submit their reviews on the curricula of these EPs and make suggestions. Thus, Table 2 presents the list of elective disciplines developed at the initiative of employers.

Table 2 - Disciplines recommended by employers

EP	Title disciplines	Company / Employer
5B011300 Biology	1. Constructive learning methods 2 Methods of teaching biological disciplines by updated content of education 3 Biological terminology (in English)	1. Regional branch of TsPM 2. A.B. Izbasova - director of lyceum №5 them. I. Panfilov year Kyzylorda 3. Orgaraeva G.A. - School № 278, year Kyzylorda
6M011300 Biology	1. Interactive methods learning	1. A.B. Izbasova - director of lyceum №5 them. I. Panfilov year Kyzylorda
5B011200 Chemistry	1. Constructive learning methods 2 Teaching chemistry on english language 3 Chemical terminology (in English)	1. Regional branch of TsPM 2. A.B. Izbasova - director of school-lyceum №5 them. I. Panfilova year Kyzylorda
5B011600 Geography	1. Constructive learning methods 2 The basics natural science	1. Regional branch of TsPM 2. Z. Zhamankulov - director of lyceum school №42 them. K. Baimaganbetova, Syrdaryinsky area, p. Amangeldy

At the beginning of each academic year, responsible persons are appointed for the main business processes for the development and implementation of EP, which is enshrined in the minutes of the department meeting (Extract from the minutes of the department - Appendix 1.1).

Information systems and feedback from the university, communication channels with employers, parents and stakeholders KSU them. Korkyt Ata is provided through the functioning of:

- the official website of the University;
- Rector's blog;
- blogs of vice-rectors.

The site of the university contains information about the department that implements the accredited educational institutions (<http://korkyt.kz/index.php/ru/component/k2/item/433>), contact details of the dean of

the faculty, head of the department and teaching staff of the department. Information about the department, implemented by the study program, the head of the department, faculty is available and open to students and visitors.

The university provided confirmation that the EP management had completed training in educational management programs, in particular "Teaching Techniques Development" (The Universitat Politècnica de València, Valencia, Spain, 2015), a training course for trainers in the educational program for the training of pedagogical personnel developed on the basis of training programs for pedagogical staff of the Republic of Kazakhstan in the Nazarbayev Intellectual Schools JSC "TsPM" (2017, 2018 Appendix 7.1).

Analytical part

The EEC Commission notes that work is underway in the field of the quality of the educational services provided, and the University's website presents the document "Quality Policy of KSU. Korkyt Ata " (<http://www.korkyt.kz/Imdo/Docs/Policy>), but at the same time, the EEC draws attention to the fact that it does not clearly reflect the relationship between research, teaching and learning and the document needs to be improved and updated.

The EEC notes that there is a uniform form for the university of the EP Development Plan, but at the same time, the formalism can be traced when developing this plan, it is necessary to develop an EP development plan based on measurable criteria and indicators to more clearly present its implementation and ensure the attainability of goals. The management of the accredited programs demonstrated the monitoring of similar EPs of higher educational institutions of the Republic of Kazakhstan, but there is no monitoring of the best practices of international universities implementing similar programs. The uniqueness and advantages of EP 5B011300 - Biology, 5B011200 - Chemistry, 5B011600 - Geography, 6M011300 - Biology, 6M011200 - Chemistry are not sufficiently represented.

In the course of acquaintance with the provided documentation, the commission did not find regulatory documents that clearly describe the areas and areas of responsibility for the implementation of business processes within the EP.

In the process of interviewing, WEC revealed that EP management and employees take certain steps to prevent implementation risks of EPs based on paragraph 2.1 "Risk Management" of the Strategic Development Plan of the Korkyt Ata KSU (<http://www.korkyt.kz/Imdo/Docs>) However, it is necessary to study this document in more detail, taking into account the updating of the changing market realities.

The EEC notes the lack of documented mechanisms for managing innovation in the framework of the EP, but does not deny the availability of innovative developments and educational methodologies in the implementation of the EP. Including the presence of a modern scientific laboratory engineering profile "Physico-chemical methods of analysis." In addition, a scientific and educational center named after TD was established at the Faculty of Natural Science. Kuanyshbaev (Minutes of the Academic Council of the Korkyt Ata State University No. 9 of April 16, 2018) by attracting external funding (the T. Kuanyshbaev private research and educational Foundation). In the structure of the center: "Educational laboratory in physical and biological chemistry" and "Laboratory of applied chemical and biological research."

The university provided information on the results of the last external quality assurance procedure (IQAA, 2013), proposed recommendations on the results of past accreditation, as well as decisions and activities aimed at implementing the recommendations.

According to the results of the PPP survey:

- 99% are satisfied with the feedback from the faculty with the management;

- 98% highly appreciate the support of the university and its leadership in the development of new educational programs;
- 97% positively appreciate the support of the university and its leadership in research and development activities of teaching staff.
- According to the results of the survey, the level of availability and responsiveness of the university management is “fully satisfied” - 69.6%, “partially satisfied” - 28.4% of students. Only 3% are not happy with the encouragement of innovative activities of teaching staff, and 7.9% are low on the perception of criticism by the management and administration of the university.

Strengths / best practice for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

- Ensured the active participation of representatives of stakeholders (employers, teaching staff, students) in the collegiate management bodies of the EP, as well as their representativeness in making decisions on the management of the EP, leading to concrete results in the development of the EP.

Recommendations VEC for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

1. Develop a clear procedure for monitoring the development and implementation of EP, identifying measurable indicators for assessing the achievement of learning goals, and expected results.
2. Clearly distribute the responsible teachers for the business processes of development and implementation of EP.
3. Systematically analyze and compare educational programs to be accredited with similar programs at the national and international levels in order to identify strengths and weaknesses and determine the uniqueness and individuality of our own EPs.
4. Systematize the assessment of the risks of the development of the EP and develop a mechanism for reducing them, including such factors as the development and improvement of the EP, risk management, monitoring, decision-making based on facts.
5. To determine the mechanism of innovation management and implementation of innovative proposals in the framework of the EP.

Conclusions VEC on the criteria of the standard "Management of the educational program" for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology: strong - 1, satisfactory - 11, requiring improvement - 5.

Standard Information Management and Reporting

The evidence part

The University implements information management processes, including the collection and analysis of information: the Office of Information Technology and the commercialization of scientific research, in the framework of which activities are underway to develop the corporate network of the university's information and telecommunications system. The corporate network is designed to integrate the computers of the university into a single information and computing system in order to make rational use of hardware resources, provide wide access to corporate databases, introduce new technologies to manage all areas of the university, new learning technologies and monitor student progress.

The following information technologies are implemented in the university's management activities:

1. The official website of the university (<http://korkyt.kz>) is an important source of information about KSU. Korkyt Ata for students, their parents, teachers, staff, potential employees, applicants, employers, graduates and the community as a whole.

2. The information system "PLATONUS" (<http://platonus.korkyt.kz/>) is designed to provide effective information support for the management processes of the education system, and also provides for the management of the educational process at KSU. Korkyt Ata.

3. The electronic portal E-Univer (<http://e-univer.korkyt.kz/>), is an aggregator of information systems and includes such sections as electronic document management, rector's blog, government services, blogs of department heads, IP "Dean's office", IS "Department", IS "Teacher", IS "Student", IS "Entrant", "Electronic library".

Monitoring of the implementation of EP is carried out through regular collection of reports at all levels of the structure, including minutes of meetings of the academic council, minutes of meetings of the scientific and methodological council, annual report of the department, report of the department on scientific work, report of the department on educational work, quality assessment UMKS, UMKD, educational methodical and material and technical support of EP, readiness of educational and laboratory base of EP, etc., as well as through questioning students, employers and graduates in the degree of satisfaction receive educational services.

Evaluation is made in all areas of educational, educational, informational, scientific, educational activities and material and technical support of the educational process. Evaluation of activity is a continuous process and is held at meetings of the Academic Council, the administration, faculties and departments, scientific and methodological council and is issued in the form of protocols. Evaluation of EP activities is carried out by students, as the main consumers of educational services. The frequency, forms and methods of evaluating the management of EP, the activities of collegial bodies and structural divisions, the implementation of research projects are established by the university within the framework of academic policy (2016), in the regulations on the academic council, scientific and methodological council (<http://korkyt.kz/index.php/ru/obuchenie/normativnye-dokumenty>).

The procedure for ensuring the protection of information in KSU. Korkyt Ata is monitored by the network administration and information security department. During the commission, it was established that in order to ensure the security of the university's information systems, the server part of the university's information infrastructure was transferred to the platform of the current version of Windows Server. For the convenience of users with the used application and server services, a single user registration on the Active Directory server has been introduced. The university has a mail server, for organizing the operation of corporate mail with access to the external environment, there is also a server that provides Internet access to the entire intranet. Employees of the department regularly monitor the operation of corporate database servers to ensure wide access to them, the introduction of new information technologies.

For monitoring the implementation of EP and the implementation of corrective actions at the university, questionnaires, audits, surveys are also actively used. Monitoring the effectiveness of the quality assurance system is carried out through internal audits, expert evaluation of methodological support, evaluation of activities and consideration of issues on collegial bodies. During the interview, it was found that the "Department of strategic planning, monitoring and quality management" KSU them. Korkyt Ata each academic period conducts a survey of faculty and students on the quality of teaching, security of working conditions, etc. Questionnaires used for the survey: "The

teacher through the eyes of the student”, “The quality of the educational process”, “The satisfaction of the student with the training”, “The satisfaction with the organization of work experience”, etc. (Appendix 2.3-2.12). The results of the survey are statistically processed, discussed at the meetings of departments, the Council of faculties, the administration and are taken into account in the further planning of educational activities. Within the framework of these mechanisms, the effectiveness and efficiency of the fulfillment of goals, deviations from the set goals are determined. If necessary, decisions are made or plans are developed to improve the quality of education and improve educational activities. As a result of the PPP survey, 78.4% of respondents expressed complete satisfaction with their participation in management decision making.

All interested persons have the opportunity to make an appointment with the rector, and vice-rectors according to the approved schedule of receptions. There is an opportunity to address with working questions to the vice-rectors and heads of departments in the working mode without prior appointment. In addition, anyone can contact the rector personally through his blog on the university website <http://e-univer.korkyt.kz/Blog.aspx>. Also, there are blogs of heads of departments (vice-rectors) (<http://e-univer.korkyt.kz/Default21.aspx>). This demonstrates the availability and openness of management and its attention to the development of feedback from stakeholders.

The mechanism for managing conflicts of interest and relationships includes: familiarizing faculty, staff and students with the provisions of internal regulatory documents, requirements for the organization of the educational process, the main areas of work of structural units, internal regulations, etc.; creating a corporate culture based on equality of rights and obligations of employees, teachers and students, respecting their personal dignity. The University has a Public Commission, whose main task is to strengthen labor, academic and executive discipline (Academic policy. Rules on the public commission to combat corruption and other offenses in the field of educational activities of the Korkyt Ata KSU [http://korkyt.kz/index.php / en / obuchenie / normativnyedokumenty](http://korkyt.kz/index.php/en/obuchenie/normativnyedokumenty)).

The university annually collects and analyzes information in the context of EP on the dynamics of the contingent of students, level of academic performance, students' achievements, safety of the contingent, students' satisfaction with the implementation of EP and the quality of training, employment and career growth of graduates. This information is provided in the framework of the regular reporting of the department and is analyzed during the review at meetings of the collegial bodies of the university management (Annual report of the department).

The EEC notes that EPs are provided with all the necessary information in relevant fields of science, as evidenced by the availability of a library fund (<http://korkyt.kz/ntb/>), access to international scientific databases (Web of Science, Scopus, Springer), open access to electronic library systems (EBS Lan (annual subscription to the section "Engineering and Technical" sciences), RMEB, KazNEB). In addition, during the inspection of the material and technical base and hostels it was revealed that there is free access to WiFi throughout the territory, which was also confirmed during interviewing of students and teaching staff.

During the student survey, 81% of respondents were completely satisfied with the support of educational materials in the learning process, 84.6% were completely satisfied with the level of availability of library resources, 75.5% were completely satisfied with the existing educational resources of the university, 67.1% were completely satisfied with the availability of computer classes and Internet resources 76.9% completely agree that the library is well equipped and has a fairly good collection of books.

Analytical part

According to the analysis of compliance with the criteria of the “Information Management and Reporting” standard for the accredited EP, the commission notes the following: the university has an information and reporting management system. Most of the information is stored in electronic format, which significantly reduces some of the risks. Widely used are the results of processing information of a higher education institution based on the results of recruitment, progress, contingent movement, number of graduates, financial resources, staffing, number of publications, business trips, agreements with foreign universities, etc., which are presented in the regular reports of the relevant services to the Rector and Academic Council, at the request of the MES RK, etc.

However, the EEC, after analyzing the activities of the university in the field of information management, showed the lack of automated systems for analyzing, managing information and processing large amounts of data based on the use of modern ICT and software. The implementation of these decisions can enhance the capabilities of the university in the operational control and management of the EP, as well as in making decisions aimed at the development of the EP.

Further, during the audit, the current best practices for assessing the effectiveness and efficiency of the university during the implementation of the EP were not presented.

The university did not provide the presence of documentary evidence of the consent of students, employees and teaching staff to the processing of personal data, which should be reflected in the relevant document and be in the personal files of employees, teaching staff and students.

Strengths / best practice for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

- Information management and analysis processes have been introduced in the context of EP: about the dynamics of the contingent of students, level of academic performance, students' achievements, safety of the contingent, students' satisfaction with the implementation of EP and the quality of education, employment and career development of graduates, which is an important factor for the development of EP.

Recommendations VEC for EP 5V011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

1. To improve the functioning of the system for collecting, analyzing and managing information based on the use of modern ICT and software devices.
2. To provide documentary evidence of the personal consent of students, employees and teaching staff to the processing of personal data.
3. Develop procedures for assessing the effectiveness and efficiency of activities under the accredited EP.

Conclusions VEC on the criteria of the standard “Information Management and Reporting” for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology: strong - 4, satisfactory - 10, requiring improvement - 3.

Standard "Development and approval of the educational program"

The evidence part

The University defines the procedure for the development, approval and examination of educational programs (<http://www.korkyt.kz/index.php/ru/obuchenie/normativnye->

dokumenty). The structure, procedure for the development, revision, examination of educational programs are determined by the Department of Academic Affairs of the Korkyt Ata KSU in consultation with employers.

The process of developing and approving an educational program includes the following steps:

1. Market monitoring, analysis of opinions and recommendations of employers, the study of the requirements of the standard of pedagogical specialties and other standards in the areas of preparation, the study of trends and experience in the development of educational programs in domestic and foreign universities;
2. Development and discussion of the initial version of the educational program, which is considered at the meeting of the department with the involvement of specialists, practitioners and graduate students;
3. Obtaining expert evaluation: internal (Academic Council) and external (employers);
4. Revision of the content of the educational program based on the results of expert evaluation;
5. Approval of the educational program.

Educational programs are approved at a meeting of the Scientific and Methodological Council of the University by the Vice-Rector for Academic Affairs, the first Vice-Rector of Korkyt Ata KSU.

Responsibility for the quality of educational programs is the graduating department.

For all the accredited EPs, Graduate Models have been developed, which reflect the general (intellectual, communicative, social) and professional competencies, as well as the trajectory of professional orientation.

The faculties have established Academic Councils on EP management, consisting of teachers of the department, employers and students, at meetings of which the content of EP, directions of their development, working curricula of EP, content of UMCD, topics of diploma and master's works, etc. are discussed. The external experts are the heads and heads of the educational process of schools, lyceums, NIS, heads of the Rice Research Institute, the National Center for Expertise and Certification (OP Chemistry) with extensive experience in the specialty and who have made significant contributions to the education and development of relevant industries in the region. Evaluation of the quality of educational programs is carried out through a critical analysis and examination of the developed programs with the participation of employers for compliance with the needs of the labor market, the use of educational technologies, including methods for assessing students' achievements, and also taking into account the relevance of this program.

Educational programs are developed on the basis of and in accordance with the Law of the Republic of Kazakhstan "On Education" dated July 27, 2007 No. 319-III 3PK (with changes and additions as of 03/12/2015); State compulsory standard of higher and postgraduate education, approved by the Government of the Republic of Kazakhstan dated August 23, 2012 №1080 (as amended by the Government of the Republic of Kazakhstan dated May 13, 2016 No. 292); State Classifier RK 01-99 "Classifier of Occupations", approved and enacted by the Decree of the Committee on Standardization, Metrology and Certification of the Republic of Kazakhstan of October 16, 1999 No. 22; The national qualifications framework, approved by a joint order of the Minister of Education and Science of the Republic of Kazakhstan dated September 28, 2012 No. 444 and the Acting Minister of Labor and Social Protection of the Population of the Republic of Kazakhstan dated September 24, 2012 No. 373--m; Professional standards in areas of activity; Rules for the organization of the educational process on credit technology of education, approved by order of the MES of RK dated April 20, 2011 No. 152 (with changes and additions as of January 28, 2016).

All EPs of this cluster are provided with educational and methodical documentation and have the following structure:

Title page

1. Passport of the educational program

1.1 List of qualifications and positions

1.2 Qualification characteristics of the graduate of the educational program

2 The purpose and objectives of the educational program in the specialty

3 Graduate competencies in the specialty

4 Content of the educational program in the specialty

4.1 Model curriculum

4.2 Module Description

4.3 General competencies generated by the educational program

4.4 Summary table reflecting the amount of credits disbursed in the context of the modules of the educational program (Academic policy, section "EP structure").

Annual update EP is 30%. EP management guarantees the representativeness of stakeholders involved in the formation and revision of the development plan of the EP.

In accordance with the State Educational Standard of the Republic of Kazakhstan, the curriculum maintains the ratio of the volume of disciplines of OOD cycles, BD, and major disciplines. The EP displays a logical sequence of mastering cycles, disciplines, practices, final certification, ensuring the formation of general and special competencies.

The labor intensity of cycles disciplines in Kazakhstan and ECTS credits, as well as in hours, with the allocation of lectures, laboratory, practical (seminar) classes, independent work of students under the guidance of a teacher and independent work of the student, all types of professional practice, intermediate certification are indicated.

Planning and organization of educational activities at the university are carried out on the basis of curricula. Curricula are divided into standard (TUPI), individual (IEP) and workers (RUE). In TUPI determined the complexity of each academic discipline compulsory component and each type of educational activity (practice, state examinations, writing and defending a thesis) in the credits, and the component of choice for each cycle of academic disciplines is indicated by the total number of credits.

The content of all academic disciplines is determined by the standard curriculum (TUPr) and the working curriculum (Syllabus), TUPr are approved by the republican educational and methodical associations. Syllabus is developed in all disciplines of the curriculum, reviewed by the Academic Council and approved by the dean of the faculty. Syllabus disciplines of choice is developed on the basis of the curriculum approved by the academic council of the faculty.

In addition to the TUPI, catalogs of elective disciplines (QED) are compiled annually, the content of the catalog is coordinated with employers (city education department), with the Academic Council of the EP and approved by the dean of the faculty. QED contains prerequisites, post requisites, a brief description of the disciplines, goals, competencies and expected results. QED is available at the departments and on the educational portal (<http://www.korkyt.kz/index.php/ru/component/k2/item/650>).

After the procedure for the selection of disciplines on the basis of TUPI and QED is formed an individual student curriculum - IUP. On the basis of the TUPI and IUP of the student, the working curriculum of the specialty - RUP.

An important role in the training of specialists, namely in the development of their professional competencies, is played by various types of practices: training (introductory), pedagogical, which are held annually, in each course. Students take professional teaching practice in the university departments, as well as on the basis of the department's partners:

for EP 5V011300 "Biology" the main bases of practice are: School-Lyceum №35 named after. I. Toktybaev, lyceum school № 36 named after A. Tazhibayev, № 11 lyceum school, lyceum school № 264 named after A. Tazhibayeva T. Esetova, School-lyceum №136 them. T. Zhurgenov, lyceum № 5 named after I. Panfilov, secondary school № 278, Kyzylorda, NIS

KhBN; for the magistracy of this SP in addition to the above - RII them. Y Zhakhaeva, a branch of the Research Institute of Microbiology and Virology;

for EP 5V011200 "Chemistry" the main bases of practice are: JSC "National Center for Expertise and Certification" Kyzylorda branch, RSE REM "National Center for Expertise", IT Lyceum School № 3 named after S. Tolybekova, Obl. boarding school for gifted children №4, NIS KhBN, school №233 them. J. Nurseitov, for the master's program of this SP in addition to the above - the University "Bolashak", the Humanitarian-Technical Institute "Akmeshit";

for GP "Geography" the main bases of practice are: School-Lyceum №35 them. I. Toktybaeva, school-lyceum № 11, school-lyceum №42 them. K. Baimaganbetova, Syrdarya district, Amangeldy, Lyceum School № 5 named after I. Panfilov.

The department aims to work closely with employers, practitioners, based on the conclusion of contracts, memorandums, round tables, seminars, and open meetings of departments with the participation of stakeholders on the formation of educational programs, their further development, taking into account new trends and market demands.

Analytical part

As a result of the analysis of the submitted documentation, the commission noted that pre-and post-requisites, goals, a summary of the discipline, expected learning outcomes and competences by disciplines are presented in QED, but at the same time it was revealed that the expected learning outcomes and competencies are not specified, are summarized without taking into account the specifics of the studied disciplines.

Analysis of the documents studied, as well as the results of the interviews with faculty members, students and employers, allow us to conclude that they are actively involved in the process of forming educational programs. At the same time, in the process of analyzing the submitted documentation, the commission concluded that the changes and new trends in the labor market, the challenges of modern society, the need for students to obtain additional competencies are not sufficiently taken into account in the content of academic disciplines. In this regard, there is a need to update the content and content of the EP by elective courses, for example, students suggested to include: "The Basics of Entrepreneurship", "Business Law", "Introduction to Finance". The OD of the magistracy should be strengthened with disciplines that form research skills. It can also contribute to the better preparation of students of accredited EP for professional certification.

The EEC notes that such OPs are being monitored by domestic universities, but to a lesser extent, such EPs of foreign universities are monitored, which can help identify international partners and expand international relations in the development of joint EPs, especially since teaching staff traveled abroad to improve their professional skills..

A survey of faculty members, conducted during the visit of the EEC of the IAAR, showed a fairly high estimate (67.6%) of the university management's attention to the content of the AP. The content of the EP "very well" meets the needs of the faculty - 60.8%, "good" - 38.2%.

The survey of students showed that the level of responsiveness to feedback from teachers regarding the educational process is fully satisfied - 72%; partially - 25.9%; completely satisfied with the quality of teaching - 76.9%, partially - 18.9%

Strengths / best practice for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

- EP development procedures are clearly documented, institutional approval procedures are shown, periodic 30% update of educational programs;

- Adaptation of the EP to the recognition of its labor intensity for all parameters of the Bologna process is presented, the qualification obtained upon completion of the EP is clearly defined and corresponds to a certain level of the NSC.

Recommendations VEC for 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

1. To specify the goals, the expected learning outcomes and competencies for the content of educational disciplines of the EP in accordance with their specificity and level of training.
2. Consider the possibility of inclusion in the EP of disciplines that form additional competencies of students, such as "Basics of Entrepreneurship", etc. Consider the possibility of preparing students for professional certification.
3. Expand international relations in the direction of developing joint educational programs with foreign educational organizations.

Conclusions VEC on the criteria of the standard "Development and approval of the educational program" for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology: strong - 2, satisfactory - 8, requiring improvement - 2.

Standard "Continuous monitoring and periodic evaluation of educational programs"

The evidence part

The university has determined the procedure for monitoring, analyzing and revising the EP. The control of the EP provides for the evaluation of curricula, work programs and methodological developments in the context of disciplines (Minutes No. 1 of September 4, 2018). Twice a year, the department's documentation is checked for compliance with the quality management system standards. In the regulatory documents governing the educational process, the requirements for forms of education (full-time, distance), at the levels of education (bachelor, master) are given.

This process is triggered by: the need for regular updating of the PD; changes in the requirements of consumers and other interested parties; requirements of international and national quality assurance standards; organizational and administrative documents. The university has a model for monitoring the quality of EP (Fig. 4.1 self-report) and a model for periodic assessment of the EP (Fig. 2 self-report).

The report on the self-assessment of the university provides the necessary information on the issues of continuous monitoring and periodic evaluation of the educational programs of the accredited cluster. The working groups on the development plan of the EP of the department analyze the content of similar programs of the following universities: Moscow City Pedagogical University (MGPU), Federal State Budgetary Educational Institution of Higher Education "Orenburg State University".

Assessing technologies and tools include measurable indicators: monitoring of current performance and final assessment. External and internal mechanisms are used to assess the EP. Quality assessment of the implementation of EP is carried out in the framework of the general system of monitoring the quality of education. Evaluation mechanisms are supervised attendance of classes, sociological surveys of participants in the educational process, feedback from external heads of practitioners, opinions of chairmen of state attestation commissions, as well as analysis of performance indicators, residual knowledge, and final state attestation. To determine the level of satisfaction of domestic needs, students, teachers and university staff are surveyed. The departments systematically monitor the workload of teaching staff, student performance and graduate employment.

The department systematically monitors the achievements of science according to the profile of the programs being accredited, which makes it possible to make timely

changes to the EP. Monitoring is carried out by the faculty of the departments and makes proposals for discussion of the meeting of the department and the Academic Council of the specialty, which determines the need to change the content of the curriculum and disciplines. Teachers and students have the opportunity to influence the content and form of EP.

In the development of elective courses and for the formation of professional competencies in students, new disciplines were introduced taking into account the requirements of the market and the wishes of interested parties (Table 2).

Constant monitoring and periodic assessment of the accredited EPs is carried out taking into account the proposals of students participating in the selection process and the formation of a list of elective disciplines, the development of topics for master's work, as well as the opinions and suggestions of students and employers on the basis of professional practice. The demand for graduates in the labor market and the recognition by employers of the quality of specialist training are also taken into account. EP renewal is made in accordance with the requests of employers, which is reflected in the catalog of elective disciplines for the corresponding academic year, QED is agreed by employers and approved by the dean of the faculty.

All activities to control the quality of the educational process, held at different levels, are recorded in the form of records, reviews, references, reports, etc., and are discussed at the meetings of departments, at the Academic Council, University Academic Council. Based on the analysis and evaluation of monitoring indicators, measures are being developed to improve the quality of EP implementation.

Analytical part

The university management demonstrated its openness and accessibility for students, teaching staff, employers: reception hours were determined on personal issues, traditional feedback forms are used as a communication channel for innovative proposals: meetings with the management and the Rector's blog.

The Commission notes that the university provides a systematic review of the content and structure of educational programs, as well as an external peer review with the involvement of employers.

At the same time, the commission, during the analysis of the criteria of this standard, revealed that after completion of all procedures for making adjustments / changes in the EP, not all interested parties are informed about upcoming corrections / changes in the EP. Information about the changes does not appear on the university website in time.

In the process of questioning the faculty at the question "Rate the level of feedback of the faculty with the management", 46.1% said "Very good", 52.9% "Good" and only 1% "Very bad". To the question Evaluate the accessibility of university management to teachers: 69.6% were noted as "Very Good", 28.4% "Good" and 5.9% "Relatively Bad".

Strengths / best practice for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

- Within the framework of this standard, no strengths have been identified.

Recommendations VEC for 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

1. Systematically carry out work on updating the EP, with the publication of all changes on the website of the university, with the involvement and information of all interested parties.

Conclusions VEC on the criteria of the standard "Continuous monitoring and periodic evaluation of educational programs" for EP 5B011200 - Chemistry, 5B011300

- Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology: strong - 0, satisfactory - 9, suggests improvement - 1.

Standard "Student-centered learning, teaching and assessment of progress"

The evidence part

The management of EP provides equal opportunities for students, regardless of the language of instruction, to form an individual educational program aimed at the formation of professional competence. Regardless of the language of instruction, students are uniformly available with syllabuses, teaching and methodological information, scientific and educational literature, IWS, SRSP, consultations and information resources. On the official website of the university, students and visitors can familiarize themselves with the Rules of admission, with regulatory documentation on the organization and teaching and methodological support of the educational process, transfer from course to course, from other universities, on the procedure for re-crediting, mastered in other universities, deduction, etc. d. The graduating departments ensure the harmonious development of students taking into account their intellectual development and individual characteristics. The needs of students are identified by questioning and filling out special forms on the educational portal of the university (www.korkyt.kz).

EP's management seeks to ensure attention to various groups of students and their needs, providing them with flexible learning paths and using various forms and methods of teaching and learning. Before the beginning of the EP, the data of the questionnaire and students' electronic databases are processed and on the basis of these data, appropriate corrections are made. The departments conduct their own research in the field of methods of teaching academic subjects OP.

For the purpose of student-centered education in the departments, various teaching methods and technologies are used, taking into account the variety of forms of information assimilation. In the educational process introduced following active and innovative teaching methods: nA ocnove innovatsionnyh tehnology Trainings (delovye game virtualnye laboratornye raboty, keyc-ctadi, metod Open programm, metod proektov, interactive lectures) covershenctvuyutsya traditsionnye metody prepodavaniya, cozdaniya and poctoyannogo popolneniya fonda elektronnyh training tools (APPENDIX 7.19).

The use of innovations in the educational process is manifested through the use of various active forms and methods of teaching. These include the creation of projects, the "CLIL" technology is used. The discipline "Physical methods of chemical research" is conducted on the basis of a modern, highly equipped scientific laboratory "Physico-chemical methods of analysis." At the 3rd year of accredited EP, the elective discipline "Constructive learning" was introduced. In order to translate the experience of Nazarbayev University and Nazarbayev Intellectual School and improve the quality of teaching, the faculty of the university conducted a training seminar on the Lesson study with subsequent planning to involve teachers in this innovation process.

Acting within the framework of the credit system of education, the departments create the most favorable conditions for students to master the specialty disciplines. To this end, developed:

- 1) working curricula for each EP;
- 2) EMCD and syllabus;
- 3) control and measuring materials for SRO, SROP, practical tasks;
- 4) practice programs
- 5) The border control of students' educational achievements in the disciplines consists of 3 stages. It is organized in the forms of 1.2 midterm control and Midterm (a type of

student's academic achievement control, which is conducted in the middle of the academic period). When Midterm exam is held in oral-written form (written statement on the answer sheet and oral protection).

The entire volume of SRO is confirmed by assignments that require students to do their daily independent work. The EP's management monitors the student's independent work and an adequate assessment of its results.

The autonomy of the student, ensuring his freedom of education, the ability to meet individual educational needs is confirmed by the Individual educational trajectory (individual IEP curricula), which is based on the program of its own educational activities with the participation of advisors and teachers. From April 1 to August 25, a student freely and openly, using a password, conducts a selection of elective disciplines and teachers in the Platonus information system program and can make adjustments to the IEP. In this case, the student with the help of an adviser draws up a written application addressed to the dean of the faculty. The "Platonus" system records the results of the current, intermediate and final certification of full-time students, for students in the distance learning form of the e-univer program. The data in the programs are processed and stored, by which students and other interested persons have the opportunity to receive information about the progress of students <http://e-univer.korkyt.kz/>.

Within the framework of accredited EP, own studies are conducted in the field of teaching biology, chemistry, teaching aids are issued, for the study period - 13 teaching aids (Appendix 7.11), a close link has been established with practice bases where there are laboratories equipped with departments (confirmed during a visit to the practice base - NIS CKH).

Also at the department created the Center. Kuanyshbayev TD, a graduate of Moscow State University, a former dean of the faculty who made a significant contribution to the development of chemical education in the Kyzylorda region and to the training of pedagogical staff (decision KSU named after Korkyt Ata, protocol No. 9 of 04.16.2018). Source of funding: T. Kuanyshbaev private research and educational foundation. In the structure of the center: "Educational laboratory in physical and biological chemistry" and "Laboratory of applied chemical and biological research."

In the second half of 2019, the T. Kuanyshbayev private research and educational foundation allocates 100 million tenge. for equipping the center with educational and scientific equipment and staff training.

Monitoring the progress of students on the educational trajectory is carried out on the basis of a system for evaluating the results of students. Monitoring is carried out on the basis of reports of the faculty of the department. Based on the discussions and analysis, planning is made for the improvement and modernization of the implemented EPs and the educational services being provided (Appendix 4). So on the basis of the introduction of new elective disciplines aimed at the formation of professional competencies, it was decided to equip a specialized office of "Innovative educational technologies" (Minutes No. 8 of 04/30/2018).

Feedback from consumers at the faculty and at the department is carried out in the form of a survey, questionnaires, letters, placed in the "box for suggestions." Surveys are conducted twice a year: at the end of the fall and spring semesters.

The transparency of the knowledge assessment procedure is ensured by placing on the portal current assessments in electronic journals, intermediate and final results, and presence at the oral and oral-written examinations of the commission. Thus, each student can see the state of their academic achievements and discuss them with advisors, teaching staff and department management.

The appeal of the results of academic progress of students is carried out through the work of the appeal commission.

A classic feedback tool for teaching quality research (content, forms, methods) is the questioning of students.

Feedback forms are also the blog of the Rector, located on the website of the university, as well as meetings with heads of departments, deans, and university management.

Analytical part

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

In order to improve the quality of training and instill professional competencies, the department is working to provide students with the opportunity to choose an individual learning path with the right to choose disciplines, as confirmed by students in the course of interviewing. However, in the course of familiarization with QED, the commission noted an unclear definition of the goal, competences and expected results in some academic disciplines, or they are repeated in different disciplines without taking into account their specifics. WEC experts also draw attention to the fact that the learning outcomes for each EP must be transparent and accessible to all interested parties, formulated clearly and clearly, so that the mechanism for evaluating learning outcomes is effective and objective. And also the continuity and complication of the transition from the level to the level of education (bachelor's and master's programs) is important, which can clearly provide a mechanism for assessing learning outcomes, which should clearly show the evaluation criteria for each activity to get a general picture of the learning outcomes. This work should be carried out by competent personnel, therefore, teachers should systematically take advanced training courses on the assessment of learning outcomes.

The commission noted that the students confirmed the existence of an appeal mechanism.

Also in the process of interviewing students and teaching staff the active use of the university portal was revealed, which confirms its effectiveness.

The EEC noted that the university pays great attention to learning English, free courses are provided for both students and faculty, which was confirmed during interviewing. IELTS delivery is organized at the expense of the university. According to the EP Biology and the EP Chemistry, multilingual groups are created in which classes are conducted in three languages: Kazakh (40%), Russian (30%), English (30%).

At the same time, during the interviews, students focused on the need to introduce other foreign languages into the learning process, at least optional: German, French, which will help them participate in mobility programs in European countries and participate in international student research competitions. Also, they voiced the need to increase the share of subjects in the Russian language of instruction (OP Geography, EP Biology).

In general, both students and faculty members expressed positive opinions on the implementation of accredited EPs, which was later confirmed by the results of the survey: Students believe that the university has equal opportunities for all students - 77.6%, also express full satisfaction with the quality of teaching 76, 9%, fairness of examinations and certification - 78.3%, conducted tests and exams - 79.7%.

Strengths / best practice for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

- the procedure for responding to students' complaints is transparent and accessible; deans, heads, heads of the EP, advisors are always available and open;
- active research activities are being conducted aimed at studying modern teaching methods, their implementation, on the basis of close interaction with the practice bases.

Recommendations VEC for 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

1. Strengthen the provision of transparency and consistency of assessment procedures for students with vocational education to planned learning outcomes and goals for each educational program, especially graduate programs. Evaluators regularly improve their skills in this area.

2. Consider the possibility of including additional foreign languages in the content of the EP as electives (French, German), strive to increase the possibility of teaching academic subjects in Russian.

Conclusions VEC on the criteria of the standard "Student-centered education, teaching and assessment of performance" for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology: strong - 2, satisfactory - 7, suggests improvement - 1.

Standard "Students"

The evidence part

The policy of forming a contingent of students at the University is governed by a documented procedure, the main purpose of which is to establish requirements and describe the procedure for managing the process of forming a contingent enrolled in higher and postgraduate programs. The University in its activities on the policy of forming a contingent must be guided by the following regulations:

- Model rules for admission to study in educational organizations that implement educational programs of higher education;
- Model rules for admission to studies in educational organizations that implement educational programs of postgraduate education;
- GOSO higher and postgraduate education;
- Rules for granting academic leave to students in full-time educational institutions;
- Rules for transfer and recovery of students by type of education;
- Decree of the Government of the Republic of Kazakhstan "On approval of the Model Rules for the activities of organizations of higher and postgraduate education";
- Rules for the organization of the educational process on the credit technology of education;
- Direction rules for study abroad, including within the framework of academic mobility

Students are the main consumers of educational services, therefore their interests are at the head of the implementation of educational programs. The educational activities of the university are based on academic policies aimed at meeting the needs for quality education for students: autonomy, personal and professional growth, self-development and self-esteem.

Information about the contingent of students is given in tables 3 and 4.

Table 3 - the contingent of students

year	Specialty	Total	at that those					
			full-time form learning		correspondence form of study		with using Pillboxes	
			grant	paid	grant	paid	grant	paid
20 15 -2016	Chemistry	50	12	38				
	Biology	1 89	4	169		16		
	Geography	1 5		13		2		

20 16 -2017	Chemistry	38	4	29		5		
	Biology	205	7	178		20		
	Geography	12		10		2		
20 17 -2018	Chemistry	59	5	45		9		
	Biology	209	12	173		24		
	Geography	17		16		1		
2018-2019	Chemistry	57	5	47				5
	Biology	192	15	159				18
	Geography	24		23				1

Table four - Master students contingent

Learning conditions		2015-2016	2016-2017	2017-2018	2018-2019
By state order	Chemistry	10	13	12	11
	Biology	6	18	17	13
On paid basis	Chemistry	-	-	1	2
	Biology	4	7	8	8
Total		20	38	38	37

Information about the rules and conditions of admission to the bachelor and master's programs, a list of necessary documents, a list of specialties, entrance examination programs in the Kazakh and Russian languages, schedules for taking exams, regulatory documents, announcements, etc. They are placed in advance on the official website of the university in the "Applicant" section (www.korkyt.kz), information boards of the admission committee, a reference guide containing information about the university administration and its structural divisions, mode of operation and contact numbers; on the organization of the educational process, regulated according to the documented procedures of the QMS.

To adapt students enrolled in year 1, an orientation week is held, where the dean of the faculty, the head of the department and the advisers conduct an introductory lesson on the rules of credit technology, the knowledge assessment system, the rules for translating and calculating OSA, familiarize themselves with the departments, rules and regulations of the university, and the rules of residence in the dormitory, by the code of corporate ethics and by the circles and student organizations of the self-governing at the university and the institute, with the mode of operation of the library, instructions from users rooms and a subscription, an electronic information retrieval system, a reference guide.

Students of the first course in accordance with the academic calendar before the start of classes for one week (August 25-30) with the help of an adviser on the basis of the standard curriculum and the catalog of elective disciplines undergo a procedure of writing to the disciplines of choice and form an IEP.

Procedures for admission of students from other universities, recognition and credit credit, are based on the principles of the Lisbon Conference on recognition. Admission of students from other universities is carried out in accordance with the "Rules of transfer and restoration", approved by order of the Minister of Education and Science of the Republic of Kazakhstan dated 20.01. 2015 year number 19. When transferring students from other universities, the academic difference in the disciplines of working students, which they studied in previous academic periods, is determined.

In order to integrate into the international educational space, improve the quality of knowledge, comparability and recognition of educational programs with foreign universities, strengthen internationalization, the university implements academic mobility of students.

Since 2013, graduates are issued Diploma Supplements on European Diploma Supplement requirements in 3 languages, reflecting the qualifications obtained, the learning results achieved, the content and status of training, the volume of labor-intensiveness of the material studied in the credits of the Republic of Kazakhstan and in the ECTS system (Appendix 6.6 "Guidelines for the development and issuance of a European supplement to diploma supplement").

The university is actively interacting with major employers in the organization of bases of practice, curriculum development, evaluation of results of study and employment.

According to the results of professional practice, students submit a diary-report on the work done, which is checked by the head and consultant and is defended before the commission established by the order of the head of the department. Attached to the report are: the response of the practice manager from the enterprise, a work plan — a practice schedule, a practice diary report; direction to practice, materials, self-performed work.

The report should contain information about the work performed, a brief description of the practice base, analysis of its activities in the direction of the specialty, conclusions and suggestions. The student-student protects the report before the commission, approved by the head of the department.

At the university, in order to identify training needs, as well as the requirements of interested parties, the graduating department has established permanent partnerships with employers, as well as with the akimat, who annually collects information from schools and other educational organizations about vacancies, Job fairs.

The University has concluded agreements with practice bases in accordance with the form of a standard agreement for professional practice (approved by order No. 107 of the MES of the Republic of Kazakhstan dated January 29, 2016) (Table 5).

Table 5 - Bases practice of EP

OP	Company / Employer
5B011300 Biology	Lyceum №35 im.I.Toktybaeva, school-lyceum №36 them A.Tazhibaeva, No 11 school-lyceum, Lyceum №264 T.Esetova, school-lyceum №136 T.Zhurgenova, school litseyay №5 I.Panfilova, secondary school №278, Kyzylorda, NIS CBD Kyzylorda,
6M011300 Biology	Research Institute of Rice named after S.Y Zhakhayev, a branch of the Research Institute of Microbiology and virology
5B011200 Chemistry	JSC "National Centre expertise and certification " Kyzylorda branch, RSE REM " National Centre expertise, IT school-lyceum Num. 3. S. Tolybekova, Obl. boarding school for Gifted children №4, NIS CBD Kyzylorda, the average school №233them. J.Nurseitova
6M011200 Chemistry	University "Bolashak", Humanitarian and Technical Institute "Akmeshit"
5B011600 Geography	Lyceum School № 35 im.I.I.Toktybaeva, No eleven lyceum school, lyceum school № 42 named after K. Baimaganbetova, Syrdarya area, p. Amangeldy, lyceia school №5 im.I.Panfilova.

In the course of interviewing and visiting practice bases, employers gave a positive assessment to graduates and trainees of the university, many of whom hold good positions and show good personal and professional growth, for example, a graduate of the Korkyt Ata KSU - Ye.V. (OP Chemistry). She is the Press Secretary of the NIS HBN Kyzylorda. Already after graduation from the university, he is the owner of various contests and scholarship programs (2014 — winner of the Syr ymiiti youth award; 2015 — Letter of thanks from the President of the Republic of Kazakhstan for his significant contribution to strengthening national unity and social harmony; 2016: Winner of the badge "Til zhanashyry"; member of

the Assembly of People of Kazakhstan; member of the ethno-cultural center" Slavs "; member of the party" Nur Otan ").

Employment assistance and monitoring of graduates' employment is carried out by graduating departments and the Department of Competence Development and Employment of the University, operating in accordance with the documented procedures "Regulations on the professional practice of students of KSU. Korkyt Ata ", "Regulations on the employment of graduates of KSU. Korkyt Ata " (<http://www.korkyt.kz/index.php/ru/obuchenie/normativnye-dokumenty>). The departments and the department are engaged in the search for vacancies in the employment of graduates, the formation of a database of graduates and employers, the establishment of communication with employers, also actively interact with the city akimat, which provides information about vacancies in schools and other educational institutions of the city. To provide graduates with additional employment assistance services, the Department of Competence Development and Employment of the University holds a vacancy fair, which invites leaders and representatives of organizations, enterprises, companies, firms, heads of regional and city offices to coordinate employment and social programs, regional and city departments of education, physical culture, sports and tourism of Kyzylorda region, graduates, as well as representatives of the media. Indicators for employment of graduates in the context of specialties are shown in Figure 1.

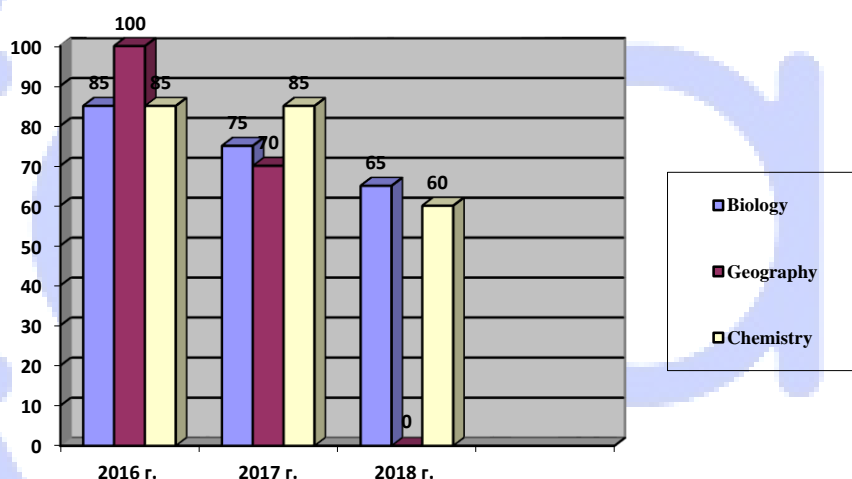


Figure 1. The percentage of employed graduates of the 2nd cluster for 2016-2018

To ensure research, the university has a student scientific society "Zerde", which consists of 38 circles and more than 900 students are involved. Every year the university holds a scientific student conference, student scientific seminars, round tables, competitions of scientific student projects, subject Olympiads, in which undergraduates and doctoral students participate.

For excellent academic performance, active participation in research and development work, public life or the work of university departments, prizes in various kinds of competitions and competitions. The university administration systematically materially and morally stimulates students, as well as scientific leaders who have shown good results in research and development work. Information on the participation of students accredited EP in various activities are given in Table 6.

Table 6- Participation of students in competitions, contests, scientific conferences

Academic year	Participation in olympiads	Participation in contests	Participation in scientific conferences	Student publications
2015-2016	9	7	38	25
2016-2017	9	8	45	27
2017-2018	9	8	48	45
Total	27	23	131	97

One of the most important areas of training highly qualified specialists for the field of education is educational work with students. Planning and organization of educational work with students is carried out on the basis of the "Concept of educational work of KSU. Korkyt Ata. Every year, the university hosts the festival "Golden Autumn", "Student Spring", KVN competitions, various celebrations, recitals, competitions in which students of the department take an active part. In the process of exchanging and expressing opinions, student organizations and clubs are involved, which actively position themselves on social networks and on various Internet forums. The number of student activists reflected in table 7.

Table 7- Students-activists of the department "Biology, Geography and Chemistry"

No	Name of structures	amount of students
1	Student council	6
2	Union members of students	2
3	Zerde Scientific Student Society	12
4	Branch of the youth wing "Jas Otan at Party "Nur Otan"	45
5	"Alliance of Students of Kazakhstan" KSU	15
6	Press Club	2
7	"Zhasyl ate" squad	8
8	Detachment of volunteers "Kyran"	15
9	Intellectual club "Dream club"	-
10	Club for girls "yz zhibek"	13
11	"Zhaidarman" KVN	10
12	Sports Club "Syr Simbaty"	10
13	Youth Movement "KMU Shakhyrada"	17
14	Student Theater "Zhaukazyn"	4
	Total for the department	159

In order to receive feedback from students at the University, the following tools are used: the University website, the Rector's blog, the feedback system is carried out by exchanging messages on the corporate portal in Platonus, where the student can write a letter to his teacher or a University employee with a question and get an answer. Also, the function of obtaining individual assignments for the studied disciplines, with an indication of the established deadline.

Analytical part

Analyzing the university site, the commission notes its positive changes, but at the same time, concludes that it is not sufficiently informative, not enough information about

the specifics and uniqueness of the accredited EP, about the possibilities of academic mobility and international programs, procedures for obtaining grants and other.

The commission during the analysis of the contingent of students revealed a tendency towards its increase. When forming an individual educational trajectory, the features of the level of training of talented students are taken into account. In particular, when forming multilingual groups (OP Biology, EP Chemistry), the initial level of knowledge of the language is determined by testing the student. Additional free English courses are offered. When forming an educational trajectory, the University does not always have the opportunity to take into account in the educational process the characteristics of the student, since building an individual trajectory for a small number of students is unprofitable.

During the interviews, students expressed willingness to travel to foreign universities under the program of academic mobility, but at the same time, a deterrent is, according to students, the lack of financial support and insufficient information about academic mobility programs. The students also expressed the desire to introduce, in the form of electives, the study of such foreign languages as German and French with the aim of participating in European scientific student projects. They also expressed a desire to actively participate in scientific research relevant not only for the region, but also internationally.

The commission notes that, despite the existence of an alumni association at the university, it is not active enough. Only one graduate who participated in the interviews confirmed their membership in this organization.

In the course of interviewing students it was proved that conditions are created to support gifted students by providing akim grants for training, stimulating creative activity, and free English language courses. Last year, on the basis of the department, the RSPO for Chemistry was conducted, and this year, the AFS for Geography and Biology EP will be conducted at this base, since last academic year, students of these educational programs took 1st place in the RSVO in Kazakhstan.

According to the survey results, 68.5% of students express full satisfaction with the availability of academic counseling; accessibility of health services - only 55.9%; availability of library resources - 84.6%; existing educational resources - 75.5%; the overall quality of the curriculum - 79.7%; the ratio between student and teacher is 76.2%.

Strengths / best practice for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

- provision of trainees with places of practice, in matters of employment, close cooperation with the city akimat, schools, monitoring of employment and professional activities of graduates, maintaining communication with graduates;

Recommendations VEC for 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

1. Develop a plan and a program of scientific research for students and undergraduates on accredited educational programs, to broaden their involvement in scientific research within the framework of existing scientific projects accredited by the EP.
2. Expand the possibilities of external and internal academic mobility of students in the context of accredited educational programs and assist in obtaining external grants for training.
3. Ensure the functioning of the University Alumni Association.

Conclusions VEC on the criteria of the standard "Students" for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology: strong - 2, satisfactory - 9, suggests improvement - 1.

Standard "Faculty"

The evidence part

The EP's management demonstrates the application of the university's personnel policy for faculty members involved in the implementation of the EP. Personnel selection is carried out on the basis of an analysis of the needs of the educational program, the results of which announce a competition for filling vacant posts. The competition for filling vacancies of teaching staff and researchers at the university is held in accordance with current legislation. The announcement of the competition and the acceptance of documents for participation in the competition is placed in addition to traditional ones, also on Internet resources - on the website of Korkyt Ata KSU (korkyt.kz).

The main provisions of the personnel policy of the university are compliance with the typical qualification characteristics for employees of educational institutions, approved by order of the MES RK; the presence of higher and postgraduate education in relevant specialties, productive scientific activities, as well as competence and competitiveness. Heads of departments determine the requirements for staff competence based on job descriptions, qualification requirements, the specifics of the work performed. Heads of departments present to the Human Resources Department competency requirements for each position, executed in the form of job descriptions. The selection of personnel, registration of their admission, relocation and dismissal, the preparation of documents for approval in the positions of employees is carried out by the Human Resources Department and the Documentation Department. The document flow associated with the faculty (personal affairs, employment records, orders, regulations, etc.) is systematically updated as necessary.

Indicators on the qualitative and quantitative composition of faculty confirm the availability of human resources necessary to implement the entire range of educational programs and relevant qualification requirements for the licensing of educational activities.

The implementation of EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology is provided by the department "Biology, Geography and Chemistry". The staffing of the faculty in the specialties of the department is 100%. The average age of full-time faculty in the 2017-2018 pup. year was 49 years old.

The degree of faculty in the specialties of the department "Biology, Geography and Chemistry" in the reporting period is 65.3%.

The quantitative and qualitative composition of the teaching staff of the department "Biology, Geography and Chemistry" is presented in Table 8.

Table 8 - the quantitative and qualitative composition of PPP

Training year	Total	Total including		Established	part-timer	hourly	Share full-time teachers	Share undergraduate teachers	Average age state.
		Doctors of sciences	Candidates of sciences, PhD						
2015-2016	29	1	20	29	-	-	100%	73%	51
2016-2017	27	1	16	27	-	-	100%	63%	50

2017-2018	26	1	16	26	-	-	100%	65.3%	49
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The management of the EP demonstrates an awareness of responsibility for its employees and the provision of favorable working conditions for them and the changing role of the teacher in connection with the transition to student-centered education. Favorable working conditions for the university as a whole and taking into account the specifics of EP include: maintenance of sanitary and hygienic conditions, uninterrupted supply of electricity, thermal energy, cold water, uninterrupted communication. At the department, each teacher has his own workplace, there is access to a computer, to the Internet.

EP management provides monitoring of the teaching staff, systematic assessment of the competence of teachers, a comprehensive assessment of the quality of teaching, including assessment of the satisfaction of teachers and students. A systematic survey of faculty members is carried out to the question of satisfaction.

A systematic assessment of the competence of teachers, assessment of the quality of teaching at the department for disclosing the content of training courses and developing students' knowledge, skills and competencies necessary to achieve learning outcomes provided for the objectives of the program is implemented through internal assessment (open classes, mutual visits, control visits). Department, speeches at the scientific-theoretical and scientific-methodical seminars).

There is a significant degree of knowledge of the teaching methods adopted by the EP for a group of training courses implemented by them (the journal of mutual visits, analyzes of conducted public classes, etc.).

EP management ensures the completeness and adequacy of individual planning of the work of teaching staff for all types of activities, monitoring the effectiveness and efficiency of individual plans, and evidence has been demonstrated that teachers have completed all types of planned workload. The workload of the teaching staff of the EP includes training, teaching and methodical, scientific, organizational and methodical work, improving professional competence.

Educational and methodological complexes were developed for all disciplines of the department, where the syllabus of academic disciplines, lectures, plans for seminars, tasks for self-regulatory organizations, types of control, questions and tasks, rating tasks, exam materials are presented.

EP management has demonstrated support for faculty research activities, providing links between research and training. Scientific results are used in the educational process and are used in various industries.

Information about the publication of the results of research work of faculty for 2015-2018. are given in tables 9 and 10. Especially the commission notes the presence of scientific publications in high-rating journals with impact factor - 7.4 (2010) and 8.3 (2014) - Associate Professor, Ph.D. Kurmanbaev R.Kh.

Table 9 - Summary information on the publication of the results of research and development of teaching staff

Training year	Inventions	Patents	Monographs and training benefits	Articles recommended KKSON	Articles at editions abroad	Publications at editions with impact factor	
						Web of Science	Scopus

2015-2016	-		4	7	50	1	2
2016-2017	-		6	4	31	1	1
2017-2018	-		5	3	17	1	2

Table 10 - List of published, monographs and textbooks of EP for the 2017-2018 academic year and 2019.

No	Themes title	Year	View editions	The authors
1.	School chemistry Olympiads	2017	educational and methodical allowance	Сәдуақасқызы ТО.
2.	Chemistry-pedagogical researches methods	2017	educational and methodical allowance	Сәдуақасқызы ТО., Arynova K.Sh.
3.	Methods of preparation to NCT	2017	educational and methodical allowance	Сәдуақасқызы ТО.
4.	Chemistry training methodology	2017	educational and methodical allowance	Сәдуақасқызы ТО.
5.	Methods of preparation to NCT	2017	Electronic textbook	Сәдуақасқызы ТО.
6.	Chemistry training methodology	2017	Electronic textbook	Сәдуақасқызы ТО.
7.	Local history		Textbook	Kurmanbaev R.H., Aydarov T.T.
8.	"Kazakhstan and CIS countries tourism geography » course on laboratory works collection	2018	educational and methodical allowance	Sauytbaeva Gz Aydarov FROM.
9.	"Geoecology and nature protection » course on laboratory works collection	2018	educational and methodical allowance	Sauytbaeva Gz Aydarov FROM.
10.	"Kazakhstan physical geography » course on laboratory works collection	2018	educational and methodical allowance	Sauytbaeva Gz Aydarov FROM.
11.	Toponymy course on laboratory works collection	2018	educational and methodical allowance	Sauytbaeva G. Aydarov
12.	" Human and animal physiology "	2018	educational and methodical allowance	Ibadullaeva S.ZH., Abishova Mb

13.	" Levels of living organazation »	2018	educational and methodical allowance	Abishova Mb
14.	Higher class students originality work through chemistry misbehavior prevention receive methodology	2018	educational and methodical allowance	Saduakaskyzy K. Melulbaeva N.O.
15.	Chemistry training in the process resourceful tasks take off theoretical technology use methodology	2018	training allowance	Saduakaskyzy K. Kamilaeva M
18	Chemistry training methodology	2019	educational and methodical allowance	Saduakaskyzy K.
19	General and inorganic chemistry workshops	2019	educational and methodical allowance	Tapalova A.S. Dilmanova Z.B.
20	Required Barakelmes of the state old stewardess	2019	monograph	Kurmanbayev R.H.

EP management demonstrates mechanisms to stimulate the professional and personal development of teachers and workers.

One of the key activities of the EP's management is the creation of favorable conditions for the professional and personal development of faculty, including advanced training. To improve the quality of teaching, teaching staff of the department "Biology, Geography and Chemistry" annually take advanced training courses. Information on advanced training for the last three years is presented in table 11.

Table 11 - advanced training of faculty

Name	2015-2016 training year	2016-2017 training year	2017-2018 training year
advanced training	43	41	74

The department practices guest lectures, experienced practitioners are invited - the best teachers of schools, lyceums, NIS.

Improving the level of professional competence of young specialists at the department is carried out through the differentiation and the optimal combination of types and forms work, stimulation of professional creative activity and striving for professional growth. Each young specialist is assigned a mentor from among the more experienced teachers. The administration of EP also supports the initiatives of young specialists in master's and doctoral programs in domestic and foreign universities, in particular under the Agreement with the Orenburg State University, where the teacher of the department, Izbasarova Zh.Zh.

The use of innovative technologies in the educational process of the University is based on a good material and technical base, the improvement of which in accordance with the requirements of the time is carried out constantly. Modern information technologies are

widely used in the classroom: computers, interactive whiteboards, the Internet, Wi - Fi, specialized software (table 12).

Table 12 - Specialized software security used by accredited OP

No	The name of the software product
1	Creating and editing texts Microsoft Word
2	Creating and editing spreadsheets Microsoft Excel
3	Creation and editing multimedia presentations- Microsoft Powerpoint
4	Control electronic by mail and personalized contacts- Microsoft Outlook
5	Electronic multilingual vocabulary- ABBYY Lingvo 12 Study Edition
6	Compression and archiving file- Winrar
7	Optical recognition documents- ABBYY FineReader 8.0 Study Edition
8	Drawing and editing digital painting- Corel Painter Essentials 3
9.	Protection from viruses and other malicious programs that hacker attacks, spam Kaspersky Work Space Security
10	Creation and editing interactive multimedia materials- Adobe Flash CS3
11	Creation and editing flowchart- Microsoft Visio
12.	iSpring Quizmaker
13.	Corel DRAW
14.	A gris
15.	SMART Board ™; SMART TECHNOLOGIES SMART BOARD 660, 64

The faculty of the department are actively involved in the public life of the city and the republic. Materials of University scientists are regularly published in the mass media aimed at strengthening the public image of the University.

Analytical part

During the interviews, staff and faculty expressed satisfaction with the current personnel policy at the university, demonstrated awareness of the current personnel management system procedures, confirmed the holding of a competition for vacant positions, the existing system of moral incentives and material incentives, according to the University's Regulation teaching staff according to the rating. " The results of the rating are published on the university website (<http://www.korkyt.kz/index.php/ru/obuchenie/rejting>).

At the same time, in the course of interviewing, teachers note the insufficient amount of material incentives, as well as young teachers, although they are satisfied with the working conditions, but express their wish for the possibility of additional incentive measures concerning not only scientific, but also activities for the development of foreign languages, the use of interactive teaching methods and technologies.

In general, the faculty leaves for international internships in the framework of advanced training, has IELTS certificates, meets the requirements of degree, IT-competence. But at the same time, the commission of the WEC notes an insufficient level of academic mobility of faculty, both internal and external.

The Commission recommended to continue the participation of faculty members in competitions for the implementation of grant research projects funded by the MES of the Republic of Kazakhstan, to attract students to research work and practitioners to the educational process more widely.

According to the results of the IAAR survey, the teaching staff expresses full satisfaction with the relations with students (94.1%), with colleagues in the department (92.2%). At the same time, 77.5% of the teaching staff are completely satisfied with the attitude of the management, the activities of the university administration - 80.4%, the change management of the university - 77.5%. The level of incentives for young specialists to the educational process is highly appreciated by only 47.1% of the teaching staff, while

recognition of the potential and abilities of teachers is also only 47.1%. 45.1% are satisfied with the provision of equal opportunities to all PPPs.

Strengths / best practice for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

- the presence of an objective and transparent personnel policy, including recruitment, professional growth and development of personnel, compliance of the staff potential of faculty with the development strategy of the university and the specifics of the EP;
- the teachers have created favorable working conditions, have their own workplaces equipped with computers, access to the Internet, to library resources;
- availability of the system of professional development of teachers and staff, their career growth, targeted actions to develop young teachers who have the opportunity to learn a foreign language, to train in similar programs of international universities, to study in doctoral and postgraduate studies on cooperation agreements with Russian universities.

Recommendations VEC for 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

1. To promote the development of academic mobility of teaching staff in the context of accredited educational programs and to attract the best foreign and domestic teachers.
2. Consider the possibilities of encouraging the scientific activities of faculty members in their integration with education and the use of innovative teaching methods.
3. Consider the possibility of passing internships of teaching staff and program managers in other educational organizations implementing similar EPs.

Conclusions VEC on the criteria of the standard "Teaching staff" for the EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology: strong - 5, satisfactory - 5, suggests improvement - 2.

Standard "Educational resources and student support systems"

The evidence part

The university has created conditions for meeting the social, personal and everyday needs of students. For this, there are structural units that assist students in organizing the educational process and solving social issues: deans, departments, academic affairs department, student department, competence development and employment department, postgraduate education department, registrar office, science department, international cooperation department and academic mobility, scientific library, management of educational work and youth policy, management of information technology, etc.

The University has a material and technical base that provides for all types of practical training and research work of students, provided for by the educational programs of the university and corresponding to the current sanitary-epidemiological and fire prevention regulations and rules. Creating an effective educational infrastructure is a prerequisite for the successful fulfillment by the university of its mission.

The educational process within each EP is provided with the necessary classroom fund, educational laboratories, computer classes.

The infrastructure of the departments consists of teaching, offices, heads of departments. To implement the EP, the department has a sufficient number of audiences and computer classes (totaling 46 PCs) equipped with modern multimedia equipment. Of the 13 lecture halls, multimedia equipment, including interactive whiteboards, is placed in 6 (Table 13).

Table 13 - computer software and auditorium fund OP

OP	Number of computer classes	Number of computers	Number of lecture halls	Number of educational laboratories	Number of auditoriums provided by multimedia projector	Number of computers	Number of interactive whiteboards
5B011200 Chemistry, 6M011200 Chemistry	1	18	4	5	2	18	2
5B011300 Biology, 6M011300 Biology	1	16	5	6	3	16	2
5B011600 Geography	1	12	4	4	1	12	1
Total	3	46	13	15	6	46	5

In general, the material, technical, informational and library resources used to organize the process of training and education are sufficient to fulfill the stated mission, goals and objectives and meet the requirements of the educational program being implemented. To assess the quality of the material, technical and information resources used in the implementation, the EP conducts interviewing and questioning of students, teaching staff.

Software support and solution of technical problems is implemented by the University's information technology management. To improve the use of information technology in the educational process, research and management of educational and organizational work of the University computer classes are used. Computer audiences meet all sanitary and epidemiological standards. The classrooms are illuminated with daylight and artificial lighting, all computer equipment is regularly serviced and, if necessary, equipment is upgraded. The University has a wide coverage of Wi-Fi network with speed sixteen mb / sec, which provides access to the corporate network and the Internet.

During the implementation of the EP, students have the opportunity to study and use in their activities professional application programs in accordance with the EP (Table 14).

Table 14 – List of professional application software security uses at during implementation accredited OP

No	The name of the software product
1	Creating and editing text- Microsoft Word
2	Creating and editing spreadsheets- Microsoft Excel
3	Creating and editing multimedia presentations - Microsoft PowerPoint
4	Electronic Multilingual Dictionary - ABBYY Lingvo 12 Study edition
5	Optical recognition of documents - ABBYY FineReader 8.0 Study Edition
6	Drawing and Editing digital of painting Corel Painter the Essentials 3
7	Creating and editing interactive multimedia materials - Adobe Flash CS3
8	Creating and flowchart editing - Microsoft Visio
9	iSpring QuizMaker
10	Corel DRAW
11	Smart board ™; SMART TECHNOLOGIES SMART BOARD 660, 64

Created a unified system of library and information services. The purchase of educational and methodical literature at the request of the department is carried out in sufficient quantities. The library has an electronic catalog that allows you to search for the

necessary literature and provides access to the electronic versions of individual textbooks and teaching materials.

The University's scientific and technical library has 5 reading and 3 electronic rooms for 700 seats. All structural divisions of the library are equipped with the necessary library equipment and furniture, computer and copying equipment. In the electronic reading room of the library there are 57 computers, 10 copiers, an interactive whiteboard, 9 printers, 2 copiers, 1 TV.

Foundation for Scientific and Technical Library of KSU. Korkyt Ata is 2,202,483 copies of educational, educational and scientific literature, in the state language 1,091,854 units, i.e. 49.6%. Including the total fund of literature on the accredited EP is 66,747 units (Table 15).

The library has alphabetic, systematic catalogs and an alphabetic subject index. Library staff along with the traditional catalog are an electronic catalog, including a bibliographic description of all the units of the fund. The content of the library funds is disclosed through the Electronic Catalog and the University Electronic Library. In order to form more complete information for readers, prompt access to information resources of the library and full automation of all library services, the research library operates in the KABIS Automated Information Library System. The program allows you to access the library database via the Internet for searching and viewing documents online, which allows you to quickly find information on the library collection and receive digitized documents.

Table 15 - Training Foundation and educational literature by accredited OP

OP	Educational and scientific literature	Textbooks	Educational and scientific literature on digital media (including the base of the RMEB, KazNEB, Lan)	Total
5V011200 Chemistry, 6M011200 Chemistry	8146	6789	284	15219
5B011300 Biology, 6M011300 Biology	35122	9564	246	44932
5B011600 Geography	3685	2714	197	6596

Students, faculty members and staff actively use scientific and educational resources of the Web of Science, Scopus, Springer Link, EBS "Lan", EBS "University Library Online," scientific electronic library eLIBRARY.RU, POLPRED.COM, KazNEB for educational and scientific interests., RMEB, libraries of the first president of the Republic of Kazakhstan, debit portals, I-kitap portals, etc.

In order to identify the degree of borrowing information by students at the Korkyt Ata KSU, the Antiplagiat system has been developed and is being used. The Commission is presented with the Regulation on the use of the Antiplagiat system for testing master's theses.

Analytical part

As a result of the visual inspection by the members of the WEC of objects of the material base, it is noted that the University has all the necessary educational and material assets to ensure the educational process of the educational programs being accredited. The building of the University complies with current sanitary standards and fire safety requirements. The classroom and laboratory facilities, classrooms and other facilities, sports facilities comply with established norms and rules.

At the same time, the EEC notes that the provision of a lecture classroom fund with multimedia equipment is a little more than 50%; it is recommended to increase the share

of equipping the classroom fund with stationary multimedia equipment to improve the quality of educational programs

The presence of outdated fume hoods was revealed, which does not comply with the safety requirements of conducting chemical laboratory work.

According to the results of the survey of students are fully satisfied with the existing educational resources of the University - 75.5%; classrooms, classrooms for large groups - 65.7%; Availability computer grades and Internet resources are partially or fully satisfied - 97.9%; about security of students' hostel - 90.9%.

At the same time, the rest rooms for students are partially or fully unsatisfied - 21% of respondents, 4.9% were undecided.

Strengths / best practice for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

- free access to educational Internet resources, the operation of free high-speed Wi-Fi throughout the organization.

Recommendations VEC for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

1. To increase the share of the classroom fund equipped with stationary multimedia equipment (projector, screen).

2. Inspect the exhaust equipment in the laboratories of the Chemistry EP and replace the obsolete.

Conclusions VEC on the criteria of the standard "Educational resources and student support systems for 5B011200 - Chemistry, 5B011300 -Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6 M011300 - Biology: Strong - 1, satisfactory -9, suggests improvement - 0

Standard " Public Information "

The evidence part

Following the principles of openness and accessibility for the public, the University openly places complete and reliable information about its activities, rules for admission of applicants, educational programs, terms and forms of education, information about graduates' employment opportunities, contact information and other information useful for applicants and students on various information media. The main tool for informing the public is the official website of the University (<http://korkyt.kz>). So on the site are published implemented programs, including those accredited by the EP, indicating the expected learning outcomes (<http://korkyt.kz/index.php/ru/component/k2/item/969>; <http://korkyt.kz/index.php/en/component/k2/item/1174>); information about the possibility of assigning qualifications at the end of the EP (<http://korkyt.kz/index.php/ru/component/k2/item/433>); information about teaching, learning, assessment procedures (<http://korkyt.kz/index.php/ru/obuchenie/normativnye-dokumenty>), information about passing points (<http://korkyt.kz/index.php/ru/component/k2/item/1448>) and training opportunities provided by students (<http://korkyt.kz>), information about employment opportunities and information about employers (<http://korkyt.kz/index.php/ru/struktura/prorektor-po-uchebnoj-rabote-pervyj-prorekto/departament-po-akademicheskim-voprosam/otdel-razvitiya-kompetentsII-i-trudoustrojstva>). The University's website contains information about faculty staff in the

context of personalities with contact numbers, e - mail, portfolio (<http://korkyt.kz/index.php/ru/component/k2/item/433>).

Teachers participate in activities aimed at informing students, applicants and all interested parties. The University has a variety of ways to disseminate information to inform the general public and interested parties (Table 16). All published information is accurate, objective and current.

In order to establish feedback with students, employers and other interested parties, the reception on personal and other issues is carried out by the heads of departments constantly to the extent possible. Also, communication with students through the University portal, e-mail communication. The feedback of the University management with the public is carried out with the help of a functioning blog of the rector, blogs of the heads of departments (vice-rectors).

Table sixteen - Main communication channels and information transfer methods

the Internet	mass media	Information boards and leaflets
The official website of the University - http://korkyt.kz/index.php/ru/ Pages and groups in the social network: VKontakte - https://vk.com/qorqytata Facebook - https://www.facebook.com/Qorqytata/ Instagram - https://www.instagram.com/qorqytata_universiteti/ YouTube - https://www.youtube.com/channel/UCQOnTfBQGxitNn5Y2toRruA SMS, whatsapp, email - mailing	Publications in the newspapers "Syr Boyı", "Kyzylorda News", "Khalyk", "Yel tilegi", "Syr tylegi" etc. T broadcasts of local TV channels " ToAzakhstan-Kyzylorda" and "Kogam-TV". Participation in reports and programs of the republican television channels "24.kz", "Kazakhstan" Alttyk Arnasy "	booklets of the Korkyt Ata KSU, booklets of the Faculty of Natural Sciences, booklets of the department "Biology, Geography and Chemistry", stands of educational buildings: №5, №9, the main building.

The university annually holds job fairs, which allows graduates and employers to establish contact for the selection of necessary personnel. As a result of this preliminary work, students, even before graduation, get an idea of the labor market, existing vacancies and the requirements placed on them.

The university regularly participates in the National ranking of the best multidisciplinary universities of Kazakhstan (IQAA, 2014-2018), according to the results of the rating shows a positive trend. Also, the management of the EP regularly presents the accredited EP to participate in the ratings of educational programs organized by the IAAR 2014-2018, IQAA 2016-2018. EP 5B011300 - Biology, 5B011200 - Chemistry, 5B011600 - Geography, 6M011300 - Biology, 6M011200 - Chemistry regularly occupy high positions in national rankings (<http://korkyt.kz/index.php/ru/universitet/rejting>). In addition, the university participates in the external assessment procedures. In December 2017, the Independent Kazakhstan Agency for Quality Assurance in Education (IQAA) conducted institutional accreditation, as a result of which, on December 25, 2017, the Korkyt Ata KSU received a certificate for a period of 5 years (registration number No. 0085). Also EP 5B011300 - Biology, 5B011200 - Chemistry, 6M011300 - Biology, 6M011200 - Chemistry successfully passed an external assessment at the IQAA in 2014 and are accredited for a period of 5 years. Information on the results of the external evaluation is available on the website (<http://korkyt.kz/index.php/ru/universitet/akkreditatsiya>).

Analytical part

Analysis of the information presented on the university website showed that the results of the university's activities are reflected on the university website. At the same time, the commission notes that it is desirable to finalize the structure of the site. The site should be logical, search for information on the site should not be difficult. In addition, the design of the site does not meet current trends. The EEC notes that the university does not publish audited financial statements on its own web resource.

At the same time, a survey of students, conducted during the visit of the EAPA, showed that 66.4% of respondents were fully satisfied with the usefulness of the website of educational organizations in general and of faculties in particular.

Strengths / best practice for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

- Within the framework of this standard, no strengths have been identified.

Recommendations VEC for 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

1. To ensure publication on the website of the university of audited financial statements.

2. To carry out work on updating the site and organizing regular updates on the site of the university, in part implemented by the EP.

Conclusions VEC on the criteria of the standard "Informing the public" for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology: strong - 0, satisfactory - 11, suggests improvement 2

Standard "Standards in the context of individual specialties. Education"

The evidence part

The development of educational programs EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology is aimed at obtaining graduates of the necessary theoretical, practical training, and in graduate programs - research skills.

The current state of training in the framework of the EP is supported by teaching and methodological materials, an annual update of the topics of master's works, as well as the introduction of new elective disciplines, taking into account the recommendations of employers.

The QED analysis demonstrated the presence of disciplines and competencies aimed at developing graduates with knowledge in the field of psychology and skills in communications, personality and behavior analysis, conflict prevention and resolution techniques: "Self-knowledge", "Fundamentals of meditation", etc. disciplines, conducting seminars, teaching innovative teaching methods and training planning, incl. interactive teaching methods, the availability of self-study skills: "Basics of self-education", "Innovative technologies of teaching geography / biology / chemistry"

In the framework of EP 5B011200 - Chemistry and 6M011200 - Chemistry there are educational laboratories: "Educational laboratory in physical and biological chemistry" and "Laboratory of applied chemical and biological research", where students have the opportunity to practice the skills of chemical research in the disciplines "Transformation of

chemical elements", "Analytical chemistry", "Chemical methods of analysis", "Safety in the chemical laboratory", etc.

Within EP 5B011300 - Biology and 6M011300 - Biology there are educational laboratories, Zoomouz, Winter Garden, there is also a greenhouse, which is built and provided with appropriate equipment with the participation of the Canadian company, has its own Agrobiopark, where students have the opportunity to acquire skills in assessing biodiversity, work skills with a microscope, caring for plants, growing them in a baseless way, etc. in the following disciplines: "Biogeographical approaches to the assessment of biodiversity", "Botany", "Biology of individual development", "Biologically System and Environment" et al.

Within EP 5B011600 - Geography there are classrooms and laboratories equipped with physical, economic, administrative and political maps and atlases, educational visual models of the globe, mountain system, etc.

When teaching students, software demo versions are used (Table 14).

Monitoring the impact of innovation in the learning process on learning outcomes is carried out at various levels. At the departments - through the system of mutual visiting of studies, discussions at methodical seminars. At the university - through the organization of master classes, advanced training of faculty at courses, trainings.

To improve the quality of the educational process, guest lectures are periodically organized for students.

In order to familiarize students with the professional environment and current issues in the field of specialization, as well as to acquire practical skills based on theoretical training, the educational program provides for various types of practices: training, industry, and pre-diploma. All types of practices are conducted in accordance with the standard curriculum, according to the academic calendar. The departments have concluded contracts for the conduct of professional practice, in which the duties of the departments, the base enterprise and the students are defined. The departments have developed guidelines for organizing and conducting practices, practical training programs. Students do internship in accordance with the order of the rector, which indicates the base of practice, the timing of its passage and the heads of internship from the educational institution. Students of the EP Geography summer practice leave in Borovoye, Almaty, to study the nature, landscapes, climate, species biodiversity of their country. At the end of the practice, students submit reports on the approved form.

For the purpose of employment and career guidance, the communication with graduates is maintained by advisers who periodically hold round tables, open doors and curator hours with undergraduate students. A job fair is held annually in order to establish relationships with enterprises, identify the staffing needs of domestic business, as well as employing university graduates. The event is attended by representatives of educational institutions of the city and region.

The results of the external evaluation of educational achievements (SAUD) by students of these EPs indicate a fairly good level of knowledge (Table 17) by 2017, the indicator had a positive trend, but then there was a decline and again a slight increase by the 2018-2019 school year. At the same time, the maximum average score is noted at the EP Geography in the 2015-2016 academic year. and amounted to 127.5 points.

Table 17 - the results of the SAUD

Level: Bachelor		The contingent of the students (person)														
Cipher	Title	2013-2014 y.			2015-2016 y.			2016-2017 y.y.			2017-2018 y.			2018-2019 y.		
		Total Eligible Approved	Successful, %	Average Score	Total Eligible Approved	Successful, %	Total Average	Total Eligible Approved	Successful, %	Average Score	Total Eligible Approved	Successful, %	Average Score	Total Eligible Approved	Successful, %	Average Score

5B011200	Chemistry	22	100 %	75,2 2	18	100 %	101	11	100 %	110, 7	12	100 %	58	-	-	-
5B011300	Biology	89	97,7 %	66,3 4	40	100 %	101, 5	36	100 %	121, 3	31	100 %	74	49	100 %	99
5B011600	Geography	9	100 %	97,0	6	100 %	127, 5	6	100 %	121, 0	-	-	-	-	-	-

In 2017, students of the EP Chemistry took 1st place in the AFS, and in 2018. The students of the EP Biology and the EP Geography took the 1st place in the RSPO, as a result in 2019 Korkyt Ata KSU receives student teams from all over Kazakhstan within the framework of the RSPO.

At the accredited EP there are multilingual groups, where training is conducted in three languages.

Analytical part

Analysis of feedback from employers and managers of educational and industrial practices in accredited educational programs suggests that there is a close interaction with the bases of practice. The department presented to the Laboratory of Biology in the NIS CBD homemade exhibits that students make in their work practice (herbarium, animal models, teaching aids). In turn, the leading teachers of the NIS give guest lectures and trainings on updated teaching methods in the school. To improve the quality of teaching disciplines, the leadership of EP attracts practitioners, but only as part of guest lectures. Selection of teachers of practitioners is carried out taking into account the experience of practical work in schools and other educational institutions, the availability of professional certificates. At the same time, the commission of the EEC, during interviews with students, as well as when studying the submitted documents, revealed an insufficient number of guest lectures, and also expressed the need to involve practitioners in the learning process itself.

Strengths / best practice for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

- At the framework of this standard strong sides are not revealed.

Recommendations VEC for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6 M011300 -Biology:

1. Consider the possibility of including disciplines in the curricula of accredited EPs taught by practicing specialists.

Conclusions of EEC on the criteria of the standard "Standards in the context of individual specialties Education "for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6 M011300 - Biology: satisfactory - 5, implies improvement - one.

(VII) REVIEW OF STRONG PARTIES / BEST PRACTICES FOR EACH STANDARD

A review of strengths for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

According to the standard "Management of the educational program":

- Ensured the active participation of representatives of stakeholders (employers, teaching staff, students) in the collegiate management bodies of the EP, as well as their representativeness in making decisions on the management of the EP, leading to concrete results in the development of the EP.

According to the Information Management and Reporting Standard:

- Information management and analysis processes have been introduced in the context of EP: about the dynamics of the contingent of students, level of academic performance, students' achievements, safety of the contingent, students' satisfaction with the implementation of EP and the quality of education, employment and career development of graduates, which is an important factor for the development of EP.

According to the Standard "Development and approval of the educational program":

- EP development procedures are clearly documented, institutional approval procedures are shown, periodic 30% update of educational programs;
- Adaptation of the EP to the recognition of its labor intensity for all parameters of the Bologna process is presented, the qualification obtained upon completion of the EP is clearly defined and corresponds to a certain level of the NSC.

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

- Within the framework of this standard, no strengths have been identified.

According to the Standard "Student-centered learning, teaching and assessment academic performance ":

- the procedure for responding to students' complaints is transparent and accessible; deans, heads, heads of the EP, advisors are always available and open;
- active research activities are being conducted aimed at studying modern teaching methods, their implementation, on the basis of close interaction with the practice bases.

According to the Standard "Learning":

- provision of trainees with places of practice, in matters of employment, close cooperation with the city akimat, schools, monitoring of employment and professional activities of graduates, maintaining communication with graduates.

According to the Standard "Teaching staff":

- the presence of an objective and transparent personnel policy, including recruitment, professional growth and development of personnel, compliance of the staff potential of faculty with the development strategy of the university and the specifics of the EP;
- the teachers have created favorable working conditions, have their own workplaces equipped with computers, access to the Internet, to library resources;

- availability of the system of professional development of teachers and staff, their career growth, targeted actions to develop young teachers who have the opportunity to learn a foreign language, to train in similar programs of international universities, to study in doctoral and postgraduate studies on cooperation agreements with Russian universities.

According to the Standard "Educational resources and student support systems":

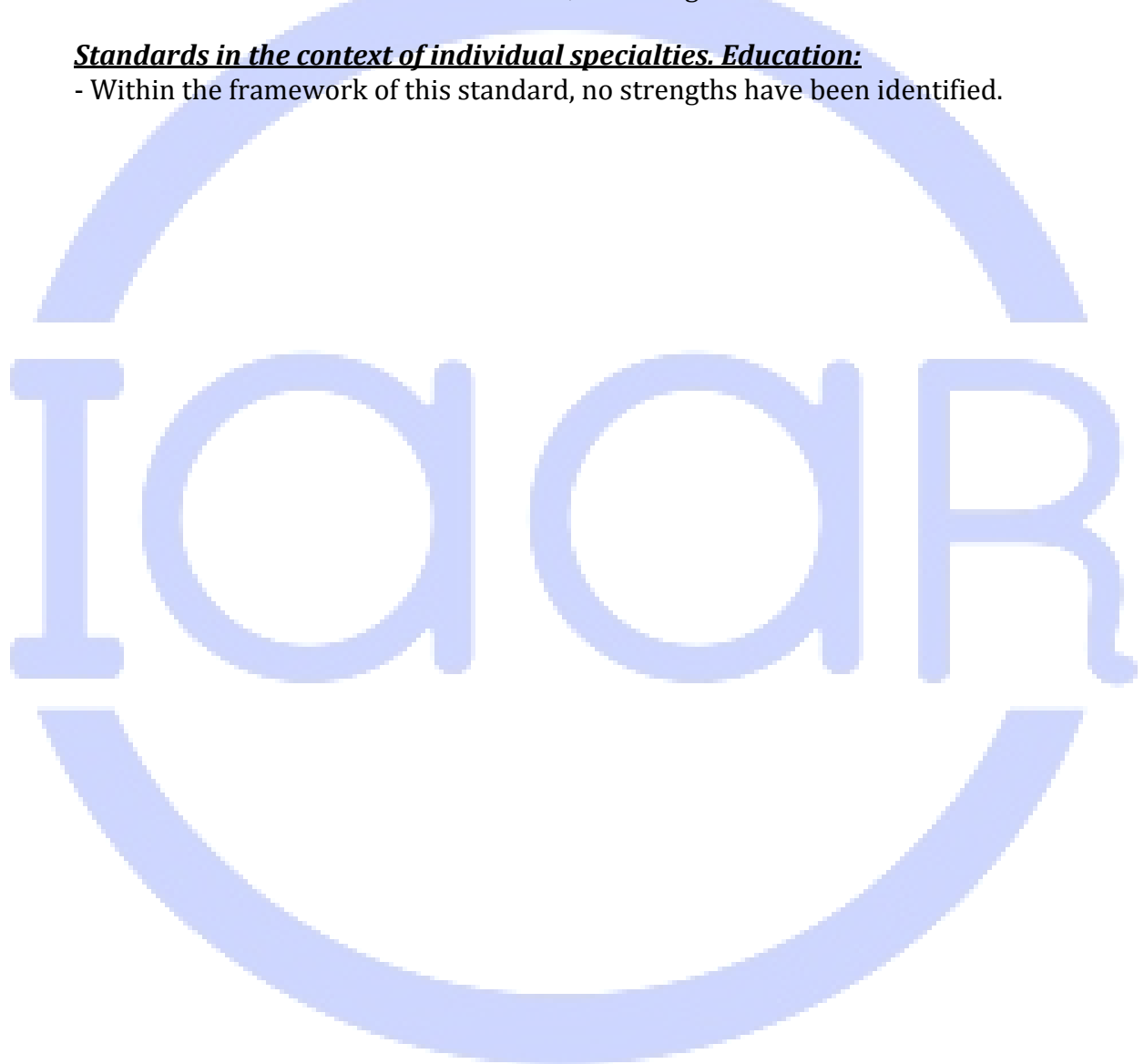
- free access to educational Internet resources, the operation of free high-speed WI-FI throughout the organization.

According to the Public Information Standard:

- Within the framework of this standard, no strengths have been identified.

Standards in the context of individual specialties. Education:

- Within the framework of this standard, no strengths have been identified.



(VIII) REVIEW OF RECOMMENDATIONS FOR IMPROVING QUALITY BY EACH STANDARD

Review of recommendations for EP 5B011200 - Chemistry, 5B011300 - Biology, 5B011600 - Geography, 6M011200 - Chemistry, 6M011300 - Biology:

According to the standard "Management of the educational program":

1. Develop a clear procedure for monitoring the development and implementation of EP, identifying measurable indicators for assessing the achievement of learning goals, and expected results.
2. Clearly distribute the responsible teachers for the business processes of development and implementation of EP.
3. Systematically analyze and compare educational programs to be accredited with similar programs at the national and international levels in order to identify strengths and weaknesses and determine the uniqueness and individuality of our own EPs.
4. Systematize the assessment of the risks of the development of the EP and develop a mechanism for reducing them, including such factors as the development and improvement of the EP, risk management, monitoring, decision-making based on facts.
5. To determine the mechanism of innovation management and implementation of innovative proposals in the framework of the EP.

According to the Information Management and Reporting Standard:

1. To improve the functioning of the system for collecting, analyzing and managing information based on the use of modern ICT and software devices.
2. To provide documentary evidence of the personal consent of students, employees and teaching staff to the processing of personal data.
3. Develop procedures for assessing the effectiveness and efficiency of activities under the accredited EP.

According to the Standard "Development and approval of the educational program":

1. To specify the goals, the expected learning outcomes and competencies for the content of educational disciplines of the EP in accordance with their specificity and level of training.
2. Consider the possibility of including in the EP disciplines that form additional competencies of students, such as the "Basics of Entrepreneurship" and also the possibility of preparing students for professional certification.
3. Expand international relations in the direction of developing joint educational programs with foreign educational organizations.

According to the Standard "Continuous Monitoring and Periodic Evaluation Educational programs:

1. Systematically carry out work on updating the EP, with the publication of all changes on the website of the university, with the involvement and information of all interested parties.

According to the Standard "Student-centered learning, teaching and assessment of progress":

1. Strengthen the provision of transparency and consistency of assessment procedures for students with vocational education to planned learning outcomes and goals

for each educational program, especially graduate programs. Evaluators regularly improve their skills in this area.

2. Consider the possibility of including additional foreign languages in the content of the EP as electives (French, German), strive to increase the possibility of teaching academic subjects in Russian.

According to the Standard "Learning":

1. Develop a research program for students and undergraduates in an accredited EP, more widely involve students in research within the framework of existing research projects accredited by the EP;

2. Expand the possibilities of external and internal academic mobility of students in the context of educational programs being accredited and assist in obtaining external grants for training;

3. Ensure the functioning of the University Alumni Association.

According to the Standard "Teaching staff":

1. To promote the development of academic mobility of teaching staff in the context of accredited educational programs and to attract the best foreign and domestic teachers;

2. Consider the possibilities of encouraging the scientific activities of faculty members in their integration with education and the use of innovative teaching methods;

3. To consider the possibility of passing internships of teaching staff and program managers in other educational organizations implementing similar EPs.

According to the Standard "Educational resources and student support systems":

1. To increase the share of the classroom fund equipped with stationary multimedia equipment (projector, screen).

2. Inspect the exhaust equipment in the laboratories of the Chemistry EP and replace the obsolete.

According to the Public Information Standard:

1. To ensure publication on the website of the university of audited financial statements.

2. Post links to external resources based on the results of external assessment procedures.

Standards in the context of individual specialties. Education:

1. To consider the possibility of including at least one discipline in the educational plan of accredited EP, taught by a practitioner-specialist.

Annex 1. THE CONCLUSION OF THE COMMISSION ON THE ASSESSMENT OF EDUCATIONAL PROGRAMS

N o	N o	Criteria for evaluation	Position of the organization of education			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
Standard "Educational Program Management"						
1	1	The university must have a published quality assurance policy.		+		
2	2	The quality assurance 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 the OP.		+		
4.	4.	Commitment to quality assurance should relate to any activity performed by contractors and partners (outsourcing), including in the implementation of joint double-diploma education and academic mobility.		+		
5	5	The EP's management ensures the 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 on meeting the needs of the state, employers, stakeholders and students.		+		
6	6	EP management demonstrates the functioning of the formation mechanisms and regular review of the EP development plan and monitoring its implementation, assessing the achievement of learning objectives, meeting the needs of students, employers and society, making decisions			+	

		aimed at continuous improvement of the EP.				
7	7	EP management should involve representatives of groups of stakeholders, including employers, students and teaching staff in the development of a development plan for EP.		+		
8	8	The EP management must demonstrate the individuality and uniqueness of the EP development plan, its consistency with the national development priorities and the development strategy of the educational organization.			+	
9.	9.	The university should demonstrate a clear definition of those responsible for business processes, within the framework of the EP, the unambiguous distribution of job responsibilities of staff, the delineation of the functions of collegial bodies.			+	
10	10.	EP management must provide evidence of the transparency of the educational program management system.		+		
11	11	The EP management must demonstrate the successful functioning of the internal quality system of the EP, including its design, management and monitoring, their improvement, and making decisions based on facts.			+	
12	12.	EP management must implement risk management.		+		
13	13.	EP management must ensure the participation of representatives of interested parties (employers, teaching staff, students) in the collegial bodies of the educational program management, as well as their representativeness in making decisions on the management of the educational program.	+			
14	14.	The university should demonstrate the management of innovations in the framework of the EP, including the analysis and implementation of innovative proposals.			+	
15	15.	EP management must demonstrate evidence of openness and accessibility for students, teaching staff, employers and other interested parties.		+		

16	1 6	EP management must be trained in educational management programs.		+		
17	1 7	The EP management must strive to ensure that the progress made since the last external quality assurance procedure was taken into account in preparing for the next procedure.		+		
Total standard			1	11	5	0
Information Management and Reporting Standard						
18	1.	The university should ensure the functioning of the system for collecting, analyzing and managing information through the use of modern information and communication technologies and software.			+	
19	2	The EP management must demonstrate a systematic use of the processed, adequate information to improve the internal quality assurance system.		+		
20	3	Within the EP there should be a system of regular reporting, reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of the departments and departments, and research.		+		
21	4.	The university should establish the frequency, forms and methods of evaluating the management of EP, the activities of collegial bodies and structural divisions, senior management, the implementation of research projects.		+		
22	5	The university must demonstrate how to determine the order and ensure the protection of information, including determining those responsible for the accuracy and timeliness of information analysis and data presentation.		+		
23	6	An important factor is the involvement of students, employees and teaching staff in the process of collecting and analyzing information, as well as making decisions based on them.		+		
24	7	The EP management must demonstrate the existence of a communication mechanism with students, employees and other stakeholders, including the existence of conflict resolution mechanisms.		+		

25	8	The university should provide a measure of the degree of satisfaction of the needs of faculty, staff and students in the framework of the EP and demonstrate the evidence to eliminate the detected deficiencies.		+		
26	9.	The university should evaluate the effectiveness and efficiency of activities, including in the context of the OP.			+	
		The information collected and analyzed by the university within the EP should take into account:				
27	1	key performance indicators;		+		
	0					
28	1	the dynamics of the contingent of students in the context of forms and types;	+			
29	1	level of achievement, student achievement and expulsion;	+			
	2.					
30	1	students' satisfaction with the implementation of the EP and the quality of education at the university;	+			
	3.					
31	1	availability of educational resources and support systems for students;		+		
	4.					
32	1	Employment and career growth of graduates.	+			
	5.					
33	1	Trainees, employees and teaching staff must document their consent to the processing of personal data.			+	
	6					
34	1	EP management should assist in providing all relevant information in relevant fields of science.		+		
	7					
Total standard			4	10	3	0
Standard "Development and approval of educational programs"						
35	1.	The university should determine and document the procedures for the development of the EP and their approval at the institutional level.	+			
36	2	EP management must ensure that the developed EPs comply with the established goals, including the expected learning outcomes.		+		
37	3	EP management must ensure the availability of developed models of graduate EP, describing learning outcomes and personal qualities.		+		

38	4.	The management of the EP must demonstrate an external examination of the OP.		+		
39	5.	Qualifications obtained at the end of the EP should be clearly defined, explained and correspond to a certain level of the NSC.	+			
40	6	The management of EP should determine the impact of disciplines and professional practices on the formation of learning outcomes.		+		
41	7	An important factor is the possibility of preparing students for professional certification.			+	
42	8	EP management must provide evidence of the participation of students, faculty and other stakeholders in the development of EP, ensuring their quality.		+		
43	9.	The complexity of the EP should be clearly defined in Kazakhstan loans and ECTS.		+		
44	10	The management of EP should provide the content of academic disciplines and learning outcomes to the level of education (bachelor, master, doctoral).		+		
45	11	The structure of the EP should provide for various activities corresponding to the learning outcomes.		+		
46	12.	An important factor is the presence of joint EPs with foreign educational organizations.			+	
Total standard			2	8	2	0
Standard "Continuous monitoring and periodic evaluation of educational programs"						
47	1.	The university should monitor and periodically evaluate the EP in order to achieve the goal and meet the needs of students and society.		+		
		Monitoring and periodic evaluation of the EP should consider:				
48	2	the content of the programs in the light of the latest achievements of science in a particular discipline to ensure the relevance of the taught discipline;		+		
49	3	changes in the needs of society and the professional environment;		+		

50	4.	workload, performance and graduation of students;		+		
51	5	the effectiveness of student assessment procedures;		+		
52	6	expectations, needs and satisfaction of students with EP training;		+		
53	7	educational environment and support services and their compliance with the objectives of the EP.		+		
54	8	The university and the administration of the EP must provide evidence of the participation of students, employers and other stakeholders in the revision of the EP.		+		
55	9.	All interested parties should be informed of any planned or taken actions in relation to the EP. All changes made to the EP should be published.			+	
56	10.	The EP management must ensure a review of the content and structure of the EP, taking into account changes in the labor market and the requirements of employers in the social demand of society.		+		
Total standard			0	9	1	0
Standard "Student-centered learning, teaching and assessment of progress"						
57	1	EP management must ensure respect and attention to various groups of students and their needs, providing them with flexible learning paths.		+		
58	2	The management of EP should ensure the use of various forms and methods of teaching instruction.		+		
59	3	An important factor is the availability of own research in the field of teaching methods of academic disciplines OP.	+			
60	4.	EP management must demonstrate the presence of a feedback system on the use of various teaching methods and evaluation of learning outcomes.		+		
61	5	The management of the EP must demonstrate support for the autonomy of students with simultaneous guidance and assistance from the teacher.		+		
62	6	The management of EP must demonstrate the presence of a procedure for responding to students' complaints.	+			

63	7	The university must ensure the consistency, transparency and objectivity of the mechanism for assessing learning outcomes for each EP, including the appeal.			+	
64	8	The university must ensure that the procedures for evaluating the results of teaching students of the EP correspond to the planned learning outcomes and objectives of the program. Criteria and assessment methods in the framework of the EP should be published in advance.			+	
65	9.	In a higher education institution, mechanisms should be defined to ensure that each graduate of the PF will master the learning outcomes and ensure their completeness.			+	
66	10.	Assessors should possess modern methods of assessing learning outcomes and regularly improve their skills in this area.			+	
Total standard			2	7	1	0
Standard "Students"						
67	1	The university should demonstrate the policy of forming a contingent of students in the context of the EP from admission to graduation and ensure the transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) must be defined, approved, published.			+	
68	2	The EP's management must demonstrate the implementation of special adaptation and support programs for new and foreign students.			+	
69	3	The university must demonstrate the compliance of its actions with the Lisbon Recognition Convention.			+	
70	4.	The university should cooperate with other educational organizations and national centers of the European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers E N I C / N A R I C in order to ensure comparable recognition of qualifications.			+	
71	5.	EP management must demonstrate the presence 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	6	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	7	The management of EP should make the maximum amount of effort to provide students with places of practice, to promote employment graduates, keeping in touch with them.	+			
74	8.	The university must provide graduates of the EP with documents confirming their qualifications, including the achieved learning outcomes, as well as the context, content and status of the education received and evidence of its completion.		+		
75	9.	An important factor is the monitoring of employment and professional activities of graduates of EP.	+			
76	10	The management of EP should actively encourage students to self-education and development outside the main program (extracurricular activities).		+		
77	11.	An important factor is the existence of a valid alumni association.			+	
78	12.	An important factor is the availability and mechanism of support for gifted students.		+		
Total standard			2	9	1	0
Standard "Faculty"						
79	1	The university should have an objective and transparent personnel policy, including in the context of the EP, including hiring, professional growth and staff development, ensuring the professional competence of the entire state.	+			
80	2	The university should demonstrate the compliance of the staff potential of the faculty with the development strategy of the university and the specifics of the EP.	+			
81	3	EP management must demonstrate an awareness of responsibility for its employees and ensuring favorable working conditions for them.	+			

82	4.	The management of EP must demonstrate a change in the role of the teacher in connection with the transition to student-centered learning.		+		
83	5.	The university should determine the contribution of the teaching staff of the EP to the implementation of the development strategy of the university, and other strategic documents.		+		
84	6	The university should provide opportunities for career growth and professional development of teaching staff of the EP.	+			
85	7	The management of EP should involve practitioners from relevant fields in the teaching.			+	
86	8.	The management of EP should provide targeted actions for the development of young teachers.	+			
87	9.	The university must demonstrate the motivation of professional and personal development of teachers of EI, including the promotion of both the integration of scientific activities and education, and the use of innovative teaching methods.		+		
88	10.	An important factor is the use of an active PPP EP information and communication technologies in the educational process (e.g. Portfolio, MEP, etc.).		+		
89	11.	An important factor is the development of academic mobility in the framework of the EP, attracting the best foreign and domestic teachers.			+	
90	12.	An important factor is the involvement of teaching staff in the community (the role of teaching staff in the education system, in the development of science, the region, creating a cultural environment, participation in exhibitions, creative competitions, charity programs, etc.).		+		
Total standard			5	5	2	0
Standard "Educational Resources and Student Support System"						
91	1	EP management must demonstrate the adequacy of material and technical resources and infrastructure.		+		

92	2	EP management must demonstrate the availability of procedures to support various groups of students, including information and counseling.		+		
		The EP management must demonstrate the compliance of information resources with the specifics of the EP, including compliance with:				
93	3	technological support for students and teaching staff in accordance with EP (for example, online training, modeling, databases, data analysis programs);		+		
94	4.	library resources, including the fund of educational, methodical and scientific literature on general educational, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;		+		
95	5.	examination of research results, final papers, dissertations on plagiarism;	+			
96	6	access to educational online resources;		+		
97	7	WI-FI functioning on the territory of the organization of education.		+		
98	8	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 their respective fields.		+		
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 various groups studying in the context of EP (adults, workers, foreign students, and students with disabilities).		+		
Total standard			1	9	0	0
Standard "Public Information"						
		The information published by the university in the framework of the EP should be accurate, objective, relevant and should include:				
101	1.	implemented programs, indicating the expected learning outcomes;			+	
102	2	information about the possibility of assigning qualifications at the end of the EP;		+		

10 3	3	information about teaching, learning, assessment procedures;		+		
10 4	4.	information about the scores and training opportunities provided by students;		+		
10 5	5.	Information about job opportunities for graduates.		+		
10 6.	6	EP management should use a variety of ways to disseminate information, including the media, information networks to inform the general public and stakeholders.		+		
10 7.	7	Public information should include support and clarification of national development programs of the country and the system of higher and postgraduate education.		+		
10 8	8	The university should publish on its own web resource audited financial statements, including in the context of the EP.			+	
10 9.	9.	The university should demonstrate the information on the web resource that characterizes the university as a whole and in the context of the EP.		+		
11 0.	1 0	An important factor is the availability of adequate and objective information about the teaching staff of the OP, in the context of personalities.		+		
11 1.	1 1	An important factor is informing the public about cooperation and interaction with partners in the framework of EP, including scientific consulting organizations, business partners, social partners and educational organizations.		+		
11 2	1 2.	The university should post information and links to external resources on the results of external assessment procedures.		+		
11 3.	1 3.	An important factor is the participation of the university and implemented EP in a variety of external assessment procedures.		+		
Total standard			0	11	2	0
Standards in the context of individual specialties						
EDUCATION						
		Educational programs in the direction of " education " must meet the following requirements:				
11 4	1	The EP's management must demonstrate that graduates have a program of theoretical knowledge in the field of		+		

		psychology and skills in communications, analysis of personality and behavior, methods of conflict prevention and resolution, student motivation;				
11 5	2	EP management must demonstrate the literacy of graduates of the program in the field of information technology;		+		
11 6.	3	The management of the EP must demonstrate the presence of disciplines that teach. teaching methods and training planning, incl. interactive teaching methods, teaching methods with high involvement and motivation of students (games, case studies / situations, multimedia);		+		
11 7.	4.	The management of EP must demonstrate to the students the ability to teach self-study skills;		+		
11 8	5.	Within the framework of the EP, emphasis should be placed on various types of practices: - attendance of lectures and classes held by teachers; - holding special seminars and discussions of the latest methodologies and learning technologies; - within the framework of the program, students should be able to attend at least one discipline in the field of their specialization taught by a practitioner;			+	
11 9.	6	Within the framework of EP, students should be provided with the knowledge and skills of systems and methods of pedagogy in the world, as well as knowledge in the field of education management.		+		
Total standard			0	5	1	0
Total standard			17	84	18	0