

**INDEPENDENT AGENCY OF ACCREDITATION AND RATING**  
*External commission of experts*

**It is addressed  
To the accreditation  
council of IAAR**



**Independent agency for  
accreditation and rating**

**REPORT**

**EXTERNAL COMMISSION OF EXPERTS (ECE)**

**ABOUT RESULTS OF SPECIALIZED ACCREDITATION  
OF EDUCATIONAL PROGRAMS**

**5B060800 – ECOLOGY, 5B011600 – GEOGRAPHY AND 6M060800 – ECOLOGY,  
6M011600 – GEOGRAPHY AND 6M060700 - BIOLOGY**

**RGP on PHY " KOKSHETAU STATE UNIVERSITY NAMED AFTER  
SHUALIKHANOV"**

**from December 8 to December 10, 2015.**

Kokshetau 2015

According to the order of Independent Agency of Accreditation and Rating the Order No. 35-15 of December 4, 2015 in KSU named after Ualikhanov the External Commission of Experts carried out the assessment of compliance of educational programs to the name to standards of specialized accreditation of IAAR from December 8 to December 10, 2015. The report of the external commission of experts (ECE) contains an assessment of the presented educational programs of the organization of education to criteria of IAAR, the recommendation of ECE about further improvement of educational programs and parameters of a profile of educational programs of KSU named after Ualikhanov.

Structure of ECE:

1. The chairman of the commission – Shunkeev Kuanyshbek Shunkeevich, Doctor of physical and mathematical sciences, professor, Aktyubinsk regional university t named after K.Zhubanov (Aktobe);
2. The foreign expert - Ibatullin Rinat Rivkatovich, Candidate physical and mathematical sciences, the associate professor, Kazan federal university, the expert of "Guild of experts" (Russia, Kazan);
3. The expert - Gusmanova Farida Ravilovna, Candidate of physical and mathematical sciences, the associate professor, Kazakh national university named after Abay (Almaty);
4. The expert – Gazizova Aygul Idrisovna, Doctor of Biology, professor, Kazakh agrotechnical university named after S. Seyfullin (Astana);
5. The expert - Ivleva Nadezhda Vladimirovna, Candidate of Pedagogy, associate professor. Kazakh National University named after Abay (Almaty);
6. The expert - Abenova Elena Anatolyevna, Candidate of Pedagogy, the associate professor, New Economic University named after T. Ryskulov (Almaty);
7. The expert - Burganova Roza Ildarovna, Candidate of Pedagogy, associate professor Kazakh University of Economy, Finance and International Trade (Astana);
8. The observer from Agency – Mukhtarova Inara Alkenovna, the project manager of institutional and specialized accreditation of NAAR (Astana);
9. The employer – Dondagulova Zhaniya Serikovna, the Deputy head of GU "Department of Formation of Kokshetau" (Kokshetau);
10. The student – Batayev Sabit, the undergraduate of I course of the specialty "Mathematics", the Eurasian National University named after L. Gumilev

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## 1. REPRESENTATION OF KOKSHETAU STATE UNIVERSITY NAMED AFTER SH. UALIKHANOV AND EDUCATIONAL PROGRAMS

According to the resolution of Council of Ministers of KSSR No. 563 of July 25, Kokchetav Teachers' training Institute was opened in 1962. In March 29, I.S. Gorokhovodatskiy, Candidate of History was appointed the rector of the Institute. In 1965 by the decision of Council of Ministers of Kazakh Soviet Socialist Republic No. 241 Kokchetav Teachers' Training Institute was given the name of the first Kazakh scientist-educator Chokan Chingizovich Valikhanov.

In accordance with the resolution of the Ministry of Education of the Republic of Kazakhstan of May 23, 1996 No. Kokshetau Teachers' Training Institute named after Ch. Ch. Valikhanov was subjected to elimination, on its base the new HIGHER EDUCATIONAL INSTITUTION – Kokshetau University named after Sh.Sh.Ualikhanov including Agricultural Institute and the branch of Karaganda Polytechnical Institute was established. The doctor of physical and mathematical sciences, professor Abai Ahmetkalievich Aytmukhambetov became the first rector of the University.

In 2001 According to the Resolution of the government of the Republic of Kazakhstan the Kokshetau University named after Sh. Ualikhanov was renamed into the Republican state enterprise "Kokshetau State University named after Shokan Ualikhanov". According to the resolution of the government of RK of April 28, 2012 No. 544 the Republican state enterprise "Kokshetausky State University named after Sh. Ualikhanov" of the Ministry of Education and Science of the Republic of Kazakhstan was reorganized into the Republican state enterprise on the right of economic maintaining "Kokshetau State University named after Sh. Ualikhanov" of the Ministry of Education and Science of the Republic of Kazakhstan.

By results of national institutional accreditation in 2013 the University is accredited for a period of five years. By results of specialized accreditation 16 educational programs are accredited for a period of five years.

In the rating which is carried out by the Center of Bologna Process and the academic mobility of MAUN RK in 2014 two specialties of KSU named after Sh. Ualikhanov took the 3rd place: 5B011200 – Chemistry and 5B091200 – Restaurant business and hotel business.

In the rating which is carried out by Independent Agency of Accreditation and Rating in 2014, 7 specialties took the leading positions:

1 place

6M011300 – Biology

2 place

5B011400 – History

5M011900 – the Foreign language: two foreign languages

5M020300 – History

3 place

5B011800 – Russian and literature

5B020700 – Translation business

5M011800 – Russian and literature

In the rating which was carried out by Independent Agency of Accreditation and Rating in 2015, 3 specialties took the leading positions:

2 place

6M080600 – Agrarian equipment and technology

3 place

5B011600 – Geography

6M060600 – Chemistry

In 2015 Kokshetau State University named after Sh. Ualikhanov became the member of the European Association and Eurasian Association of universities.

Today Kokshetau state university named after Sh. Ualikhanov is a higher educational institution which is the leader at the regional market of educational services. In 2013 it successfully passed the state certification, in 2012 - the recertification on compliance to the ISO 9001-2008 international standards confirming high level of educational, educational, personnel, financial and other processes of higher education institution.

For aspiration to reach quality production (services) according to European standards KSU named after Sh. Ualikhanov was honored the sign of the International award "the EUROPEAN QUALITY".

In 2009 within the program "Leaders of the XXI Century" KGU named after Sh. Ualikhanov was honored the International award "Millennium" for effective use in the professional sphere of the advanced modern technologies, development and deployment of extraordinary, progressive decisions. In September, 2010 the Great Charter (The Bologna declaration) was signed.

The university realizes the joint two-degree educational Master's Degree program with Omsk state university named after Dostoyevsky: Chemistry, Mathematics, the Foreign language: 2 foreign languages, Computer facilities and software, Pedagogies and psychology.

Now the university carries out training on 53 specialties of Bachelor's degree on full-time, evening and correspondence forms of education, 28 specialties of Master's Degree and 4 specialties PhD studies.

More than 300 teachers work at 23 specialized departments. Among them – 22 doctors of science, 14 professors, 77 candidates of science, 52 associate professors, 34 owners of a grant "The best teacher of higher education institution of the Republic of Kazakhstan" that testifies high professionalism of teaching structure and inexhaustible creative energy.

For activation of research activity and expansion of a circle of applied tasks new scientific laboratories and institute were opened: The Eurasian center of a sustainable development the NOOSPHERE named after Vernadsky, laboratory of nuclear magnetic resonance spectroscopy, laboratory of wind power installations from composite materials, Scientific institute of research of the region, research laboratory of agroinnovations, laboratory of linguistics.

The infrastructure of higher educational institution represents four modern educational buildings equipped with the latest computers, linguistic multimedia offices. Annually the library stock numbering over 700 thousand copies of books is replenished.

The mission of the higher educational institution is formation of the scientific and educational environment by Kokshetau State University named after Sh. Ualikhanov in which training of the highly qualified specialists demanded at the labor market of the northern region of Kazakhstan and in the country in general and specialists having values, knowledge and competences according to the current requirements of society is realized.

The activity of the University is carried out according to the state license on the right of rendering educational services (No. 120191 of 11 December 2012), given-out by MES RK.

The supreme collegial body of management of the university is the Academic council which acts under the Charter and the Provision on the Academic council.

The academic policy of KSU named after Sh. Ualikhanov in the field of quality is directed on compliance to requirements of the international accreditation, priorities of industrial and innovative development of Kazakhstan, innovative approaches to formation of the maintenance of educational programs of specialties. The policy in the field of quality is focused on satisfaction of needs of employers for highly qualified, competitive and demanded specialists; continuous improvement of quality of educational activity on the basis of introduction of use of



innovative educational technologies; carrying out competitive scientific researches, according to strategic problems of development of the region; ensuring integration into the international educational space by means of realization of the academic mobility, development of programs of "double diplomas", attraction to collaboration of the leading foreign experts, uses of instruments of the international accreditation.

The educational activity in the higher educational institution is conducted on three-level system of training: a Bachelor's degree – a Master's degree – PhD. Reception is carried out on the basis of the state educational grants and on a contractual basis. The university takes the leading positions among higher educational institutions of the republic in the number of owners of the state grant "Мәңгілік ел-индустрияға".

The material base of higher educational institution includes 5 reading rooms, the biological museum, educational laboratories, SRL and ERL, sports and health-improving complex, gyms, a dispensary "Arasan", educational workshops, dining rooms, hostels. A special pride is the sports camp "Tulpar" located in the Zerenda recreation area of Akmolinsk area, the comfortable "House of the student", the dispensary "Arasan". For developing of practical skills of the students the educational scientific-industrial complex "Elite" was created.

The access to catalogs of the Republican interuniversity electronic library, the Kazakh National electronic library and to world databases: "Springer Link", "Thomson Reuters", "ELSEVIER", "POLPREDSOM", "RGB" etc. is provided at the university.

The university seeks for use of information technologies: AIS "Platonus", system of electronic document flow, site, etc. The official site of higher education institution of [www.kgu.kz](http://www.kgu.kz) functions in 3 languages: Kazakh, Russian, English. Strategy, mission, information on educational process, the international programs, results of accreditation and a rating of educational programs and other important information are published on the website.

## **2. GENERAL ASSESSMENT OF THE EDUCATIONAL PROGRAM**

The development plan of EP and purpose are formed with involvement of all interested parties on the basis of the analysis of the external and internal environment, monitoring of satisfaction of the trained and TS. The development plan and the purposes for ensuring transparency and availability pass joint discussion and are published on the website for all interested persons.

The purpose of EP answer the interests of consumers of educational services and adequately provide the expected professional standard of graduates according to the development plan of educational programs of specialties. EP provides opportunities for periodic updating of the contents of programs, creation of individual educational trajectories. The description of results of preparation is detailed and allows to diagnose their achievement. The amount of time necessary for the development of programs and their components is sufficient for receiving the declared results. The form and the content of control of results of development of programs are approached to conditions of professional activity and allows to estimate readiness of the trained to the decision of the professional tasks

RSE on REM "Kokshetau State University named after Sh. Ualikhanov" carries out its activity on the basis of the State license for the right of rendering educational services: No. 12019134 of December 11, 2012, given-out by MES RK. Educational programs 5B060800 "Ecology", 5B011600 - Geography (the state license No. 12019134 (appendix No. 004), given on 20.11.13. KKSON of MES RK), 6M060800 "Ecology", 6M011600 - Geography and 6M060700 - Biology (the state license a series No. 12019134, (the appendix No. 002 of 11.12.12), given out by Committee on control in education and MES RK'S sciences), are realized according to the State program of the development of education of RK for 2011-2020, the State obligatory standards

of formation of RK, the Strategic development plan of KSU named after Sh. Ualikhanov for 2014-2018 (on September 25, 2014)

The contents of educational programs are developed taking into account modern achievements of science and technology and requirements of production. The catalog of elective disciplines (CED) and working training programs is annually updated.

The assessment of educational achievements and level of training of students and undergraduates is provided due to use of mark and rating system. Ensuring the demanded quality of training of specialists is carried out with application of modern educational technologies. The performer of the main educational processes are highly skilled TS. Planning, management and the realization of educational programs is enabled in compliance to the strategic development plan of KSU named after Sh. Ualikhanov for 2014-2018.

The development plan of EP and the purpose are formed with involvement of all interested parties on the basis of the analysis of the external and internal environment, monitoring satisfaction of trained and TS. The development plan and the purposes for ensuring transparency and availability pass joint discussion and are published on the website for all interested persons.

The purposes of EP answer interests of consumers of educational services and adequately provide the expected professional standard of graduates according to the development plan of educational programs of specialties. EP provides opportunities for periodic updating of the contents of programs, creation of individual educational trajectories. The description of results of preparation is detailed and allows to diagnose their achievement. Time volume necessary for the development of programs and their components is sufficient for receiving the declared results. The form and the content of control of results of development of programs are approached to conditions of professional activity and allow to estimate readiness of the trained to the decision of professional tasks

Educational programs 5B060800 - Ecology, 5B011600 - Geography and 6M060800 - Ecology 6M011600 - Geography and 6M060700 - Biology have the following positive sides:

the development plan of educational programs passes public discussion with representatives of all interested parties, identity and uniqueness of the development plan EP, its coherence with national priorities of development and strategy of development the organization of education is provided;

- ensuring compliance of the faculty to qualification requirements, level and specifics of the educational program;
- the training environment is created reflecting specifics of educational programs including the personified interactive resources (with the access at nonlearning time) training materials and tasks, etc.
- organization of educational process on the basis of credit technologies of training;
- orientation of the contents on formation of the practice-focused preparation of the trained;
- cooperation with typical employers during educational process, questioning of employers on identification of their opinion on quality of educational services;
- automation of control of knowledge and the accounting of the educational achievements of the trained;
- functioning of the electronic library with unlimited access to library resources;
- availability of free-of-charge Wi-Fi;
- availability and completeness of EMC on all disciplines of educational programs;
- high level of informatization of educational process.

### 3. DESCRIPTION VISIT IEC

Visit of foreign expert committee in Sh.UalikhanovKokshetau State University was organized in accordance with a program agreed in advance with the Chairman of the IEC (annex) and approved by the rector of the university.

In order to coordinate the work of IEC, a setting meeting was held on December 8, 2015, during which the powers were distributed between the members of the Commission, the schedule of the visit was clarified and the selection of examination methods was agreed.

WEC Meetings with the focus groups were held in accordance with the updated program of the visit, with the observance of the established time period. Sh.UalikhanovKokshetau State University team ensured the presence of all the persons mentioned in the program of the visit.

During the visit, in addition to working with the Task Force, talks with students, undergraduates and high school teachers, graduates and employers were held.

#### Information about the colleagues and students, participated in meetings with IEC IAAR

Category of participants	amount
Rector	
Prorectors	
Deans	
Heads of chairs	
Heads of departments	
Students	
Undergraduates, doctoral	
Graduates	
Employers	
<b>Total</b>	

WEC members attended training sessions on accredited educational programs:

1. Educational program 5B060800 - "Environment" and 5B011600 - "Geography": 1) Geoecology (lecture) (3 year, specialty "Ecology", 4 year, specialty "Geography", Lecturer O.P. Isayenko, Rm. 701, main building); 2) «Environmental Impact Assessment» (practical lesson) (4 year, specialty "Ecology", the teacher K.B. Bekenova, Rm. 708, main building); 3) Zhalpyzhertanu (lecture) (1 year, Master of Geography, Lecturer B.H. Esenzholov).

2. Educational program 6M060800 - Ecology and 6M011600 - Geography: 1) Monitoring of aquatic ecosystems (lecture) (2 year, PhD, Lecturer, I.B. Fahrudanova, Rm. 701); 6M011600 - Geography 1) Su resurstarynyñ integraldan an menedzhmenti (lecture) (2 year, candidate of Agricultural sciences., Lecturer R.K. Khusainova, Rm. 707).

3. Educational program 6M060700 - "Biology": 1) lecture on "Kazakhstan botanikalyk resurstanuy" (2nd year, PhD, assistant professor S.N. Durmekbaeva, Rm. 717, building №1); 2) lecture on the subject "Zhofary oqu ornyn dabiologiyany okytu adistemesi" (2nd year, PhD, assistant professor S.N. Durmekbaeva, Rm. 717, building №1).

The members of the WEC checked the following EMC:

1. Educational program 5B060800 "Environment" - "Biological environment", k.b.s. I.B. Fahrudanova, Master of Ecology R.M. Tazitdinova, 2) "Radiatsiondyk ecology", Master of Ecology A.A. Agaydarova.

2. Educational program 5B011600 "Geography" - "Geology", Master of Biology O.P.Isayenko, 2) "GIS mapping of economic processes," Master of Science I.G.Plachinta.

3. Educational program 6M060800 "Ecology" - 1) "Monitoring of aquatic ecosystems", Ph.D. I.B.Fahrudanova, R.M.Tazitdinova, 2) «New technologies of rational utilization of biological resources and raw materials», Ph.D. A.S.Kurmanbaev.

4. Educational program 6M011600 "Geography" - 1) «Modeling of dangerous hydrological processes», Ph.D. A.A.Kakabaev; 2) "Meteorologiyalykatmosferanyzertteu", candidate of agricultural sciences.R.K.Khusainova.

5. Educational program 6M060700 "Biology" - 1) "Kletkalyk biology", PhD, associated professor S.H. Durmekbaeva; 2) "Modern methods of research", PhD, associated professor N.M. Safronova; 3) "Cell Biology", PhD, associated professor N.M.Safronova

During the tour, members of the WEC got acquainted with the material and technical equipment, visited the museum, library, classrooms and laboratories, specialized classrooms, computer labs, Student's house, departments, divisions, canteen, sports complex.

The experts visited the practices base: JSC "Kokshetau mineral waters", SSPE "Kokshetau" Nazarbayev Intellectual School.

Activities planned during the visit IEC IAAR contributed detailed acquaintance with the educational infrastructure, university logistic resources, teaching staff, representatives of employers organizations, students and graduates. This allowed the members of the WEC NAAR to make up an independent assessment of compliance with the data contained in the reports of the self-evaluation of university educational programs to the specialized accreditation standards criteria.

As part of the planned program, recommendations to improve the activities of the university, developed on the basis of the IEC examination, were presented at a meeting with the leadership on December 10, 2015.

#### **4. COMPLIANCE TO THE STANDARDS OF THE SPECIALIZED ACCREDITATION**

##### ***4.1. "Management of the educational program" standard***

Strategic planning of the development of educational programs: 5B060800 - Ecology, 5B011600 - Geography and 6M060800 - Ecology, 6M011600 - Geography and 6M060700 - Biology is based on published on the official website of the Sh.Ualikhanov KSU Strategic Plan for 2014-2018 academic years and the Quality Policy.

The EP 5V011600 - Geography took the 3rd place in the ranking, conducted by an independent agency for accreditation and rating in 2015.

Objectives of the Department of Geography, Environment and Tourism and Biology and the TM are in the implementation of training through the development of innovative scientific and educational environment, the competent qualified multilingual specialists with fundamental and applied knowledge in the field of ecology, biology, geography, tourism and hospitality, capable of self-realization, including in emerging areas of knowledge, the most important areas of professional and public life; ready to solve problems in new and innovative professional and life situations, taking into account the social and ethical responsibility for the decisions.

Activities of the Departments of Geography, Environment and Tourism and Biology and TM and fully comply with the legislation of the Republic of Kazakhstan in the field of education, and are organized in accordance with the goals and objectives, as well as the strategic development plan of the University and aimed at their implementation. The educational process is implemented in accordance with the global educational system, confirmation of which is the signing of the Bologna agreement, the transition to credit technology of training, as well as the signing of cooperation agreements with foreign (University of L'Aquila - Italy, University of



Natural Sciences - Tartu, Estonia, and others. ), Russian (OSPU, Ufa State University, Stolypin VPO OmGAU (Omsk, Russia) and Kazakhstan (Seyfulin KazATU, Al-Farabi Kazakh National University., In EU - Pavlodar, Abay KazNPU and so on) universities.

The EP manual analyses the market demand for educational services. The city and university annually organise the graduates fair, negotiations with the heads of schools, colleges, the Education Departments of Kokshetau and Akmola region, the Ecology Department of Akmola region, SSPE "Burabay", SSPE "Kokshetau", and CSSES MES for graduate employment. Analysis forecast of the region's needs for specialists with higher education for the next five years and a consistently high employment of graduates (90% or more) indicates the need for continued training of specialists in these areas. This allows you to use the available resources effectively and efficiently: human resources, material and technical resources, information resources, established partnership with the above organizations.

The Departments of Geography, Environment and Tourism and Biology and TMs exercise: analysis of data obtained in the course of a systematic survey, to identify the needs of the labor market in the field of education and science taking into account the provisions of the State program of education development of RK for 2011-2020; the real position of educational programs with the assistance of and in accordance with the needs of key stakeholders - students, undergraduates, parents, employers, partners and the public. Plans for development of educational programs are systematically reviewed and discussed under the reports on the Departments of Geography, Environment and Tourism and Biology and TMs' activities for educational programs, as reflected in the documents of the departments. Discussion of plans for development of EP is public, since the meeting with the participation of various stakeholders were held in accordance with the schedule. The educational process of training students and undergraduates is carried out in classrooms and laboratories, specialized classrooms, reading and sports halls, computer labs with Internet access, connected to a local network and research laboratories (Laboratory of NMR spectroscopy, "Water Quality" laboratory, "Toxicology and Food Security" (UIL)). Classrooms are equipped with special furniture, computer equipment, traditional and multimedia and interactive whiteboards, visual stands. The study area used in the learning process, fully complies with sanitary and fire safety standards, regulatory parameters established by SES RK, and ensures the implementation of all kinds of theoretical and practical training of students. The educational process is provided for 100% EMCD submitted in electronic form and placed in the Platonus. In general, education programs are provided with information and library resources and meet the licensing requirements; the development of the resource base and updatable library fund is carried out in accordance with the requirements of SES RK approved by Government Resolution number 1080 on August 23, 2012.

The Departments of Geography, Environment and Tourism and Biology and TMs systematically monitor the training of students in order to ensure the quality of education within the framework of internal quality assurance. The monitoring includes tracking of students' attendance; doing their tasks and CDS; handing in their current assignments, passing mid-term and final control; performing their individual learning plan. Monitoring results are reported to the management and stakeholders, including through the placement of information on the official website of the university, according to the developed, implemented and maintained document procedures for the university quality management system.

Transparency of education programs management is provided through: the availability of information in all areas of the university to interested parties on the website of the university; operation of the feedback system; involving faculty and students in the collegiate bodies of the university; forming the base of regulatory documents and their availability to the AS and students; implementation of information systems supporting the educational programs; the functioning of the quality management system that ensures transparency of planning and

reporting. Management of educational programs is available for interaction with the students, faculty, employers through personal interviewing, e-mail, etc.).

Evaluating the effectiveness of the implementation of strategies, policies and objectives of the university is carried out with the involvement of employers and consumers; each educational program is viewed through a SWOT-analysis, the results of which form the basis for improvement.

Having held meetings, conversations and interviews with the rector, vice-rectors, deans, heads of departments, managers and employees of structural divisions, students, teaching staff, representatives of employers' organizations and alumni, as well as having carried out a survey of students and faculty, detailed acquaintance the Experts with the University educational infrastructure, logistics and information and methodological resources and required documents WEC IAAR notes the following.

**The strengths of the EP are:**

- the development of an educational program based on the Dublin descriptors of the European qualifications framework and the views of employers, the possibility of multilingual education;
- orientation of educational programs to meet the needs of the state, stakeholders and students;
- consistency of training programs with national policies in the field of education, science and innovation development;
- transparency and evidence-based process management implementation and development of educational programs through the activities;
- adequacy of the plan for the educational programs' development with the available resources;
- availability of information systems, accompanying educational process for accredited educational programs.
- material and technical base of educational programs in general allows the learning process to a level consistent with the requirements of state educational standards;

**EP weaknesses are:**

- representativeness of members of stakeholder groups in decision-making on the educational program management;
- no mechanism of EP risk management.

In order to further development and improvement of the University activities on the implement of the accredited educational programs, IEC IAAR **recommends:**

- the maximum possible use of the media for the promotion of the educational program.

**Under the standards of "Management of the educational program" the accredited educational programs have 11 strong and 21 satisfactory positions, 1 position involves improving**

***4.2. "Development and approval of educational programs" standard***

The university developed a procedure for the approval, periodic review (rereview) and monitoring of educational programs and documents regulating the process.

Adoption of the educational program includes the following steps: the development and discussion of the educational program, reviewing the implementation of educational programs, revision of curriculum to accommodate suggestions and comments made by employers and other

stakeholders, discussion and presentation of the education program, a recommendation for approval, the approval procedure.

The source documents for the development of modular educational programs are SES, the specialty's TEPs and compulsory subjects' TEPs, as well as the national framework of qualifications and professional standards.

A modular educational program that provides the implementation of individual educational trajectories of students developed by the Departments of Geography, Environment and Tourism and Biology and TMs. The basis of the modular educational program designed by the university is a graduate's model for each educational program. Verification and validation of the graduate model is carried out by employers' and consumers' expert assessment

In the preparatory phase the AS and Head Chair identify the basic requirements for the content of module disciplines and formed competences and in accordance with the Dublin descriptors, define interdisciplinary links for the formation of the module and competencies, coordinate with the professional and / or industry standards, the requirements of the labor market and employers to the future specialists. The AS of the department make suggestions to Chair Head on the formation of modules in accordance with the objectives of disciplines with an indication of the learning outcomes, scope and duration of the module.

The Chair Head agrees the content of the modular educational programs with the employer, ensuring the possibility of adjusting the educational programs according to their suggestions. The department identifies and implements various forms of interaction (including using questionnaires and direct participation of employers / representatives of employers in the faculty meeting) to ensure the representativeness of the employers involved. Consistent with the employer the educational program content is reviewed and approved at chair and faculty meetings.

Educational programs are approved by the university rector on the basis of the Academic Council decision after the approval of EMC.

To provide educational programs with relevant educational content, a systematical review and a complement list of core and elective courses and modules practices developed by the University is carried out. The basis of the implemented courses is made up of the results of the chair AS' research.

To ensure the realization of individual educational trajectories of students an individual study plan is developed for them, which is based on regulatory requirements ("Model curriculum of the specialty", "SES of RK" and others.), local regulations of the University (documented procedure of the QMS), the catalog of elective courses, RK and ECTS credit technology.

The university identified and documented procedures for assessing the quality of educational programs within the QMS. Assessment of the quality of educational programs is based on the analysis of curricula, the catalog of elective courses, schedules, individual plans for students, internal normative documents regulating the implementation of educational programs, questioning students and employers.

The university set intervals, forms and methods of assessing the quality of the educational program. The process owners are responsible for the execution of these procedures.

Educational programs undergo the procedure of annual monitoring of the implementation of quality in the faculty meeting with the participation of students and employers.

The content of the educational programs of specialties 5B060800 - "Ecology", 6M060800 - "Ecology", 5B011600 - "Geography" and 6M011600 - "Geography" and 6M060700 "Biology" is harmonized with similar educational programs of foreign and Kazakhstani educational organizations, such as Al-Farabi Kazakh National University, S.Seifullin Kazakh ATU, Innovative University of Eurasia (Pavlodar, Kazakhstan), University of Lakvilla (Italy), University of Natural Sciences, Tartu (Estonia), University of Warsaw (Poland),

H.A.Yassau International Kazakh-Turkish University, University of Leipzig (Germany), Polytechnic University of Valencia (Spain), University of Cyprus, etc., developed and tested in the TEMPUS projects.

To develop educational programs in the framework of the TEMPUS project (TEMPUS JPCR-517313-IT- 2011 EPASAT); 530718-TEMPUS-1-2012-1-UK-TEMPUS-JPCR TEMPUS I-WEB) leading Kazakh research organizations are involved, including: the Regional Environmental Center for Central Asia (Kazakhstan), the Kazakh Research Institute of Water Management, Kazakh Fisheries Research Institute, the Institute of professional development and retraining (Kazakhstan), Institute of Geography of the Republic of Kazakhstan.

A meeting with students and undergraduates of educational programs 5B060800 - Ecology, 5B011600 - Geography and 6M060800 - Ecology, 6M011600 - Geography and 6M060700 - Biology found out that all students and undergraduates have a clear understanding of the methods and forms of inclusion in work on the development of educational programs.

The survey of students held during the visit IEC IAAR, showed that:

- the level of availability and responsiveness of the university management is assessed as high - 89.5%; partially satisfied -10.5%;
- accessibility to the academic advising is rated as high - 89.5%; partially satisfied, 9.5%; difficult to answer -1%;
- the level of satisfaction with the overall quality of training programs - 89.5%.; partially satisfied - 7.6: 1 partially un satisfied -1, difficult to answer 1%.

Having held meetings, conversations and interviews with the rector, vice-rectors, deans, heads of departments, managers and employees of structural divisions, students, teaching staff, representatives of employers' organizations and alumni, as well as having carried out a survey of students and faculty, detailed acquaintance the Experts with the University educational infrastructure, logistics and information and methodological resources and required documents IEC IAAR notes the following:

**The strengths of the EP are:**

- relevance of content of educational programs to modern requirements of employers to specialists in the field of ecology, geography and biology;
- availability of professional context, the results of current research and modern science achievements of the field in the disciplines' content;
- periodic renewability of educational programs;
- availability of the educational programs' content to students;
- a system for monitoring the progress of the student / undergraduates at the educational trajectories and their achievements.
- harmonization of the content of educational programs with the educational programs of leading foreign and Kazakh universities in TEMPUS.

**EP weaknesses are:**

- insufficient content of the results of current research projects in the field taught.

In order to further develop and improve the activities of the University to implement the accredited educational programs IEC IAAR recommends:

- to expand the circle involved in the implementation of the educational program of Kazakhstani representatives of research organizations;
- to provide comprehensive information about the EP contents of the accredited cluster with the research materials on the site of the University



**On the standard "Development and approval of educational programs" the accredited educational programs have 16 strong and 11 satisfactory positions, and 3 positions involve improving.**

#### ***4.3. Standard "Student centered learning, teaching and assessment of progress"***

Education programs management provide opportunities for students, regardless of the language of instruction, on the formation of individual educational trajectory. Individual educational trajectory is reflected in the modular educational programs and individual education plans, which, along with general and basic disciplines of compulsory component there are elective courses and practices that aim to provide professional competencies. Elective courses are selected by students on their own and recorded in AIS «Platonus».

Individual characteristics, needs and cultural experience of students is taken into account in the various aspects of scientific and educational activities, in the selection of elective courses; when choosing a practice base; in determining the theme of the thesis; when choosing the head of the thesis; with the participation of students in the research work of the department.

In the choice of the master's thesis it also takes into an account social experience, the place of the previous work, the scientific interests of the students and the research supervisor who can be the main criterion when choosing work topics.

Instruction of educational-methodical work of the department carries out by educational-methodical board at meetings which is according to the annual plan, held a discussion on the problems of improving the quality of teaching with the use of active learning methods and innovative technologies. In the educational process, the following active methods are used, such as role play, integrative methods, case studies, research methods, design methods, information and communication technologies, psychological training, art-technology and others. The key approach in implementing competence-oriented education program serves a combination of training and research activities of students.

Teaching staff of the department are actively involved in the introduction of innovations, methods and ways of learning, including the course of research projects aimed at employers and the demands of consumers, as well as lead the development in the field of teaching methodology of disciplines. The university regularly conducts internal and external case studies to assess the degree of satisfaction of students with the quality of educational services, the feedback of the students, On an ongoing basis on the university site being an online survey faculty, staff and students about the quality of the educational process.

The Department interviews the teaching staff and students, summarizes the data and uses them to improve the implementation of educational programs. Also, feedback forms are: complaints and suggestions boxes located in each study building; virtual receptionist, which includes the Rector's blog, blogs deans of the Faculty; pages on social networks ("In Contact», «Facebook»), in Platonus system.

Training monitoring and self-directed learning of students is carried out by the current, intermediate and final control. Current control of students' knowledge is carried out in the framework of score-rating system, the current control is carried out on all types of classroom (lectures, seminars, workshops) and extracurricular activities. Monitoring the progress of students performed a teacher in the classroom according to the schedule in accordance with the syllabus. The results of current, mid-term and final control of compulsorily reported to the students and all interested parties, including the use of information and communication technologies.

Evaluation of satisfaction of students in some places and the organization of practical training carried out in the course of practice, and the installation and the reporting conference after practice.

Monitoring of promotion enrolled in the educational trajectory is carried out comprehensively and in various stages of implementation of the educational process. These monitoring results are recorded in AIS «Platonus» in the relevant sections. The adequacy of the assessment of knowledge of students is regulated by the scoring criteria, which are developed by the teacher before the start of certification, agreed with the Head of Department and communicated to the students.

Оценка подготовки студентов осуществляется в соответствии с разработанными для дисциплин фондами оценочных средств.

Evaluation of training of students is carried out in accordance with the disciplines developed for Fund of rating.

**The results of graduates of EP on specialty 5B090200 «Tourism» for the last three years**

Year	State examinations		Diploma work	
	G.P.A.	Quality of knowledge	G.P.A.	Quality of knowledge
The results of graduates of EP on specialty 5B090200 «Tourism» for the last three years				
2012-13	94	100	93	100
2013-14	94	100	97	100
2014-15	100	100	100	100
The results of graduates of EP on specialty 5B091200 «Hotel and restaurant business» for the last two years				
2013-14	97	100	98	100
2014-15	100	100	100	100
The results of graduates of EP on specialty 5B060800 «Ecology» for the last three years				
2013	91	100	96	100
2014	97	100	99	100
2015	91	100	93	100
The results of graduates of EP on specialty 6M060800 – «Ecology» for the last three years				
2013	100	100	100	100
2014	100	100	100	100
2015	100	100	100	100
The results of graduates of EP on specialty 5B011600 "Geography" for the last three years				
2013	94	100	96	100
2014	97	100	97	100
2015	90	100	95	100
The results of graduates of EP on specialty 6M011600 «Geography» for the last three years				
2013	100	100	100	100
2014	100	100	100	100
2015	100	100	100	100
The results of graduates of EP on specialty 6M060700 «Biology» за последние 3 года				
2013	100	100	100	100
2014	100	100	100	100
2015	100	100	100	100

Assessment of employers satisfaction by level of training of students is carried out by conducting their surveys and questionnaires, as well as in the characterization of a student who had practice on the basis of the organization.

Decisions based on the results of monitoring on the further development of educational programmes.

IEC IAAR conducted meetings, conversations and interviews with the rector, Vice-rectors, deans, heads of departments, managers and employees of structural divisions, students, faculty members, representatives of organizations of employers and graduates, as well as by surveys of students and faculty, detailed familiarization of experts with the educational infrastructure of the University, material-technical and methodological resources, as well as the required documents notes the following.

Advantages of EP:

- ensuring equal opportunities for learners regardless of language of instruction on the formation of individual educational trajectories;
- presence of system of monitoring of satisfaction of students, managers of enterprises (practices), and employers.
- objective assessment of knowledge and degree of formation of professional competence of students, the transparency and adequacy of criteria, tools and mechanisms for their evaluation;
- use in educational process of information and communication technologies and software;

In order to further develop and improve the activities of the University for implementation of the accredited educational programs of IAA NAAR recommends that:

- to increase the availability of educational and methodical literature on the state and foreign languages.

**Standard "student-centred learning, teaching and assessment" accredited educational program have 6 strong and 6 satisfactory position.**

#### 4.4. Standard «Students»

The University has formed open policy of forming of contingent of students and undergraduates. In forming the contingent of students the University is guided by the existing normative-legal base. Standard rules of admission for training in organization of education realizing professional training programs of higher education (approved by Decree of the Government of the Republic of Kazakhstan from 19.01.2012 №111, as amended on 19.04.2012, №487). Formation of a contingent of students is carried out by placing the state educational order for training of scientific and pedagogical staff, as well as tuition at their own expense of citizens and other sources.

#### Contingent of students

Academic year	Students	On grand	On commercial	Обучающиеся на гос. языке
<b>5B060800 Ecology</b>				
2012/2013	86	8	78	18
2013/2014	91	6	85	22
2014/2015	62	6	56	27
<b>5B011600 Geography</b>				
2012/2013	143	15	128	59
2013/2014	93	5	88	37
2014/2015	111	9	102	49
<b>6M060800 - Ecology</b>				

2012/2013	6	4	2	2
2013/2014	6	4	4	2
2014/2015	6	2	4	-
<b>6M011600 - Geography</b>				
2012/2013	5	4	1	2
2013/2014	12	8	4	4
2014/2015	10	6	4	3
<b>6M060700 - Biology</b>				
2012/2013	7	7	-	4
2013/2014	10	5	5	5
2014/2015	10	5	5	7

On the website of the University <http://www.kgu.kz> all requirements for the movement of students presents.

The University has a system of internal monitoring of quality of knowledge, systematically conducts a survey of students. The rectorate and various commission of the university consist of students too.

Students in educational programs 5B060800 – Ecology, 5B011600 - Geography and 6M060800 – Ecology, 6M011600 - Geography and 6M060700 - Biology is systematically involved in research work. The results of research work of students and undergraduates presented in diploma and course works, master's dissertations, and published in the proceedings of scientific conferences, scientific publications.

#### **Quantity of students' publishing (for one academic year)**

Educational programme	2012/2013	2013/2014	2014/2015
5B060800 – Ecology	10	12	16
5B011600 - Geography	9	6	10
6M060800 – Ecology	2	3	3
6M011600 - Geography	3	7	8
6M060700 - Biology	7	10	11

The Department has a programme for the development of academic mobility with universities of near and far abroad.

Information about internal and external mobility of students and undergraduates of EP "Ecology" and "Geography":

№	Last, first and middle name	Specialty	Year of training	Country, city	Name of the university
1	Secsen T.K.	5B011600-Geography	2012-2013 ac.year	Italy	Genova University
2	Zhakupova A/K	6M060800-Ecology	2013-2014 ac.year	Latvia, Elvaga	Latvian a-c university
3	Bashinsky A/	6M011600-Ecology	2013-2014 ac.year	Poland, Warsaw	Warsaw technical university
4	Zhumabayeva K.	6M060800-Ecology	2013-2014 ac.year	Italy, Acvilla	Acvilla university
5	Ognavaya E.S.	6M060800-	2014-2015	Spain	Baskov country



		Ecology	ac.year		university
6	Bermagambetiva A.	6M011600- Geography	2014-2015 ac.year	Spain	Baskov country university

The decision on recognition of the results developed in other University disciplines, was adopted at meetings of the Department, collectively with advisors. The results studying is shown on their transcripts.

In 2013 Master's degree student of the 2nd course, specialty 6M060700-"Biology" Poplavskaya N. T. won the Republican projects competition on the development and application of new technologies in the field of plant protection "BayStudy" organized by the "Union of rural youth of Kazakhstan" with the financial support of "LLP Bayer KAZ", and awarded a monthly scholarship in the amount of 15,000 tenge. Thesis of the project: "Studying of fruit and berry raw materials in Akmola region as a potential source of biologically active substances". Scientific supervisor-candidate of biological science., associate Professor Zhumabayev S. E.

There is a research group at the Department of geography, ecology and tourism where they discuss scientific reports of students on issues of ecology and geography (advisor, senior lecturer Kurmanbayeva A. S.).

Since 2012-2013 academic year the experimental project is working in the department . Thesis topic: "the Formation of key educational competencies of students in the biological, chemical and mathematical education". Compilers: the head of the Department of biology and methods of teaching, candidate of biological science, associate Professor Durakbasa S. N., the head of the Department of chemistry and biotechnology, Ph. D. S. M. Sergazina, senior lecturer of the Department of mathematics of Musabekov R.

According to the results of the experimental project program approved by the Academic Council of Kokshetau state University named after Sh.Ualikhanov and "Department of education of Akmola region" and implemented in the educational process. The base of the experimental project is a regional specialized boarding school №3 for the clevered children (with the Kazakh language).

Within this experimental project seminars and round tables. And teaching staff of the Department "Biology", "MT", "Geography", "Ecology" and "Tourism" provide scientific-methodical and consultative assistance on environmental monitoring workers region sanitary and epidemiological service, regional fishery management. Assist students of Kokshetau when performing school research projects.

At the department of Biology and MT organized scientific-methodical seminar, functioning on the basis of the plan of the seminar, the Chairman is doctor of medical Sciences, Professor Temirbekov Zh. T.

Undergraduate and graduate students actively participate in various activities conducted within the region, the city and the University and in which they identify their knowledge and capabilities, organizational skills, communication skills and other capabilities that can be demanded by various organizations and institutions.

### Indicators of graduates' employment

EP	2012-2013		2013-2014		2014-2015	
	quantity	employed, %	quantity	employed, %	quantity	employed, %
5B060800 - Ecology	9	100	12	100	12	92
5B011600 - Geography	31	100	13	100	15	93
6M060800 - Ecology	1	100	3	100	2	100
6M011600 - Geography	2	100	5	100	7	100
6M060700 - Biology	4	100	3	100	6	100

IAA IAAR getting different meetings, conversations and interviews with the rector, Vice-rectors, deans, heads of departments, managers and employees of structural divisions, students, faculty members, representatives of organizations of employers and graduates, as well as by surveys of students and faculty, detailed familiarization of experts with the educational infrastructure of the University, material-technical and methodological resources, as well as the required documents notes the following.

#### Advantages of EP:

- is regulated, approved and published the life cycle of students from entrance to completion
- operation of educational information portals AIS "PLATONUS" and "MOODLE"
- participation of students in development of educational programs
- the demand for graduates of specialty
- high employment rate
- encourage students to educate themselves to the development outside of the main program;
- functioning of the feedback system of support for students, including prompt reporting of the results of the assessment of students' knowledge.

#### Disadvantages of EP:

- empower internal and external mobility of students;
- actively involve students in research and consulting.
- the possibility of professional certification of students

In order to further development and improvement the activities of the University for implementation of the accredited educational programs of IAA NAAR recommends that:

- if the University has the possibility of conducting professional certification to ensure its implementation in accredited educational programs.
- actively attract students to research work and consulting.

**By the standards of "Trainers" accredited educational programs are 8 strong, 9 satisfactory positions**

#### ***4.5. Standard "teaching staff and its effectiveness"***

The teaching staff is the main resource to ensure the mission of KSU named after Sh.Ualikhanov. In this regard, the University pays great attention to the selection and training of personnel.

The development and implementation of HR policy of KSU. Sh.Ualikhanov is based on the following principles: a democratic approach to the management of the teaching staff of the University; combination of the interests of managers and the managed subsystem; accessibility guidelines; compliance with parity; the creation of conditions and atmosphere of initiative and creativity; promote activities staff, personal staff development.

This approach is consistent with contemporary trends in the field of human resources and relies on the formation and strengthening of human capital in the transition to the knowledge society. The University carries out personnel policy in accordance with the main priorities of the strategy of the University.

Personnel policy of KSU. Sh.Ualikhanov is planned the development of teaching staff, encourage and promote achievements in the work. Types of rewards of the teaching staff and the procedure for their application are determined by the legislation of the Republic of Kazakhstan, orders of the rector, the collective bargaining agreement. According to the rankings, an extra payment of teaching staff, which occupies a full-time position, and candidates and doctors of Sciences for the formation of creative qualities.

Search strategy and recruitment for staff vacancies consistent with the principles of transparency and equality, which is ensured by the competitive basis of vacant posts of teaching staff, the procedure for review and approval in positions, the presence of employment contracts, assessment of the quality of performance of labour duties during the probationary period on the basis of approved Standard qualification characteristics of positions of pedagogical workers and the persons equated to them. To ensure the stability of the University has created the personnel reserve for the Vice-rectors, deans, head. departments, heads of services and departments. Policy of clear distribution of powers is implemented through improvement of the organizational structure, the content of the regulations on subdivisions and job descriptions. Requirements for the competence of teaching staff defined in job descriptions developed in accordance with the "Standard qualification characteristics of positions of pedagogical workers and the persons equated to them". Reviewing job descriptions is carried out when applying to work that is recorded in the log review at the Department of personnel and legal work.

The main provisions of personnel policy reflected in the Charter of KSU. Sh.Ualikhanov, Strategic plan of KSU. Sh.Ualikhanov for 2014-2018, Documented procedure for "Management of staff".

Personnel selection is based on needs analysis of educational programs, the results of which declares the competition for filling vacant personnel Selection is based on needs analysis of educational programs, the results of which declares the competition for filling vacant posts. According to it, the system of hiring of teachers and staff are developed and approved in accordance with approved MES of RK "The Rules of competitive replacement of vacant posts" that include staff motivation to work better and involving them in the processes of continuous quality improvement activities; assure training as an obligatory condition of high quality and interested activity; restricting teaching positions to people without degrees and titles; termination of contracts with teachers, leading scientific work and do not have concrete results for a long time.

The transparency of personnel procedures is provided by competition for positions of teaching staff (regulations about the order of succession of the faculty of KSU. Sh.Ualikhanov),

the certification of the teaching staff (the Provision on attestation of teaching staff of KSU. Sh.Ualikhanov) by hearing their report on all the positions of the individual plan and the announcement of the reasoned opinion of the Department's recommendation to the competition and (or) the extension of the employment contract.

There are theses in the departments, which describe the primary activities of the department, job descriptions of the head department, professors, associate professors, senior teachers, teachers, laboratory assistants, fixed on the department nomenclature.

The indicators of quantitative and qualitative composition of the teaching staff confirms the presence of human capacity needed for the implementation of educational programs and the relevant qualification requirements for the licensing of educational activities.

Support for research development and consulting management of the university is done through training seminars and training experiences abroad, on the basis of agreements and memorandums on cooperation between Sh.Ualikhanov KSU and foreign universities.

**Table 10. Qualitative composition of the teaching staff, implementing EP**

EP	Quantity of teachers, implementing EP	Those with scientific degrees and academic titles	The average age of teachers	Percentage of the academic degree
6M060800 - Ecology	11	11	41	100%
6M011600 - Geography	12	12	40	100%
6M060700 - Biology	12	12	41	100%

The University portal contains full information about the teachers of the department. It also includes the content of all teaching materials of disciplines according to the EP. Every teacher has a portfolio which contains all necessary information on the qualifications, including copies of diplomas, certificates of advanced training, lists the main proceedings, read the list of disciplines. Portfolio stored at the office of department head.

A list of all publications of the department is available in bibliographic department of the university library in the teacher's portfolio.

All stakeholders have access to information to the subjects that teachers read for bachelor and graduate students read teachers of the department.

Communication between stakeholders and the management of the program is mainly performed through personal meetings. The head of the department is available daily from 9.00 am to 17.00 pm. Analysis of the principle of availability and adequacy of the leaders shows the reality of the organization of the head. During the admission of documents to the department that require immediate solutions, a responsible person to this area of work carries out orders. There is no particular schedule reception approved by stakeholder leaders on the department. All duties of faculty and support staff are located in the department in accordance with the provisions of the nomenclature. They have a free access.

The need for staff determined by the total number of hours of teaching load. Annually teaching load is clearly calculated for different categories of teachers, which is determined on the basis of staffing in the university.

The staff, implementing Ecology and Geography EP is rather stable. 90% of full-time teachers have been working at the department since the opening of specialties. Educational programs are implemented in different age groups of teachers: experienced, with great scientific and pedagogical experience - Associate Khusainova RK, Academician. Associate Professor



Kanitaeva; teachers of middle age: Fahrudenova IB Kakabaev AA, AS Kurmanbaeva, Syzdykov ET and etc.; young teachers: Tazitdinova RM, Bilyalov AB Plachinta IG AT Zhakenova

Teachers implementing EP have potential development, that is, the desire for improving and self-development by integrating their work in the sphere of education, research and innovation. The teachers use their own research during lessons. In the library of KSU regularly dealt electronic versions of educational and teaching aids developed by staff of the department. Over the last 3 years was prepared and delivered to the library for more than 30 e-books.

Further training is carried out according to the plan approved by the leadership of the university.

The teaching staff improve their qualifications in universities in the Republic of Kazakhstan, which are related to the department. The administration of KSU funds training of the teaching staff completely or partly.

Each year, teachers of the department take various training courses.

### Extension courses of the Department of Geography, Ecology and Tourism

№	Name	Location of extension courses	Date
2012-2013			
1.	Kakabayev A.A.	L-Aquila, Italy – TEMPUS Project CIBELES in the Workshop (Bologna Processes, ETCS Discussion Curriculum Design According Bologna and Survey Analysis)	13-31.11.2012
2.	Kurmanbayeva A.S.	Hungary- TEMPUS Project «CIBELES» in the Workshop (BoLogna Processes ETCS DiscussionCurriculum Design According BoLogna and Survey Analysis) which took place at Tajik Agrarian University named after ShrinshoShotemur	29.09-10.11. 2012
3.	Sharipov B.U.	Dusseldorf, Germany - Kazakhstani universities training teachers on the theme "Innovation in Teaching and methodical activity of German universities" 26-11.09.12.2012g	26-11. 09.12.2012
4.	Sharipov B.U.	Almaty - Further training at the National Institute for Management and the academic staff of the education system of the Republic of Kazakhstan	12.11. – 08.12.2012
5.	Isayenko O.	Further training at the National Institute for Management and the academic staff of the education system of the Republic of Kazakhstan	13-24.05.2013
2013-2014			
6.	Bilyalov A.B	Almaty RIPTES - Training courses, Training sessions	26.10-11.11. 2013
7.	Grabovskaya N.I	Almaty RIPTES - Training courses, Training sessions.	26.10-11.11. 2013
8.	Fahrudenova I.B	Meeting Tempus in Uzbekistan	February 2014
9.	Agaydarova AA	Almaty RIPTES - Refresher courses	14-30.06. 2014

10.	Kakabayev A.A.	Spain - Erasmus Mundus eASTANA Action II,	07.10.2013-07.08.2014
11.	Iskakov G.E.	Spain- ERASMUS MUNDUS 2012 CANEM,	05.09.2013-05.07.2014
12.	Ramazanov M.A.	Spain - ERASMUS MUNDUS 2012 CANEM	01.05.2014-15.05.2014
13.	Tazitdinova R.M.	Spain, Valencia - TEMPUS 2012 I-WEB,	30.06.2014-9.07.2014
2014-2015			
14.	Esenzholov B.H.	National Institute for Management and the academic staff of the education system of the Republic of Kazakhstan (Orleu).	April 2015 Almaty
15.	Agaydarova A.A.	National Institute for Management and the academic staff of the education system of the Republic of Kazakhstan (Orleu).	April 2015 Almaty
16.	Kanitaeva K.P.	National Institute for Management and the academic staff of the education system of the Republic of Kazakhstan (Orleu). Portugal	November, 2015
17.	Kurmanbaeva A.S.	National Institute for Management and the academic staff of the education system of the Republic of Kazakhstan (Orleu). Portugal	Spain November, 2015

### Teachers of the department of Biology

Staff full name	Professional training courses	Academic year
Durmekbaeva Sh.N. Head of the Department of Biology and TM	Participated in the seminar "Development intrahigh quality assurance system" and has received the certificate (Independent agency for accreditation and rating of the Republic of Kazakhstan)	February, 2013
Durmekbaeva Sh.N.	Participated in scientific seminar of the International Academy of Concord and FIDZhIP-EUROTALENT Concordia (France) scientific school (72 hours)	Between 30.04.2013 and 16.05.2013
Durmekbaeva Sh.N.	studied foreign scientific training in the US state of Nevada, Las Vegas by the grant "The best teacher of the university in 2012".	Between 16 <sup>th</sup> and 23 <sup>rd</sup> of November 2013
Safronova N.M. Candidate of biology sciences, executing director	Refresher courses at the National Institute for Management and the academic staff of the education system of the Republic of Kazakhstan (Orleu)	2013-2014
Zhumabaeva S.E. Candidate of biology sciences, associate professor	Assistant professor of scientific training under the program "Bolashak" program at the University of Brunel, UK	09.2013-08.2014

Kaliyeva S.S. master of natural sciences.	Passed a one-year doctoral program at the European Union's Erasmus Mundus Astana CANEM and technological University of Warsaw, Poland	2013-2014
Smailova G.T. Associate professor	Training courses, England, Norwich	June, 1-15 2014
Shakirzhanova I.S Master of Biology sciences	Refresher courses at the National Institute for Management and the academic staff of the education system of the Republic of Kazakhstan (Orleu).	2014-2015
Durmekbaeva Sh.N. associate professor, head of the Department of Biology and TM	service training at the National Institute for Management and the academic staff of the education system of the Republic of Kazakhstan (Orleu).	2015-2016

#### **Achievements of teachers in the Department of Geography, Ecology and Tourism:**

Winner of the title "Best teacher of the university-2014" (PhD, Art. Lecturer of the Department of Geography, Environment and Tourism Kakabaev AA);

Scholarship holder of "Bolashak" educational program (Brunel University, United Kingdom) - Ph.D. Kurmanbaeva A.S.;

Doctors (Warsaw University of Technology, Poland) on the program of the European Union and Erasmus Mundus Astana CANEM- Asylbekova NT, Bekenova K., A. Zhanabergenov - doctoral ENU. Gumilyov plans to protect the thesis 18 December 2015.

Senior teachers Saychenko OP and NI Grabovskaya September 2015 entered Omsk State Pedagogical University on a specialty "Ecology" of post graduate study.

#### **The department of Biology**

Among the staff, implementing ER 6M060700 - Biology, doctors and candidates of sciences, professors who have extensive teaching experience, including the owner of the state scholarship for young and talented scientists MES and holder of the title "The best teacher of the university-2012" (c.b.s. associate professor Durmekbaeva S.N.);

Awarded the Order "Badge of Honor" (1982), "Labour Veteran", "Excellence in Health Care" (1968), winner of the medal "For the contribution to development of science of Republic of Kazakhstan" (2001) - Doctor of Medical Sciences, Professor Temirbekov ZH.T;

Scholarship program "Bolashak" (Brunel University, United Kingdom) (PhD Zhumabaeva S.E.); PhD (Warsaw University of Technology, Poland) on the program of the European Union and Erasmus Mundus Astana CANEM (Kaliyeva S.S.)

In 2014-2015 academic year Master of Science with a degree in Biology Kaliyeva 6M060700-SS received doctorate ENU Gumilev on specialty "Chemistry".

The research results are being introduced in the educational process in the form of elective courses, research and teaching and learning aids.

Training and retraining of teaching staff through magistracy, short courses, seminars, internships at leading universities of Kazakhstan and foreign countries.

The results of research of teachers are reflected in scientific articles published by magazines, presentations at scientific conferences at various levels.

Manual EP provides effective support to young teachers: conducted scientific-methodological and scientific-theoretical seminars, open classes. Young teachers are assigned to experienced lecturers and professors.

The University has a system of extra-budgetary allowance to the salary of teachers and employees. When calculating this allowance it is taken into account the whole range of activities of teachers and staff, which is quite a serious motivator active work. By re-electing for a new term of work also takes into account the results of all activities of the teacher. The university annually held competitions: "The best teacher", "Best Curator", etc. The names of the best teachers are brought on board of honor; they are awarded with diplomas, cash prizes, in the work book entries are made for an appreciation.

EP motivates faculty to continuous innovation and the application of IT in the educational process. Teachers conduct classes with the use of multimedia complex, case-technologies, group work, interactive methods, GIS technology, design method - Fahrudanova I.B. Kurmanbaeva A.S., Kanitayeva K.P. Karnaukhova T.V., Grabovskaya N.I. Isayenko O.P., Tazitdinova R.M. Esenzholov B.H., Plachinta I.G., Suleimenov D.A. (Department of Geography, Ecology and Tourism); Durmekbaeva S.N., Zhumabaeva S.E., N.M. Safronova, Smailova G.T., Onerhan G. (Department of Biology and the TM). As part of the teaching staff polylinguism departments conduct classes in English (PhD, assistant professor Zhumabaeva S.E., PhD, assistant professor N.M. Safronova, PhD, Senior Lecturer Kakabaev A.A., PhD, Senior Lecturer Kurmanbaeva A.S., teacher, master of environmental Bekenova K.B. Lecturer, Master of Science, specialty 6M060700-Biology Boken T.).

Each teacher wielded skills testing students in AIS "Platon". In order to increase IT competence teaching staff is trained by seminars, organized computer courses in the university. Teaching staff show the model lessons, attend each other's lessons.

The research work of undergraduates 6M060700-Biology, 6M060800 Ecology carried out on the basis of laboratory NMR spectroscopy, the Nile water quality Iul "Toxicology and food safety", LLP "North Kazakhstani NII agriculture," State Enterprise "Akmola regional center of sanitary-epidemiological expertise "CSSES MOH and at the Department of Biology and the MP and geography, ecology and tourism.

The research work undergraduates 6M011600- Geography, conducted on the basis NEIL water quality and the Department of Geography, Environment and Tourism.

Head of the Department of Geography, Environment and Tourism and head of the Department of Biology and TM is mandatory to attend classes young and novice teachers. In 2012 - 2013 academic year, head of the department have visited 10 classes of teachers in the 2013-2014 school year - 8, in the 2014-2015 academic year head of the department - 10 lessons.

Teaching staff implementing educational programs, participate in society, including in the development of education and science in creative competitions, etc. Teaching staff has lectured on courses to akim of the region, cities and districts, heads of primary organizations NDP "Nur Otan" for employees of law enforcement bodies, the military commissariat, etc. So, the teacher Kurmanbaeva AS Institute for Advanced Studies in Orleu Kokshetau, lectures school teachers on teaching discipline.

In addition, the following types of activities are carried out: promotional activities with the use of communication resources, the media, participation in exhibitions, conferences and seminars; Fair Employment of students with an invitation to the heads of organizations and associations; Qualifying Examination school projects: participation of teachers of the department



as a jury in city and regional schoolchildren Olympiads; open days; Day of the University; charity programs for orphanages and children in need of assistance; organization of events to promote healthy lifestyles; involvement of students in the construction teams and squads "Zhasyl El"; carrying out activities to promote annual Messages of the President of the Republic of Kazakhstan; preparation and holding of events dedicated to the Independence Day of the Republic of Kazakhstan, the Victory Day and others, public holidays.

The effectiveness of teaching is achieved through the use of teaching materials available to the library. University library regularly invites PPP presentation of new educational and scientific publications, received its funds. In recent years, the library has created an electronic catalog of all available educational and methodical literature in high school, which greatly helps the teachers in their preparation for the implementation of educational programs.

Teachers Plachinta I.G. Yerzhanova G.E., Khusainova R.K., have certificates of authorship. Patent Khusainova issued and actively used in the educational process two books and two textbooks stamped MES. Developing academic mobility, to attract the best foreign and local lecturers. In 2012 - 2013 academic year, D.Sc. Professor of Tomsk State University Baranovska T.V. read a course of lectures on "Geochemistry, geo-ecology and environmental monitoring" for the Master's specialties "Geography", "Ecology", "Biology", in 2013 - 2014 academic year, Alexandrov Y.U., a professor of Moscow State University, PhD of geographical sciences read a course of lectures on "The global tourism market: current state and development prospects" for specialties magistracy "Geography", "Ecology" in 2014 - 2015 academic year, a series of lectures on the course "Environmental Toxicology" for specialties magistracy "Ecology", "Biology" read a doctor PhD of the University of the Basque Country, Spain, Ibon Kansio. In 2014 - 2015 academic year for students of specialties "Ecology" and "Geography" D.Sc., an academician of the International Academy of the Moscow Children's tourism and local history, professor of ENU. Gumilev (Astana) Mazbaevym O.B. was a series of lectures on the subject "Economic and social geography of Kazakhstan."

The staff is actively involved in scientific conferences, publish scientific articles: 7 published articles with impact factor, 58- scientific journals, 119-Conference Proceedings

Moral state and psychological climate in the departments is characterized by stability, creative attitude to their duties. Labor discipline is at the proper level.

The staff survey conducted during the visit EEC IAAR, showed that:

- University provides opportunities for faculty in the use of innovation in teaching - very good - 64.7%; and well - 35.3
- The staff satisfies the content of the educational program - Very good - good and 82.4 - 17.6%;
- The level of feedback between the staff and leadership meets to 72.5%;
- 2% of staff is not satisfied with the organization of academic mobility;
- 52.9% of teaching staff find it difficult to combine teaching with research.

EEC IAAR conducting meetings, conversations and interviews with the rector, vice-rectors, deans, heads of departments, managers and employees of structural divisions of studying, teaching staff, representatives of employers' organizations and alumni, as well as having carried out a survey of students and faculty, analyzing required documents, educational infrastructure, technical information and methodological resources Experts from the University notes the following:

The strengths of the EP are:

- The active participation of faculty in the life of society;
- Relevance of individual planning for all activities, monitoring the effectiveness and efficiency of individual department plans ;

- Systematic evaluation of competence of teachers;
- Is carried out to attract practitioners to conduct classes in the disciplines of EP
- The application and use of innovative teaching methods in EP
- Compliance with the objectives of EP is to pass training for professional and personal development of the teaching staff.

EP weaknesses are:

- Attracting practitioners to implement educational programs is not systematic;
- Providing support for research activities of faculty

In order to develop and improve the activities of the University to implement the accredited educational programs EEC NAAR recommends:

- Strengthen the involvement of practitioners in the implementation of educational programs;
- To raise rates to attract foreign and local teachers to conduct joint research in the implementation of joint programs.

**By the standards of "The teaching staff and teaching effectiveness" accredited educational programs are 13 strong, 9 satisfactory positions.**

#### **4.6. Standard "Educational resources and support system for students"**

The leadership of EP together with the leadership of the university create conditions for scientific research, the integration of science in the educational process, publication of results of research staff and students. These conditions correspond to the specifics of the respective EP science.

Classrooms and associated equipment are relevant to the objectives of the programs and create favorable conditions for training.

Classrooms and associated equipment are adequate to the objectives of the programs and create favorable conditions for training.

Implementation of the EP provides a comfortable environment, including training, extra-curricular classes and teaching activities in the university. Appropriate infrastructure used to implement the EP, carried out based on the results of the monitoring infrastructure satisfaction of students, teachers, employees and other stakeholders

The university regularly assesses the quality of material, technical and information resources used for the implementation of the EP, including the direction of EP carried out regular monitoring in the form of case studies and a survey of students, undergraduates, faculty and staff. We do not study only the conditions for the implementation of the EP, but also monitor services - leisure activities, food and service in the dining room, cloakroom service, the library, computer labs, the dean's office, registrar's office, student department, human resources and legal work, etc.

Students have access to information on the studied subjects through educational portal of Sh.Ualikhanov KSU. There is a guide for studentee in the office of students. Students are registered in the discipline, put the standard curriculum, a catalog of elective subjects, the composition of teaching staff in disciplines registration module on discipline, which is formed by the individual curriculum. Students and undergraduates have an opportunity to view the schedule of the training sessions and the sessions by asking the various search terms and submission of schedules (for the teacher, for the discipline, etc.). My account contains student training materials on specialties and disciplines: Teaching complex specialty, methodical complex discipline, full-text electronic library of books, e-learning courses and multimedia material with which to deepen knowledge. The portal students have the opportunity to take a test on discipline for self-assessment, review academic achievement (grades for the current semester of the

previous academic period), to participate in the survey, ordered online-help. In the private office of the dialog there is a system of communication and service to the academic mobility.

Students have access to the information in the "Student Office" provided a personal password. Personal account is designed to provide students relevant information on educational achievements, academic calendar, schedule of studies, examinations and consultations. With a personal account individual trajectories formed training sessions held remote testing, provides access to teaching materials, specialty and discipline. There is also a private office for use as a means of communication with fellow students of his group, faculty, curator and teacher.

The university regularly conducts market research aimed at identifying the use of equipment and software for the department of computer technology and telecommunications.

In case of necessity, the management of EP makes a bid for the purchase of educational equipment and software for the signature of the department head and the dean of the faculty in the department of public procurement. Special created commission, which consists of the first heads or their deputies and specialists of structural units, as well as technical experts check the quality compliance of the purchased products. For the procurement of goods and services.

Competition Commission, studies all received bids for completeness, the necessary guarantees, compliance of the delivered goods and services on the technical specifications of the tender documentation in accordance with the law on public procurement, rules of the organization and carrying out of public procurement, tender documentation

The department of computer technology and telecommunications, safety engineer analyze the adequacy of the university teaching equipment and software devices; Safety engineer defines requirements for safe operation of equipment in the university.

The learning environment established in university meets the required criteria. Within the realization of basic educational programs of bachelor's and master's degree, the faculty of ensuring implementation of the basic educational program, has material and technical basis, that ensures the implementation of all kinds of disciplinary and interdisciplinary training, practical and research work of students, provided the curriculum of EP, in accordance with the sanitary and fire codes.

The minimum required list of technical devices for the implementation of the Bachelor program includes: the availability of a computer class; the availability of affordable for students and undergraduates to the Internet; availability of specially-equipped classrooms and laboratories, classrooms for multimedia presentations.

During the usage of electronic publications provided to each student during self-study work place in a computer lab with Internet access in accordance with the scope of disciplines.

The jobs offered to students are provided with the necessary set of licensed software.

The university creates favorable conditions for the realization of R & D. Placing information to hold annual scientific conferences - cathedral, faculty, within university, national, international, scientific, practical and scientific - research conferences, competitions outside the university site KSU - "Science." The number of university staff contacts with leading foreign scientists, research centers and organizations is growing in Sh.Ualikhanov KSU. The number of foreign partners in joint research contracts on creative cooperation. There are currently 60 agreements on cooperation between universities and training institutions and research centers in Russia, Ukraine, Korea, China, Poland, Greece, Mongolia, the United States and France.

The Leadership of EP on the conditions attracts students to research. Annually, there are scientific and practical conferences - cathedral, faculty, national and international, in the active participation of students and undergraduates.

Council of young scientists works at the service of science and commercialization, it is a permanent joint advisory body and represents a meeting of plenipotentiaries of the youth (under

35 years) university faculties, forming and executing the youth policy, protecting the interests of young scientists and specialists; member of the Council of young scientists is a lecturer of the Department of Geography, Environment and Tourism I.G. Plachinta

Create conditions for development of the scientific potential of young scientists and students. Young scientists, students and undergraduates have the opportunity to improve their research potential (the information was given in other sections of this self-report).

There is access to computers outside school hours. At any time convenient for students and undergraduates, all computer classes are available at the University, as well as Wi-Fi.

The university established an information learning environment of EP, which includes:

- technological support for students, graduates and the faculty in accordance with the programs (e. g, online training, simulation in the classroom) and intellectual demands (databases, data analysis program);

- students have access to a personalized online resources (available also outside the classroom), as well as training materials and assignments, and it is possible to self-test students' knowledge through remote access to the portal (website) of the university;

- there are personalized online resources to help students and undergraduates to plan and carry out educational programs;

- students and undergraduates have access to a personalized online resources, assisting in the selection and achievement of career paths.

In accordance with the implementation of educational programs, lectures are held in specially equipped with technical equipment of the audience number 701, №720, №721, №817, №823, practical and laboratory classes are organized in the classroom №609, №613, №615, №621, №707, №709a, №710, №721a, №803, №805, №820. Teaching - №611. Practical training and research masters associated with the monitoring of water held in the research laboratory №705 «Water Quality», the monitoring of food products - in teaching and research laboratory №702 "Toxicology and food security." There is a resource center, auditorium №704. For information and technological support of the main production processes (educational, scientific, management, etc.) at the University has 877 computers that can be used by students and undergraduates EP "Ecology", "Geography" and "Biology"

OP 6M060700 – Biology is provided by necessary equipment to fund classroom, teaching laboratories, computer classes, methodical studies, gymnasiums, including:

Only 13 classrooms, including 2 lecture halls (№720-46 seats, 68.9 sqm, №721- 34 seats, 50.9 sq.m), 3 cabinet (№712, №718 , №725) and 3 teaching laboratories (№710, №717, №719), office head of the department (№716); teaching (№714); the office of professor (№710a), glass warehouse (№723), one preparatory for laboratory (№715), which are equipped with the necessary teaching materials for laboratory and practical training and research works. In every specialized audience there are tables and posters.

In 2014-2015 academic year, purchased laboratory furniture and equipment:

Learning Lab "Botany": laboratory furniture (lab table, hood, table microcopying, electrified table, laboratory cabinet for storing chemicals, laboratory equipment cabinet, table washing).  
Equipment: Binocular microscope Biomed 6 FC Monocular microscope Biomed-2 16 pieces, electronic scales.

Educational laboratory "Plant Physiology": laboratory furniture (desk chemical island, hood, table trim chemical, laboratory cabinet for storing chemicals, laboratory equipment cabinet, table washing). acquired the following equipment: Monocular microscope Biomed-2 8 pcs , Digital Spectrophotometer PE-5300, PE stove with three-position switch, and others.

Educational laboratory "Biology": laboratory furniture hood, table trim chemical, laboratory cabinet for storing chemicals, laboratory equipment cabinet, table washing, table



microscopy), equipment: Biomed MS-1T ZOOM, monocular microscope Biomed-2 3 items , stove-PE with three-position switch, the refrigerator, the distiller (distiller) DE-4-02, and others.

In April 2014 it was opened Museum of Biology at the Department of Biology and teaching methods. The basis for the creation of biological museum served as a teaching collection of biology and teaching methods.

The Biological Museum Foundation is formed representing the flora and fauna of Kazakhstan, which will familiarize the audience with a vast variety of plants, invertebrates and vertebrates, as well as with human anatomy. Main sections of the museum biological systematics of plants; invertebrate animals; vertebrates; morphology and anatomy of the human; the evolution of the organic world.

Logistical equipping of the educational process is continuously updated, equipment is subjected to preventive maintenance and repairs.

Thus, EP of biology, ecology and geography have sufficient level of students equipping means and new technologies. Classroom fund meets the needs of the educational process and allows you to organize training in this specialty.

Currently, the University has 29 computer classes, 42 media audiences 4 language lab, 5 information kiosks. Just for learning process are involved 877 units of computer equipment.

All classrooms equipped with computers, comply with the sanitary-epidemiological norms and requirements.

In the present time disciplines cycle database, PD curriculum are conducted in specialized classrooms: №609, №613, №615, №621, №701, №707, №709a, №721a, №803, №820.

The university has a library, which for fifty years formed a book fund, including fund educational, methodical and scientific literature in general, basic and majors on paper and electronic media, periodicals in Russian and Kazakh languages.

The audit committee is satisfied with the sufficient material and technical base to support the educational process and the implementation of the mission, goals and objectives of the University. The university has a current level of material and technical basis, the resources to provide qualitative educational services.

Students have access to training materials and assignments through personalized IR (available also outside the classroom). Possible to test students' self knowledge through remote access to the site of the university. With AIS «Platonus» carried out technological support for students and teachers.

The survey of students conducted during the visit EECIARA , showed that satisfaction:

- Availability of library resources - 99%;
- Availability and accessibility of learning materials in the learning process - 97%;
- The availability and accessibility of computer classes and Internet resources - 96.2%.

EEC IARA conducting meetings, conversations and interviews with the rector, vice-rectors, deans, heads of departments, managers and employees of structural divisions of studying, teaching staff, representatives of employers' organizations and alumni, as well as having carried out a survey of students and faculty, analyzing required documents, educational infrastructure, technical information and methodological resources Experts from the University notes the following:

The strengths of the EP are:

- The strengths of the OP are:

- Modern scientific and educational infrastructure;

- The availability of resources of the library, specialized rooms, social facilities of the University;

- Free access to educational resources (with access and outside school hours), including educational materials and assignments;

- Free access to educational resources online, the operation of free Wi-Fi throughout the educational organization.
  - Ensuring a high level of information resources;
  - The extensive scientific library meets the needs of teachers, students, researchers of the University;
  - Availability of resources, scientific library, specialized rooms, social facilities of the University;
- OP weaknesses are:
- Insufficient provision of educational and scientific literature on the subjects of education programs in the state language.

In order to develop and improve the activities of the University to implement the accredited educational programs IARA EEC recommends:

- Increase the number of educational materials in the national language

By the standards of "Educational resources and support system for students' educational programs are accredited by the 14 strong, 11 satisfactory positions.

#### **4.7. Standard "Information management and reporting"**

The university systematically collect and analyze information regarding educational programs. All the necessary information is available on the website of the university. The implementation of educational programs and their development strategy are made in accordance with the mission and goals of the university. The department operates under the Department of the approved work plan, drawn up in accordance with the strategic plan of the university

The leadership of EP evaluates the effectiveness and efficiency of the implementation of the PLQ on the basis of an analysis of indicators such as the dynamics of the contingent of students, the level of student performance, student achievement, employment of graduates, which identifies opportunities to improve the quality of EP.

The implementation of the strategic objectives of the departments are carried out gradually through the planning system. There are future plans for three years, annual plans. They reflect all directions of the departments.

At the University in the second half of each school year organized a meeting of representatives of the Department, implementing educational programs with school children and their parents. On television, in regional and district newspapers placed information about the profession, its specificity and requirements for applicants. According to the plan organized visits by teachers and employees of specific schools, whose graduates have chosen their specialty, the data on these entrants are on the department to ensure that they could be working on.

Information about the contingent and the basic characteristics of a contingent of students is stored for two or three years. The same information is stored in a specialized database of the selection committee of the university.

Implementation of the decisions taken at the meeting considered the department at the end of the school year. Plans and reports for 5 years are available, the protocols are maintained in accordance with the requirements of the office.

The results of the analysis of the achievements of program objectives and ways to improve the effectiveness of the educational program are reflected at the meetings of the department, the annual reports of the department, faculty and university. The inspection results of studies are discussed at meetings of the Academic Council, faculty councils and departments.

Coordination of the implementation and updating of plans, ensuring control of the implementation of plans and the achievement of the university is held in the traditional form: the plans are developed at any level - consistent - say - run - controlled - adjusted - are analyzed. The

responsibility of senior management and heads of departments. Yearly report on the pro-rector of the Academic Council on the implementation of plans for activities

Leaders of the university pay great attention to the presence of a mechanism of communication with students, staff and other interested parties in the activities of the university. So the University Alumni Association was created. Regularly rector, vice rector and heads of departments meet with the students and teaching staff to exchange views on teaching, research and extracurricular areas.

Students and staff of the department, employers are involved in the collection and analysis of information through questionnaires, interviews, and making decisions based on them at the meeting of the department, the Faculty Council, Faculty of teaching materials, teaching materials and the University Academic Council.

In general, the EEC says that the university uses modern information systems, information and communication technologies and software tools for the purpose of adequate management information.

EEC IAAR conducting meetings, conversations and interviews with the rector, vice-rectors, deans, heads of departments, managers and employees of structural divisions of studying, teaching staff, representatives of employers' organizations and alumni, as well as having carried out a survey of students and faculty, analyzing required documents, educational infrastructure, technical information and methodological resources Experts from the University notes the following:

The strengths of the OP are:

- Systematic assessment of the impact and effectiveness of the implementation of EP are based on the analysis of information;
- Involvement of students, staff and faculty in the process of collecting and analyzing information as well as decision-making on their basis;
- The use of modern information systems, information and communication technologies and software for the purpose of adequate management information.

EP weaknesses are:

- The organization of employment and career opportunities for graduates of educational programs;
- Analyze the information to identify and predict risks

In order to develop and improve the activities of the University to implement the accredited educational programs EEC IARA recommends:

- To systematize the process of employment and career opportunities for graduates of educational programs.

By the standards of "Information management and reporting" accredited educational programs are 9 strong, satisfactory 10 positions, 1 for improvement

#### **4.8. Standard "Public awareness"**

The leadership of university provides a communication and information exchange at the University of vertically and horizontally by:

- The distribution of organizational and administrative documentation, decisions of the Academic Council, administration and other types of documents, including using the corporate network;
- Meetings of the staff;
- Techniques for personal and business issues;
- Business correspondence (memorandum and explanatory notes, statements);

- Newspaper "Alau" visual information materials, scientific and methodical publications and articles in the central and local press;
- Placement of information on bulletin boards on the website of university.

The information about the implementation of the EP specialties "Ecology", "Geography", "Biology" at the University of EP objectives presented, the results of training are awarded the qualification, employment opportunities, given objective information on the composition of teaching staff, there are personal trainers page. Systematically the site of the university provides information on the interaction of departments of geography, ecology and tourism, biology and TM with leading and international organizations on the development and implementation of the EP.

One of the ways of dealing with complaints and suggestions of stakeholders is to appeal directly to the head of the university in his personal blog, located on the home page of the University. In addition, the website of the department in "Manual" indicated data of the department head indicating his email address by means of any interested person can ask a question. Satisfaction of interested parties as the information obtained in its entirety investigated by analysis of questionnaires for students and faculty.

An important factor in informing the public is the participation of the Special Department of Geography, Ecology and Tourism, biology and TM in a variety of procedures, external evaluation, including Kazakhstan rankings. For instance, specialty 5V011600 - Geography on the results of an independent national rating EP.2014 took the 3rd place.

Analysis of the content of the website of the university EEC IAAR revealed that:

- Information placed on the website is not updated regularly and does not have duplication in different languages, announced it;
- Does not ensure transparency of information, complaints through the placement of a virtual book of complaints for consumers on the website of the university;
- Did not provide information about the interaction with research / consulting organizations and educational organizations that implement similar educational programs.

EEC IAAR conducting meetings, conversations and interviews with the rector, vice-rectors, deans, heads of departments, managers and employees of structural divisions of studying, teaching staff, representatives of employers' organizations and alumni, as well as having carried out a survey of students and faculty, analyzing required documents, educational infrastructure, technical information and methodological resources Experts from the University notes the following:

The strengths of the OP are:

- Availability of courses in the program, that students innovative teaching methods of learning
- Different ways to disseminate information, including information networks to inform the public and interested parties;

In order to develop and improve the activities of the University to implement the accredited educational programs EEC IAAR recommends:

- Ensure the transparency of information complaints by placing a virtual book of complaints for consumers on the website of the university;
- To reflect information about the interaction with research, consulting organizations and educational organizations that implement similar educational programs.

By the standards of "Public Awareness" accredited educational programs are 6 strong and 6 satisfactory positions.



#### 4.9. "Standards in the context of the individual disciplines"

Teaching is based on modern achievements of world science and practice in the field of specialization, as well as using advanced methods and techniques of teaching - method of contextual learning, problem-based learning, critical thinking, it is widely practiced by the use of trainings, business games, etc. Widely used in the teaching of information and communication technologies and other modern educational technology.

The following competencies were indicated in a review of employers available to graduates of the educational program: the presence of a highly professional competence; vivid manifestation of social and personal competencies, and others.

The results of training on educational programs are: the formation of students' competencies demanded by the labor market, professional activity aimed at psycho-pedagogical support of the educational process; personal and professional and social development of students, promotes socialization, development of a common cultural identity.

Educational program "Ecology", "Geography" and "Biology" undergraduate and graduate programs have been implemented within the framework of the general training program and should include the study of cycles trainees following subjects: general education, basic and specialized discipline.

Educational programs in areas of "Science", "Education", "Scientific and pedagogical" and "profile" meet the following requirements:

- basic educational program of Bachelor and Master is developed on the basis of state educational standards and includes working curricula, programs, courses, training programs and production practices;
- the compulsory minimum requirements for the content of the basic bachelor and master educational program, to the conditions of its implementation and the timing of its development are determined by the state educational standards;
- basic educational training program for bachelor's, master were formed an essential component of the disciplines and elective courses a student or a student.

As part of the educational program "Agroecology", "Geography and Ecology" and "Water management and water cycle management" students should master the competencies described in the OP and SES RK (General Provisions).

During the training special attention is paid to the practical aspect, implemented under the occupation of specialization.

Graduates studying the trajectories "Agroecology", "Geography and Ecology" and "Water management and water cycle management", there are in-depth theoretical knowledge in the field of agro-ecology, geo-ecology and management.

Graduates possess in-depth skills in the field of experimental and ecological studies, analytical work and documentation for the Environmental Impact Assessment; critical and creative thinking, formulation and solution of educational problems.

Graduates of educational programs are literate in information technology, including the skills they have and the basic functions of modern computer software as editing and creating text, database tables, the use of multimedia resources, skills, using the Internet browser.

Within the framework of the overall program educational programs "Ecology", "Geography" and "Biology" implemented the study of general subjects, with elements of the program of studying the humanities (philosophy, history of Kazakhstan, fundamentals of the economy, the foundations of law, the environment and sustainable development, sociology, etc.)

The training focuses on practical aspects implemented under occupation by specialization. The curriculum is also supplemented by some subjects related to international issues.

EEC IAAR conducting meetings, conversations and interviews with the rector, vice-rectors, deans, heads of departments, managers and employees of structural divisions of studying, teaching staff, representatives of employers' organizations and alumni, as well as having carried out a survey of students and faculty, analyzing required documents, educational infrastructure, technical information and methodological resources Experts from the University notes the following:

The strengths of the OP are:

- The presence of self-teaching skills;
- The presence in the program of courses, training of innovative methods of teaching and education planning
- Educational programs in areas of "Science", "Education" meet all the requirements for compiling EP.

- EP for areas of "Science", "Education" include the discipline aimed at the acquisition of skills In order to develop and improve the activities of the University to implement the accredited educational programs EEC IARA recommends:

- Contribute to the regular holding of special seminars and discussions of the latest methodologies and technologies of learning.

By the standards "Standards in the context of individual specialties" educational programs are accredited by 4 strong and satisfactory 2 positions

#### RECOMMENDATIONS to University

Recommendations for specialized accreditation of educational programs 5V060800 - Ecology, 5V011600 - Geography and 6M060800 - Ecology, 6M011600 - Geography and 6M060700 - Biology:

- To intensify efforts to harmonize the content of educational programs with similar educational programs leading foreign and Kazakh institutions of education and formation of joint educational programs;
- Intensify the work on the development of multilingual educational programs;
- The presence of the university the possibility of professional certification to ensure its implementation of accredited educational programs;
- Enhance the ability of internal and external mobility of students and faculty;
- To increase, in a growing number of students in the state and Russian languages, the number of corresponding educational, methodical and scientific literature in the disciplines of educational programs;
- Regularly to update the information on our site, including duplicating the languages stated on it.