



INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

**Of External expert commission on the results of
specialized accreditation of educational programs**

5B042100 «Design»,

5B072400 «Technological machines and equipment»

5B073100 «Life safety and environmental protection»

6M073100 «Life safety and environmental protection»

Of Innovative University of Eurasia

May 31 to June 2, 2017

Pavlodar 2017

INDEPENDENT AGENCY OF ACCREDITATION AND RATING
External expert commission

Addressed to
Accreditation board of IAAR



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Of Innovative University of Eurasia

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In accordance with the Order No. 36-17-OD of May 19 2017, of the Independent Accreditation Agency and the rating from May 31 to June 2, 2017 the external expert commission assessed the conformity of the educational programs 5B042100 «Design», 5B072400 «Technological machines and equipment», 5B073100 «Life safety and environmental protection», 6M073100 «Life safety and environmental protection» to the standards of specialized accreditation of the IAAR.

The report of the external expert commission (EEC) contains an assessment of the submitted educational programs to the criteria of the IAAR, recommendations of the EEC for further improvement of educational programs and profile parameters of the educational programs of the Innovative University of Eurasia.

The composition of the EEC:

1. Chairman of the Commission - Yuri Nikolaevich. Pak, Doctor of Technical Sciences, Professor, Karaganda State Technical University (Karaganda);

2. Foreign expert - Prof. Erika Vaiginiene, Consultant of Texnopolis Group Baltic (International company), Associate Professor of Vilnius University, Professor of the Academy of Theater and Music, FIBAA expert (Vilnius, Lithuania);

3. Expert - Turebaeva Klara Zhamanbaevna, Doctor of Pedagogical Sciences, Aktyubinsk Regional University named after. To Zhubanov (Aktobe);

4. Expert - Ualkhanov Bayzhan Nurbaevich, PhD, Associate Professor, NAO "National Agrarian Research and Education Center" of the Ministry of Agriculture of the Republic of Kazakhstan (Astana);

5. Expert - Shaigozova Zhanerke Nauryzbaevna, Candidate of Pedagogical Sciences, Associate Professor, member of the Academy of Arts of the RK, UNESCO expert on arts education, Kazakh National Pedagogical University. Abay (Almaty);

6. Expert - Nurtaeva Ainur Bolatbekovna, Ph.D., Kazakh Agrotechnical University named after S.Seifullin (Astana);

7. Expert - Erbekulan Kilibaev, Candidate of Technical Sciences, Corresponding Member of the International Academy of Informatization (Almaty);

8. Expert - Begenova Ainagul Baibolsynovna, Cand.Tech.Sci., Associate Professor, Kazakh Agrotechnical University. S. Seifullin (Astana city);

9. Expert - Dilnara Ikramkhanovna Zakirova, PhD Doctor, Turan University (Almaty);

10. Expert - Lebedeva Larisa, Ph.D., Associate Professor, Kazakh National Pedagogical University. Abay (Almaty);

11. The employer - Ilyasova Bakhytzhana Ilyasovna, the head of the human capital development department of the Regional Chamber of Entrepreneurs of Pavlodar region (Pavlodar);

12. Student - Alibekova Kamilla Kanatovna, Master of 1 course of the specialty "Life safety and environmental protection" Pavlodar State University. S. Toraigyrova (Pavlodar);

13. Student - Zhunna Andreevna Gluntsova, 3rd year student of the specialty "Metallurgy" of the Pavlodar State University. S. Toraigyrova (Pavlodar);

14. Student - Mukhametkairov Arslanbek Yerbolatovich, 4th year student of the specialty "Pedagogy and Psychology" of the Pavlodar State Pedagogical Institute (Pavlodar);

15. The observer from the Agency is Timur Erbolatovich Kanapyanov, the head of international projects and public relations of the NAAR (Astana).

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1 Profile of Innovative University of Eurasia

The history of the development of the first non-governmental higher educational institution in the region begins in 1991, when in agreement with the Ministry of National Education of the Kazakh SSR in Pavlodar region the Educational, Research and Production Center on the basis of which the preparation of the first specialists of the economic profile in the region was started on an economic basis is created. Thus began the history of the first non- governmental university in the region. In order to preserve the common educational space with Russia, as well as to provide joint training of personnel in Kazakhstan-deficient specialties on the basis of the Educational, Research and Production Center, a Kazakh-Russian University was established in 1994, which in 1995 was reorganized into the Institute of Economics and Engineering, which trained personnel in Kazakhstan region's deficient specialties of an economic and legal profile of higher and secondary vocational education. In 1997, the Institute of Economics and Engineering acquired a new status - Pavlodar University, which included: a school-lyceum, colleges, a university, an institute for advanced training and six research institutes. In 2006, Pavlodar University was renamed into the Innovative University of Eurasia, the priority development direction of which is the active entry into the world educational space, development and introduction of innovative technologies, close connection with business. At the same time, the InEU's mission was formulated, which is still relevant today: "Education through innovation and international cooperation, competitiveness through knowledge and professionalism." The mission is an integrating link in the work of the university. Based on this, priorities, strategic goals and tasks are determined, activities of all structural units of the university are planned and organized, prospects for further development reflected in the "Performance indicators of the development of the Innovative University of Eurasia for 2016-2020 (approved by the decision of the Academic Council Protocol No. 10 dated 20 June 2016) and in the Strategy for the Development of the Scientific and Educational Complex " Innovative University of Eurasia for 2012-2017" (updated on 03/03/2014). Today, InEU is the largest multi-disciplinary higher educational institution in the Republic of Kazakhstan, which provides training in 51 specialties of the bachelor's degree, 23 specialties of the magistracy and 2 specialties of doctoral studies in economic, legal, technical, natural sciences and humanitarian directions in accordance with state license No. 0137472 issued by the Ministry of Education and Science of the Republic of Kazakhstan on October 16, 2010 (Appendix B). More than 40,000 graduates consider the alma mater as the launching pad for a successful career.

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A significant event in the history of the university was the entry of the University into the Magna Charta of the European Universities. In 2009, according to the results of the II Innovation Forum, InEU was recognized as the "Best University of Kazakhstan". At this time, active work in the international project on entrepreneurship "GEM" has began.

The university is included in the rating of the TOP 200 universities in developing Europe and Central Asia (2016). According to the European Scientific and Industrial Chamber, the

Innovative University of Eurasia is included in the rating of the international educational agency IES.

According to the results of the ranking of universities conducted by the Independent Kazakhstan Agency for Quality Assurance in Education (IKAQAE, Kazakhstan) (www.nkaoko.kz), the position of the Innovative Eurasian University for the last 8 years is included in the top ten in the General ranking of universities of Kazakhstan (multi-disciplinary universities).

In 2011, InEU established a regional educational-scientific-production consortium "Corporate University", which unites educational institutions and business structures of the Pavlodar region. Such cooperation contributes to a more dynamic development of the university within a market economy, in conditions of a high level of competition and makes it possible to carry out targeted training for a company or organization. Such cooperation contributes to a more dynamic development of the university in a market economy, in conditions of a high level of competition and makes it possible to carry out targeted training of specialists for a company or organization. Today, the University is a member of the European Association for International Education (EAMO), Institute for International Education, Central Asian Foundation for Management Development (CAMAN), The Network of Institutes and Schools of Public Administration in Central and Eastern Europe (NISPACEE), Educational network Ednet, a member of the United Nations in the direction of Academic influence, Siberian Open University Association.

The website of InEU provides a high degree of information support and electronic access to the resources of the university.

In 2014, the university successfully passed the institutional accreditation and specialized accreditation of 12 Bachelor's degree educational programs in the Independent Kazakhstan Agency for Quality Assurance in Education. By the decision of the Accreditation Council of the Independent Kazakhstan Agency for Quality Assurance in Education, the University was provided with the Certificate of Institutional Accreditation IA №0036 dated 9 June 2014 and the Certificate of Accreditation of 12 Bachelor's degree educational programs SA №0067 dated 3 June 2015. Analysis of the forecast of the need for highly qualified specialists in the region for the next 5 years and the consistently high graduate employability (90 or more) indicate the need to continue specialists training on the specialties of the university.

Taking into account the achieved results, it can be said with confidence that InEU successfully develops and improves.

2. General assessment of educational programs

Innovative University of Eurasia carries out its activities on the basis of the State license for the right to provide educational services No. 0137472 dated October 16, 2010.

Educational programs 5B042100 «Design», 5B072400 «Technological machines and equipment», 5B073100 «Life safety and environmental protection», 6M073100 «Life safety and environmental protection» are implemented in accordance with the State Program of Education Development of the Republic of Kazakhstan for 2011-2020, General State Education Standards of the Republic of Kazakhstan, the University Development Strategy.

The content of educational programs is developed taking into account modern achievements of science and technology and production requirements. Every year the catalog of elective disciplines and working curricula are updated.

Evaluation of educational achievements and the level of preparation of students, undergraduates, is provided through the application of a score-rating system. Ensuring the required quality of training specialists is carried out using modern educational technologies. The executors of the main educational processes are highly qualified teachers. Planning, management and implementation of educational programs is carried out in accordance with the perspective development plans of the university. Training of specialists in educational programs 5B042100 "Design", 5B072400 "Technological machines and equipment", 5B073100 "Life safety and environmental protection", 6M073100 "Life safety and environmental protection" is carried out in intramural, evening and extramural forms of training in Kazakh and Russian Languages using remote and dual technologies.

The content of educational programs is formed in accordance with the requirements of the State Educational Standard of Higher and Post-Graduate Education, approved by the Decree of the Government of the Republic of Kazakhstan No. 1080 of August 23, 2012, foresees the study of the cycle of educational, basic and major disciplines, and the passage of practices in the relevant specialties.

Educational programs 5B042100 «Design», 5B072400 «Technological machines and equipment», 5B073100 «Life safety and environmental protection», 6M073100 « Life safety and environmental protection » have the following positive aspects:

- plans for the development of educational programs are coordinated with representatives of all stakeholders and approved by the Academic Council of the Academy;
- ensuring compliance of TS with qualification requirements, level and specificity of the educational program;
- created a learning environment that reflects the specifics of educational programs, which includes: interactive resources, including teaching materials and assignments;
- cooperation with employers is aimed at the formation of practice-oriented training of students;
- automation of knowledge control and recording of students' learning achievements;
- the functioning of an electronic library with unlimited access to library resources, free WI-FI.

3 Description of External Expert Commission visit

Information on employees and students who took part in meetings with the EEC of IAAR

Category of participants	Number
Rector	1
Vice-rectors	5
Deans of faculties	2
Heads of departments	5
Heads of offices and heads of divisions	14
Teachers	21
Students, master's degree students	24
Alumnus	20
Employers	16
Total number:	108

During the excursion the EEC members visited the InEU Museum, the Scientific Library, the Center for Innovative Technologies, the Research Institute of Energy-Resource-Saving Technologies, MEDEX Medical Center, the Pavlodar Regional Scientific and Technological Center, the training laboratories, and visually inspected computer classes and lecture rooms.

At the relevant departments were familiarized with the material and technical base, educational and methodical security of the educational process for accredited educational programs, graduate bachelor's theses and master's theses.

The events planned within the framework of the visit of the EEC of IAAR facilitated the detailed familiarization of experts with the university's educational infrastructure, material and technical resources, faculty, representatives of employers' organizations, trainees and graduates. This allowed the IAAR members to conduct an independent assessment of the compliance of the data set out in the self-assessment reports of the university's educational programs with the criteria for the specialized accreditation standards of the IAAR.

During the visit, the members of the EEC familiarized themselves with the practice bases: Aluminum of Kazakhstan JSC, ERG Service JSC, Raisy Fashion Theater, Da Vinchi FE, KSP Steel, Department of Ecology in Pavlodar Region, Committee of Environmental Regulation and Control of the Ministry of Energy of RK.

Within the framework of the planned program, recommendations for improving the activities of the university were presented at a meeting with the management on June 2, 2017.

Members of the Higher School of Economics attended classes and defense of diploma projects on accredited EP: protection of the thesis work 5B042100 - Technological machines and equipment (on branches) in classroom № 217; Lecture and practical lesson on EP 5B073100 - Life safety and environmental protection (teachers Hamzina Sh.Sh., Godina NN) in lecture rooms No. 213 and No. 229; Binary lessons on EP 5B042100 - Design (Mazina Yu.I., Volkova NN) in lecture rooms No. 131 and No. 228.

4. Compliance with the standards of specialized accreditation

4.1. Standard "Management of educational program"

The goal of accredited educational programs is the formation of competent, highly qualified, multilingual specialists capable of analyzing and making decisions, implementing the policy of sustainable and stable development of the Pavlodar region. The implementation and development of the programs under consideration is determined by the mission, vision, development strategy of the Innovative University of Eurasian.

The collegiality and transparency of the formation of plans for the development of educational programs is confirmed by the participation of faculty, students, all categories of stakeholders and employers. The effectiveness of the implementation of educational programs is assessed by the internal commissions of the university, which are developing a set of measures to improve the quality of training specialists. The results of the assessment of educational programs are systematically discussed at the meetings of the department, the Council of the Faculty and the University, which take decisions on measures to ensure the quality of education.

One of the aspects of the uniqueness of the EP is the provision of opportunities for students to conduct research and carry out scientific, technical and consulting services in accordance with the plan for implementing innovative projects of the university. For example, at the Department

of Industrial Engineering and Design, projects are being implemented: "Development of technology and technology for production and storage of agricultural products in growing areas" (state registration number No. 0112RK03008); "Purification of sewage from phenol by adsorption on wood with subsequent polycondensation" (state registration number 0115RK01368). Training sessions for students on accredited EPs, along with general purpose audiences, are conducted in specialized auditoriums, training laboratories, creative workshops and computer classes and on the basis of productions.

The material resources of specialized offices are represented by computer equipment, interactive whiteboards, audio-video equipment, multimedia projectors, copying equipment, software products and other specialized equipment (CNC machines, 3-D printer, metalworking machines, hydraulic laboratory, electromechanical laboratory, design studio of architectural landscape, painting and drawing studio, ceramic workshop, mini sewing workshop, muffle furnace for baking, etc.). In the laboratories of CIT (Center for Innovative Technologies), students can familiarize themselves with electrical appliances; safe electrical tools; devices for replacing the norm of lighting the room, etc.

For example, according to EP 5B073100 and 6M073100 - Life safety and environmental protection has its specialized office "Health and safety", equipped to view a slide of lectures and videos, as well as mock-ups and literature for the provision of first aid. From the CIT database, these two laboratories use "Biological processes and technologies" and "Chemical technologies" equipped with instruments (pyrometer, luxmeter, anemometer, psychrometer, barometer, laboratory scales, light filter, spectrophotometer, microscopes, FCC-2, FCC-3 , liquid chromatograph, etc.). Specialized cabinet " Health and safety " classroom 213, equipped to view a slide of lectures and videos on labor protection and Safety of Living.

In the classroom 403 "Integrated Electric Power Laboratory" students get acquainted with the basics of electrosecurity lighting, safe tools for electricians, instruments for measuring the lighting standards of the room; No. 004 laboratory "Mechanics of Fluids and Gases" and No. 224 "Physics" students get acquainted with the safety of working pressure vessels; No. 203 "Cabinet for labor protection", No. 217 "Machine building"; No. 229 "IT", No. 230 "Organization of road traffic", No. 016- "Machine parts and mechanisms", No. 121 "Machine tools with numerical control", No. 205 "Chemical and biotechnological processes", No. 203 "Laboratory of microelectronics and digital devices" , "Power Engineering", No. 204 "Metallurgy", "Laboratory of Metrology", No. 224 "Theoretical Physics", No. 225 "Energy Saving and Energy-Efficient Technologies". Corners of safety equipment are in satisfactory condition and equipped (fire extinguisher, Safety Instructions journal, a first aid kit, a schedule of sanitary days).

EP "Design" functions in the Engineering Academy, which is represented as a specialized computer class equipped with professional programs CorelDraw, FotoShop, 3DMax, AutoCad (310k.). There are two project audiences for prototyping, working with various art materials. In the industrial design workshop there is a mini-sewing workshop: a cutting table, a sewing machine, an overhead, irons, a detachable mannequin and cabinets for storing special equipment (scissors, needle measuring devices, etc.). There is also a sculptural workshop, in which there is equipment for burning ceramics, cabinets for storing tools, glazes, smalt, etc.

All audiences are equipped with demonstration and collection materials, laboratory equipment, distributing and visual materials. During the training, models, mock-ups, training tables, tablets, etc. are used. Specialized design workshops are equipped with all necessary equipment (malberts, visual aids, etc.). The individuality of the development plans of the EP is conditioned by the possibility of constructing an educational trajectory by trainees by choosing

the disciplines taking into account personal preferences, available resources and the changing needs of the labor market.

In order to increase competitiveness, the following types of activities are developed and implemented at the Department of Industrial Engineering and Design: attraction of TS from the near abroad; analysis of the relevance and competitiveness of graduates; development of internal and external academic mobility; expansion of the academic environment of the university. In general, there is a systematic character in the management of the implemented educational programs, which is expressed in the creation of the necessary collegial bodies for monitoring the quality of content.

The content of accredited Bachelor's and Master's degree programs corresponds to the State Compulsory Educational Standard approved by the Government of the Republic of Kazakhstan on August 23, 2012 № 1080, № 292 of 13.05.2016, the rules of the organization of the educational process on the credit technology of education, approved by the order of the Minister of Education and Science of the Republic of Kazakhstan from April 20, 2011 № 152, the standard curriculum (SC) approved by the Ministry of Education and Science of the Republic of Kazakhstan and guarantees the high quality of specialist training, which corresponds to the mission of the university and meets the needs of employers.

The department "Industrial Engineering and Design" regularly monitors the implementation and adjustment of the development plan for educational programs of specialties 5B072400 - Technological machines and equipment (on branches), 5B042100 - Design, 5B073100 - Life safety and environmental protection, 6M073100 - Life safety and environmental protection and their implementation. During the implementation of educational programs, statistics on the contingent of students and graduates, available resources, the staffing of scientific and international activities and other areas are collected and analyzed.

All accredited EPs are provided by WCs, syllabuses, and EMCD, developed in accordance with the normative documents in Kazakh, Russian and English languages (for multilingual groups and English with additional specialization). The content of WCs, syllabuses and EMCD meets the modern requirements of training specialists and the specifics of the EP, methodical instructions for the fulfillment of IWS tasks have been developed for all disciplines.

In educational programs, the logical sequence of modules and courses of disciplines is maintained. Individuality of plans for the development of the EP is determined by the fact that the staff of the department develop individual elective courses designed to develop professional skills necessary for scientific, creative and pedagogical activities. The results of the research are reported at various levels by scientific and practical conferences, scientific circles and seminars.

All procedures and processes of activity of the department "Industrial Engineering and Design" are aimed at maintaining and developing the achieved level of the quality of education. This is evidenced by the stability of students' academic achievements, the recognition of graduates of the EP and the quality of their professional activities and career growth. Monitoring is carried out on issues related to the development of the social sphere, educational activities, organization of leisure time outside of school hours, wages of employees and financial support for students. The respondents' groups of the survey procedure are trainees, graduates, staff of the Institute and employers, which also makes it possible to assess the effectiveness of certain areas of work.

One of the tools for monitoring the quality of implementation of the EP are sociological surveys in the form of questionnaires "Teacher through the eyes of students", "Questionnaire for employers", "Questionnaire for graduates", "Questionnaire for heads of practical bases",

"Questionnaire for student interns", etc. held once a year. Comparative analysis shows that the average score of professional TS assessment is quite high. The analysis of these questionnaires of the graduates shows that all the employed are working in their specialty, the level of general professional training is estimated to be high.

The main indicator of the effectiveness of the functioning of accredited EP is the proportion of graduates employed and their further career growth. The dynamics of the share of employed graduates in the last five years is reflected in Table 1.

Based on the results of the questionnaire, the degree of satisfaction with the management system, the reasons for the nonconformities, and the decisions on adjusting the work plans according to the areas of activity are analyzed. The recommendations developed on the basis of the analysis of the received information are used to make tactical and strategic management decisions to improve the activities of the university, create and support the conditions for the successful implementation of its Mission and Strategy. In addition, the data obtained are used when passing the competition and attesting teachers.

The management of the university systematically analyzes the results of monitoring and evaluating the effectiveness of the quality policy, which is expressed in many aspects. For example, the document that regulates the opinions of the collective of the university in assessing its activities and the activities of its educational structures is P 03.1310.01-2014 (Regulations on the procedure for conducting questionnaires of students and teaching staff in InEU, approved and put into effect by order of the rector of 05/05/2014 No. 1542-02 / 128); Systematic questionnaires and many others.

The TS survey conducted during the EEC of IAAR visit showed that the involvement of the PPP in the process of making managerial and strategic decisions is Very good - 23.9%; Well - 66, 2% Relatively bad - 9.9%.

The Strengths of the EP are:

- The individuality of the educational programs of the cluster, is expressed in the orientation to meet the needs of the region and all stakeholders, and also to achieve the priorities and objectives of the university development;
- Presence of an internal system of quality control of education, a system of current, intermediate and final control of knowledge, rating evaluation and expert control of the professional level of the teaching staff;
- Availability of material and technical base (specialized audiences and interactive offices, computer rooms, laboratories, creative workshops, etc.) corresponding to the qualification requirements for all specialties being prepared in the university.

In order to develop and improve the implementation of the accredited EEC educational program, IAAR recommends::

- Actualize the work on improving the content of educational programs with similar EP of leading domestic educational organizations;
- To intensify the work on the introduction of the results of research and creative work of the teaching staff in the educational process;
- Regularly conduct discussion and implementation of the newest innovative technologies for EP;
- Establish a system of effective feedback from consumers to the developers of the EP.

According to the Standard "Management of the educational program" accredited educational programs 5B072400 - Technological machines and equipment (by industry), 5B042100 - Design, 5B073100 and 6M073100- Safety of vital functions and protection of the environment have 8 strong, 14 satisfactory positions, 5 positions requiring improvement.

4.2. Standard "Development and approval of educational programs"

In InEU, the process and procedure for the development and approval of the accredited specialties are carried out in accordance with the requirements of the State Educational Standard. In this process, TS, departments, faculties, structural subdivisions, etc. are involved. Implementation mechanisms are open and vowels, decision making is collegial. The scientific level and goals of the university's educational programs meet the requirements, are consistent with the mission of the university and meet the needs of potential consumers. Timely changes and additions are made to the educational programs, the basis for reviewing and introducing changes, the development of a new edition can be: changes in the State Educational Standards, specialty SC; Changing of the requirements of the labor market.

Trainees with the help of Adviser form an individual educational trajectory on the basis of recording on elective disciplines of specialties offered by the department. At the same time, students are guided by curriculums and a catalog of elective disciplines. The catalogs of elective disciplines of all EP are made taking into account educational trajectories at the choice of students. Selection of disciplines for CED passes the procedure of the contest of applications for elective disciplines, determining the relevance of the selection matrix for ED, as well as the consideration of the opinion of employers. Workers participating in the design of CED EP 5B042100 – Design are: LLP "House of the Press", Fashion Theater Raisy, OP 5B072400 - Technological machines and equipment (according to branches): Rosa JSC, Pavlodar Petrochemical Plant LLP, RubyKom LLP, EP 5B073100 - 6M073100 - Life safety and environmental protection: LLP "Regional Scientific and Practical Center "Sistema", " Pavlodar Petrochemical Plant" LLP.

Elective disciplines of the profiling cycle take into account the latest changes in the labor market, reflect the interests of the employer, and together with all types of practices with field visits practitioners are focused on preparing for professional activities.

The catalogs of elective disciplines are updated annually, new elective courses are developed at the request of employers and students, and the content of disciplines in the specialty is adjusted.

Taking into account the specifics of the Pavlodar region development sector, employers and InEU's TS introduced additional educational courses, such as: "Introduction to business" and "IT technologies". Additional tuition fee is not charged. Each discipline is implemented in three trajectories, depending on the specifics of the accredited EP. For example, "Introduction to Business" is realized through practicing businessmen of the Chamber of Entrepreneurs in Pavlodar, "Damu" Foundation and individual entrepreneurs. The discipline of "IT-technology" is specified for each specific EP. For example, for the specialty Design is the increase of IT competence in graphic editors and professional design programs.

The guidance for the development of all accredited EPs adheres to the goal of ensuring the continuity of the content of the training material, and also takes into account the logic of the

academic interconnection of disciplines, their consistency and continuity. In the bachelor's and master's degrees, the competence of higher and post-graduate education is being mastered according to the Dublin descriptors. Each EP is developed separately according to the forms, levels and terms of training.

All the necessary information about the possibilities for the formation of an individual educational trajectory is obtained by the trainees from the adviser and the office-registry of the university. Consultative assistance in the selection and implementation of the individual educational trajectory of the student, the preparation of IC, as well as in other academic matters is carried out through the Service of the advisers, whose functions are regulated by the Regulation on the organization of work of the advisers.

Competence model of the graduate for each of the EP is developed on the basis of the State Educational Standard of the Republic of Kazakhstan from 23.08. 2012 No. 1080 (Amendment and Additional Order No. 292 of May 13, 2016), the "Qualification Reference Book for the Positions of Managers, Specialists and Other Employees" approved by the order of the Ministry of Labor and Social Protection of the Population of 25.11.2010 No. 385 ; Job descriptions of employees, as well as the results of a survey of academic experts and employers on specialties.

To identify the necessary competencies of the future specialist, the opinions of the EP, employers and other stakeholders are taken into account. The competence model is verified and validated at enterprises, educational organizations and institutions.

Models of graduates of EP 5B072400 - Technological machines and equipment (according to branches), 5B042100 - Design, 5B073100 - Life safety and environmental protection, 6M073100 - Life safety and environmental protection are developed at the department "Industrial Engineering and Design" and are associated with the formation of students Necessary knowledge, skills, development of the ability to think creatively, development of personal qualities, (patriotism, citizenship, psychological stability, purposefulness, organization , Communicative, tolerance, general culture), allowing to implement the formed competences in professional activities.

When developing the model of graduates, employers in EP 5B042100 - Design: LLP "House of Printing", Theater of Fashion Raisy, EP 5B072400 - Technological machines and equipment (on branches): Rosa JSC, Pavlodar Petrochemical Plant LLP, RubyKom LLP ", EP 5B073100 - 6M073100 - Life safety and environmental protection: LLP" Regional Scientific and Practical Center "Sistema", LLP "Pavlodar petrochemical plant" take part.

Questioning of students, conducted during the visit of the EEC of IAAR, showed that:

– The level of responsiveness to feedback from teachers regarding the learning process is fully satisfied by 89.7%; - satisfied with the quality of teaching - 10.3%.

Strengths of the EP are:

- Availability of documented development procedures, annual revision of the content, close interconnection of content and planned learning outcomes for accredited EPs;;
- The availability of dual training for accredited EPs;
- Coordination and review of working curricula, recommendations and implementation of elective courses by employers;
- Presence of the composition of elective courses of the EP disciplines reflecting the modern achievements of science and technology in the field of life safety, technological machines and equipment, design.

In order to further develop and improve the implementation of the accredited educational program, EEC of IAAR recommends::

- strengthen cooperation and exchange of experience with foreign universities for the implementation of two-diploma education;
- Strengthen work on own developments in the field of teaching methods for profile disciplines;
- intensify work in the field of experience exchange with universities that implement similar educational programs.

According to the Standard "Development and approval of the educational program" the accredited educational programs 5B072400 - Technological machines and equipment (according to branches), 5B042100 - Design, 5B073100 and 6M073100- Life safety and environmental protection have positions of 10 strong, 7 satisfactory, 4 suggest improvements..

4.3. Standard " Student-centered teaching, teaching and assessment of programs "

Implementation of OP 5B072400 - Technological machines and equipment (by industry), 5B042100 - Design, 5B073100 - Life safety and environmental protection and 6M073100 - Life safety and environmental protection relies on the introduction of student-centered training in all forms and directions of educational activities, which plays an important Role in the achievement of learning outcomes for the students.

The principle of student-centered learning in InEU is based on respect and attention to the individual students and their needs, expressed in providing flexible learning paths; The use of various forms of teaching and a variety of pedagogical methods and technologies; Regular feedback on all issues; Supporting the autonomy of the learner with simultaneous proper guidance and assistance from the teacher; Strengthening mutual respect of the teacher and student; Presence of necessary procedures for responding to student complaints.

Student-centered training at the department is expressed in the organization of dual training and binary classes on the EP, as well as the introduction in ATR of such disciplines as "introduction to business" and "electronic business and commerce."

The teaching staff of the chair actively participates in the introduction of innovations, various teaching methods and technologies, including in the course of scientific and creative projects focused on the needs of employers and consumers, and also work on the development of methods for teaching disciplines. Thus, the teachers of the department issued the following textbooks and teaching aids: " Ekologiya i ustoychivoye razvitiye" by Khamzin Sh.Sh., Ph.D., Professor, co-author Zhumabekova B.K., Doctor of Biological Sciences, prof. of PSPI, was sent to Almaty in March 2017; Vodnyye resursy Pavlodarskoy oblasti, ikh okhrana i ratsional'noye ispol'zovaniye: tutorial. Khamzin Sh.Sh., Sharipova Z.M., Omarova G.M. - Pavlodar: InEU, 2013. - 248 p. Co-authors; Ekologiya i ustoychivoye razvitiye: textbook. Khamzina Sh.Sh., Zhumabekova B.K. - Moscow: RAE, 2016. - 330 p.; Khamzin Sh.Sh. Teoretiko-metodologicheskkiye osnovy ekologizatsii vysshego professional'nogo i postdiplomnogo obrazovaniy.: the monography. - Pavlodar, InEU. - 2015. - 176 p.

Also, the TS of the Program developed electronic teaching aids: Inzhenernaya zashchita atmosfery. Hamzina S.S., Kadyrova M.S. Vodnyye resursy Pavlodarskoy oblasti, ikh okhrana i ratsional'noye ispol'zovaniye. Khamzin Sh.Sh., Omarova GM; Ecology of man. Khamzin

Sh.Sh .; Osnovy utilizatsii, obezvrezhivaniya i zakhroneniya promyshlennykh otkhodov. Khamzin Sh.Sh .; Kratkiy kurs inzhenernoy ekologi. Khamzin Sh.Sh.; Vvedeniye v ekologicheskiy marketing i menedzhment. Khamzin Sh.Sh. All electronic publications have a certificate of state registration for the object of copyright.

At the university, the Handbook for the freshers is constantly updated, which is available both on paper and in electronic form on the official website of the university and contains systematic information about the rules of internal regulations, organizational and procedural norms of the educational process.

One of the conditions for the implementation of educational programs is free access to international information networks, electronic databases, library funds, computer technologies, educational methodological and scientific literature. Annually the catalog of elective disciplines, modular reference books of educational programs is published.

In InEU, the dual system of training is widely practiced. So, for the specialty 5B072400 - Technological machines and equipment (by industry) from 2015 - 16 academic year, for specialty 5B042100 - Design from 2016 - 17 academic year. At the same time, trainees on accredited EPs are engaged in scientific and creative work, have the opportunity to participate in international, republican and regional scientific and practical conferences and competitions under the scientific supervision of the teaching staff, publish the results of their scientific research in domestic and foreign publications, study in scientific circles and clubs by interest. The result of the connection between scientific research, teaching and learning is the participation of students in the work of SSC, scientific conferences and competitions of scientific works.

Accounting for the individual characteristics and needs of students is carried out in various aspects of scientific and educational and creative activity: when choosing elective courses; When choosing the base of practice; When determining the topic of the thesis; When choosing the head of the thesis; With the participation of students in research and creative work.

Disciplines of educational trajectories consist of the disciplines of the obligatory component and the component of choice, the discipline of which is approved by CED.

The department carries out the necessary work to prepare students for the implementation of the diploma projects (works): the subject of the thesis is approved, according to which students can choose a topic in accordance with their interests and work profile. Themes of diploma projects (works) differ in their relevance, correspond to modern achievements of science, technology and design. The list of Diploma Project topics is reviewed annually. According to the curriculum, before the defense of diploma projects (works) students undergo pre-diploma practice at the production, creative enterprises of Pavlodar and the region. On pre-diploma practice, the main fund of materials on the graduation project is being collected.

Examination materials are developed in accordance with the work program of the discipline by the lecturer and are aimed at testing the knowledge, skills and skills of students, according to the requirements, and the discipline components are determined depending on the specifics. As an example, it is possible to conduct an analysis of the EMCD: specialty 5B04210 - Design, namely, "Elements and processes of profile design", the goal is to develop spatial thinking, study the laws of building figures; Tasks - a combination of different materials, the correct wording of the idea; Specialty 5B073100 - Safety of life and environmental protection , namely, "Technology and technology of atmospheric protection" purpose is to orient students in protecting the atmosphere from pollution by ventilation and technological emissions, assessing the danger of emissions, deciding on a specific method to reduce air pollution; Tasks - the study of methods and means to ensure high-quality air by engineering methods.

Final certification of undergraduates is carried out within the terms stipulated by the academic calendar and curricula of specialties in the form of passing a comprehensive exam and defending the master's thesis. The complex exam includes disciplines of the cycle of profiling disciplines of the Master's degree program.

Approximate subjects of master's theses are developed by the department of "Industrial Engineering and Design" and annually approved by the Academic Council of the university. Magistrants are given the right to propose their own subject of the master's thesis in the presence of justification of its relevance and expediency or application of the enterprise, organization, institution. The theme of the master's thesis and the supervisor of studies are fixed by the order of the rector of the university within two months after the enrolling of the undergraduate.

For students working scientific student societies and circles. In the context of the specialty 5B042100 Design there are two scientific circles "Creative" (11 people) head is senior teacher Koposova E.N. And "Batik" (10 people) head is doctor Phd Mazina Yu.I. Subjects of scientific research of students: "Methods and techniques for the design of environmental spaces", "Using decorative elements in the interior", "Environmental principles and their application in industrial design", "Forming and functionality", "Trends in folk costumes in modern fashion."

Within the framework of the trajectory "Industrial Design" for EP 5B042100 Design operates a circle "Batik", where experimental work is carried out to study the technological processes of artistic design of fabrics, small souvenir products are being developed, sketches for functional garment accessories. The students take part in the International Exhibition of the Eurasian Designers Union (Astana), in various forums of designers and architects, festivals, republican subject Olympiad (KazGASA, Almaty), where they take prizes.

In the context of the TME specialty there is a circle "Technology and technology of processing industries" head is Ph.D., professor Dubrovin P.V. There are 10 students in the circle. The students are engaged in research on the quality management of the food industry, the analysis of trends in the development of machinery for the production of feed in the CIS and far abroad, and many others. Within the circle, students, working on the above topics, term papers and theses, are preparing for the annual student conference of the Ministry of Education and Science of the Republic of Kazakhstan.

The educational program of the «Life Safety is represented» by four circles; "EcoLifu", "BZhD", "Erudite" - the head is M. Matveeva, Master of Science. And the student scientific circle "Ecologiya" head Khamzin Sh.Sh., Ph.D.. In "EcoLife" there are 6 people who work on topics: Environmental problems of a global scale. In " BZhD " there are 6 people, works on topics Natural Emergencies. Technogenic emergency situations, Environmental protection. In "Erudit" there are 6 people, subjects: World security and life issues.

Students of the three circles participate annually in the international conferences "Satpaev Readings", present reports at conferences of various levels - from university to international. Many students have from three to five published articles, which predetermines the possibility for bachelors to enter the magistracy, and magistrants to apply for admission to doctoral studies or start working in the university. The training departments actively participate in the International Olympiads. The circle "Scrabble" with 6 people and the circle "BZhD " with 6 people under the leadership of Matveyeva N.I. Made the team "Erudit" and took - 2 place in the International Olympiad "Erudite Planet-2016"; 4 Intellectual Internet game "Big race-2017" -1 place. Circle "Ecolife" - International Olympiad "Erudites of the planet - 2016" - the highest league; 4 Intellectual Internet game "Big Race" 3 rd place. 7 All-Russia interdisciplinary olympiad -

second-year student "Winner of the national championship in the RK". Student 3 course - received a diploma 2 place 2017g. On the subject international olympiad.

The circle "Ecologiya" (the number of students is 15), explores the environmental problems of the region associated with air pollution, water resources, flora and fauna. Members of the circle "Ecologiya" annually participate in the international student forum "Green Bridge Through Generations" and take prizes, as well as participate in the republican student subject Olympiad held by KazNU Al-Farabi. Students of this circle participate in the International Student Scientific Conference "Student Scientific Forum" 2016, Moscow (2 participants). Members of the circle "Ecologiya" take part in the International Internet Olympiad "Erudites of the Planet" annually, they take prizes.

Students under the direction of Hamzina Sh.Sh. participate in the initiative scientific work "Organization of a waste management and disposal system" in the city of Pavlodar, conduct morphological analysis and timekeeping of household waste at landfills. Second-year students of Life Safety and the Environmental Protection participated in the Olympiad of the First President's Fund (reflected on the website). An annual scientific student conference is held in InEU. April 13-14, 2017, the annual XLIII scientific-practical conference of the JAS of RK "Integration of Education and Science - Step into the Future" was held. In the department of Industrial Engineering and Design, there were three sections that represented three accredited OPs.

The effectiveness of the teaching methods used can be assessed by the results of studies, research and creative work of students. The acquired knowledge using innovative teaching methods is used by students in self-study, practice, speeches at conferences and seminars, as well as when writing research projects.

Questioning of students, conducted during the visit of the EEC of IAAR, showed that: - the level of timely assessment of students fully meets – 93,6%; and are satisfied - 6,4%.

Strengths of the EP are:

- Providing equal opportunities for students, regardless of the language of instruction in the formation of an individual educational trajectory;
- Introduction of modern computer technologies, electronic textbooks, training programs, multimedia technologies;
- Free access to international information networks, electronic databases, library collections, computer technologies, educational methodological and scientific literature;
- The availability of a basis for conducting practices on the basis of long-term contracts with enterprises (continuous expansion), as well as practical and laboratory training at the employer's production base.

In order to further develop and improve the activities of the Academy in the implementation of accredited educational programs, the EEC of IAAR **recommends:**

- Continue to work on the research and implementation of their results in the educational practice of accredited EP;
- To intensify the work of external and internal academic mobility of students.

According to the Standard " Student-centered teaching, teaching and assessment of programs " accredited educational programs 5B072400 - Technological machines and equipment

(on branches), 5B042100 - Design, 5B073100 and 6M073100- Safety of life and environmental protection have 5 strong and 6 satisfactory positions, 1 positions suggests improvements .

4.4. Standard «Students»

When forming a contingent of students, InEU is guided by the current regulatory and legal framework, the Model Rules of admission to the organization of education implementing professional higher education programs (approved by Government Decree No. 111 of 19.01.2012, dated from 30.06.2012, No. 896). The policy of forming the contingent is regulated by the "Regulations on Admission Commission No. 1542 - 02/087 InEU" approved by the rector on October 4, 2016.

Formation of a contingent of students is carried out through the placement of a state educational order for the training of specialists and scientific personnel, as well as payment for education at the expense of the citizens' own funds, the allocation of a rector's grant, discounts on tuition and other sources.

Based on the results of vocational guidance work of the departments, a database of graduates is being formed. Vocational guidance work of the university is conducted not only in the Pavlodar region, but also in neighboring regions. The result is an increase in the number of students from among applicants in these regions. In the current academic year, 32.1% of students study in the first course of specialties from neighboring regions of the region.

There is a stable interest of entrants to specialties 5B072400 - Technological machines and equipment (by industry), 5B042100 - Design, 5B073100 - Safety of vital activity and protection of the environment and 6M073100 - Life safety and environmental protection.

The contingent of students in the OP is presented in Table 1.

Table № 1. Contingent of students

Academic year	Mode of study	Total number of students	Students with grant	Studying on a fee paid basis	Studying in State language
5B042100 Design					
2014-2015	intramural	39	8	31	1
2015-2016	intramural	37	6	31	3
	extramural	2	-	2	-
2016-2017	intramural	32	6	26	7
5B072400 Technological machines and equipment					
2014-2015	intramural	35	22	14	15
2015-2016	intramural	31	22	9	10
2016-2017	intramural	34	23	11	11
	extramural	2	-	2	-
5B073100 Life Safety and Environmental Protection					
2014-2015	intramural	26	7	18	-
	extramural	15	-	15	-
2015-2016	intramural	54	21	47	6
	extramural	8	-	8	-
2016-2017	intramural	59	8	51	9
	extramural	18	-	18	-
6M073100					
2014-2015	intramural	9	-	9	-
2015-2016	intramural	8	-	8	-
2016-2017	intramural	14	-	14	-

In InEU, the procedure for recruiting and rules for credit offset when transferring from another institution is carried out in accordance with the Rules for the Transfer and Restoration of Students in Education Organizations (No. 638 of 09.12.2008).

In the context of accredited EP for the last three years, the progress and quality of the students' learning achievements are reflected in Table No. 2, where positive dynamics is noted.

Table № 2. Indicators of progress and quality of educational achievements of students

Year of study	Absolute academic performance									
	2014-2015				2015-2016				2016-2017	
	Semester									
	Fall		Spring		Fall		Spring		Fall	
	%	Average score	%	Average score	%	Average score	%	Average score	%	Average score
5B042100 Design										
Intramural attendance										
1 year	89	3,46	94	3,68	89	3,6	93	3,4	97	3,67
2 year	98	3,8	98	3,7	95	3,64	95	3,8	98	3,86
3 year	100	3,61	100	3,59	96	3,46	97	3,98	100	3,68
4 year	98	3,41	95	3,87	79	3,86	87	3,61	100	4
5 year	100	3,2	100	3,6	100	3,56	100	3,71	100	3,46
TOTAL										
5B072400 Technological machines and equipment										
Extramural attendance										
1 year	98	3,5	97	3,86	89	3,4	94	3,65	86	3,64
2 year	98	3,6	89	3,48	94	3,68	97	3,59	95	3,89
3 year	97	3,56	98	3,89	78	2,98	86	3,4	98	3,5
4 year	0	0	0	0	97	3,79	100	3,78	100	3,6
TOTAL										
5B073100 Life safety and environmental protection										
Intramural attendance										
1 year	98	3,42	89	3,1	94	3,5	97	3,64	98	3,6
2 year	97	3,98	94	3,87	76	2,98	84	2,99	89	3,57
3 year	98	3,5	98	3,6	84	3,68	86	3,5	100	3,7
4 year	0	0	0	0	94	3,84	98	3,67	97	3,89
TOTAL										
6M073100 Life safety and environmental protection										
Intramural attendance										
1 year	100	3,78	100	3,98	100	3,89	100	3,87	100	3,98
2 year	100	3,5	100	3,8	100	3,98	100	3,94	100	3,88
TOTAL										
5B042100 Design										
Extramural attendance										
1 year	0	0	0	0	98	3,5	98	3,89	0	0
2 year	0	0	0	0	0	0	0	0	98	3,65
3 year	0	0	0	0	0	0	0	0	0	0
TOTAL										
5B072400 Technological machines and equipment										
Extramural attendance										
1 year	0	0	0	0	0	0	0	0	100	3,8

The university has a system of measures to assist students with learning difficulties. For example, students who have not undergone a boundary or final control for a valid reason are given individual deadlines for their surrender. The individual schedule of the examination session is allowed in case of confirmation of force majeure situations: illness, birth of a child, etc., stipulated by the rules of credit technology of education, internal regulations and the University Charter. Scientific research and creative work with students at the department is conducted systematically.

Students trained in the cluster take an active part in international projects, led by Nikitin Ye.B. In the direction of the Belarusian Railway "Nanomaterials for practical use in cleaning the environment from pollution", a specific object of mercury contamination of Lake Bylkyldak. Trainees Yermekov Zh., Maksimenko V., Karepanov A. participated in the laboratory works of the University on the topic "Management systems for disposal and disposal of solid domestic waste in the Pavlodar region." At the department "Industrial Engineering and Design" a system of motivation has been formed to attract students to research and creative work. Students who won in the university competitions of research and creative works, student conferences, olympiads, round tables, etc. Are awarded with diplomas, certificates, letters of thanks and valuable gifts. The best students are sent to participate in regional, national and international competitions, olympiads and conferences.

For example, according to EP 5B042100 Design KAZGASA (Almaty) holds an annual International competition of diploma and course projects. The following students are diploma students of this competition: Saganova L. The "Transformer Bag" project is the 2 nd place in 2014, the project also became a student of the International Competition of Schools of Architectural and Design Schools of Eurasia in Turkey; Mukhametova E. - "Development of ornaments from ceramics" 2014 - 3 place; Chimirov I. - "Design decision of the Chancellery of InEU" - 3rd place - 2013; Sharubin V. with project "Development of a lamp" - 2 place 2013

Gifted students on the cluster are recommended for training in the magistracy. For example, the student A.Aman started his education from the lyceum with the continuation of the bachelor's level and training in the magistracy.

The leadership of the Department of IED pays great attention to the availability and effectiveness of the mechanism for recognizing the results of academic mobility of trainees, as well as the results of additional, formal, and informal education, ensuring the possibility of external and internal mobility of trainees and assisting in obtaining external grants for training.

Within the framework of the program of academic mobility, information on visited scientists is presented in Table No. 3.

	Full name of lecturer	Date held	Title of VIP-lecture, workshop
1	d.t.s proff. AISTU named after Polzunov Sidorov B. A.	5-8.04.2015	VIP- lecture «Individual residential house»
2	d.t.s proff. MSAAI Zeinalov A.M	18.10.2015	VIP- lecture « Small architectural forms in the city»
3	Larisa Katz Master-design technologist of the Firm «KATZ» (Netherlands)	19-12.10.2015	workshop « Environmental design and modeling from secondary materials »
4	Amirkhanova Ye.M., Deputy General Director of RSE "KazInSt"	19-22.10.2015	VIP- lectures « Technical regulation in the Eurasian Economic Union (EEU) and in

			RK», « Technical regulations of EEU and RK », «Standardization in RK», «International Standardization »
5	Isina R.A., leading specialist of the Pavlodar branch of the RSE "KazInSt"	19-22.10.2015	VIP- lectures «Management systems»
6	Talipov M.G., director of Pavlodar branch of RSE "KazInSt"	19-22.10.2015	VIP- lectures « Classification and cataloging », « Information and regulatory support in the field of technical regulation »
7	Kusainov S. K. "NTSA" LLP	23-24.10.2015	VIP- lectures «Accreditation system in the Republic of KazakhstanK»
8	Kuanbaev Ch.B., chief metrologist-advisor of RSE "KazInMetr"	23-25.10.2015	VIP- lectures «Metrology», « Basic definitions of legal metrology », « Applied metrology in RK»
9	Tursynkhanova T., employee of the Industrial Development and Industrial Safety Committee	19-22.10.2015	VIP- lectures «Technical regulations of EEU and RK»
10	Meshitbayev A.M., Head of the Department of Railway Transportation of the Transport and Communications Committee of MTC of the Republic of Kazakhstan	25.10.2015	VIP- lecture «Technical regulations of EEU and RK»

Table № 3. Visited scientists

The implementation of educational programs assumes external and internal mobility of students who are provided with agreements on cooperation with partner universities. The main criteria for competitive selection of students to participate in academic mobility are: the completion of one academic period, academic performance. Applicants are pre-interviewed, questioned, tested and, according to their results, competitive selection is conducted. With trainees who passed the competition, they organize the conclusion of a tripartite agreement between the student, the sending and the host institution. On the InEU website, in the personal offices of students and teachers there is information that contains a list of EPs, deadlines for submitting applications, conditions that must be fulfilled for enrollment, sample applications and training agreements in InEU under academic mobility programs 2 months before the start of the semester.

After the training, at the host institution, the trainees present a transcript, on the basis of which the student, in accordance with the Kazakhstan system of credit transfer according to the type of ECTS, carries out the obligatory transfer of credits.

The University concluded Memorandums and Agreements on cooperation with domestic and foreign universities. Of no less importance is the foreign accreditation of EP 5B073100 - Life Safety and Environmental Protection (2011, AEER agency). In order to ensure comparable recognition of qualifications, the university cooperates with other NGOs and national centers "European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Center".

Under the program of academic mobility of the International Project TEMPUS - EPASAT, elective disciplines coordinated with the universities by the project participants (S.Seifullin Kazakh Agro Technical University, Kokshetau State University named after Sh. Ualikhanov and universities of Kyrgyzstan, Uzbekistan and Tajikistan) are defined. For example, according to EP 5B073100 - Life safety and environmental protection, 8 students trained in the Kuzbass State Technical University named after T.F. Gorbachev (Kemerovo, Russia), and 8 students from the

Kuzbass State Technical University named after T.F. Gorbachev studied at the department of "IID". On the EP 5B072400 - Technological machines and equipment students trained in Altai State Technical University, and students of the Astrakhan State Technical University trained in InEU.

For the purpose of self-education, the formation of professional mobility, the development of research skills, creativity, individual abilities, under the academic mobility program, students specializing in 5B073100 - Life Safety and Environmental Protection, actively participated in international EPs: Taszhanova I. underwent a scientific internship (Neubrandenburg University, Germany); Mausymbaeva D. completed master's degree in Vienna.

So, for internal outgoing mobility of EP 5B072400 - Technological machines and equipment have been trained Tumina D.V., Nursait Mereke S., Rakhmatulina K. in Kokshetau University named after A.Myrzakhmetov, Kokshetau, Republic of Kazakhstan. External mobility: Lanina E. at Manipal University (India); Ermekov Zh.K., Nefedkina Zh.V. In Kuzbass Technical University. Gorbachev (Kemerovo, Russia); Zhansitova A.B., Kusanov D.E., Kusanova I.B., Rakhimberdina A.K., Chernovol A.V. - educational organization of higher education "Omsk Humanitarian Academy"; Shevchenko M.A., Kovtun N.M. - ASU named after Polzunov.

The achievement of the program of academic mobility is the continuation of the training in the University of Natural Resources and life Sciences in the master's program (Austria, Vienna) of the graduate of the specialty 5B072400 - Technological Machines and Equipment Mausymbayeva D.K. Students from the universities of Korea and Turkey also study at InEU.

Incoming academic mobility is carried out in accordance with the program of academic mobility, developed by the department and coordinated with the deacons on the academic issues of the faculty and the EP by the universities / partner organizations, which is placed on the website of the InEU by the Office of Science and International Cooperation. On external incoming mobility Antonova E.I., Bobrova E.E., Bobrova N.A., Gaidarova D.E., Vorobyeva O.A., Sapagina N.V., Terekhina V.V., Chistyakova K.A. studied from Kuzbass Technical University named after Gorbachev; Anokhin A.V., Olkhovsky A.A., Bekhtev D.A., Dzyubin V.V. - ASU named after Polzunov (EP 5B072400 - Technological machines and equipment).

The management of the EP conducts systematic monitoring of the employment of graduates and promotes the development of their career. Graduates of accredited specialties are in demand on the labor market. Percentage of employment of graduates of the department in the specialties 5B072400 - Technological machines and equipment (on branches), 5B042100 - Design, 5B073100 - Life safety and environmental protection and 6M073100 - Life safety and environmental protection in recent years as a whole has increased to 80%.

Within the framework of the EP, the processes of employment of graduates are carried out during the passage of professional practices. The analysis of graduates' satisfaction with their work is tracked by the advisors and through the association of graduates. Within the framework of employment in the university, an annual "Fair of Graduates" is held annually, to which enterprises and organizations are invited: "Aluminum of Kazakhstan" JSC, Pavlodar Electrolysis Plant, Pavlodar Oil Chemistry Refinery LLP, Pavlodar Ferroalloy Plant, "PMZ" JSC, "Rubikom" LLP, "MolKom" LLP, "Pavlodar baked goods factory " LLP, "Golden Calf Pv" LLP, "Rosa" JSC, State Institution "Gorvodokanal", State Institution "Kazgidromet"; Sewing studio " Raysa", IE "Da vinci", ATRI-Dguani-architectural workshop, DREAM HOUSE - design studio, «HALF TO HALF inj» LLP, «PIK-TAIM», «Tsitadel», «DVS-GROUP» - Advertising production companies. Graduates of the university successfully find employment. The indicators of employment are presented in Figure № 1.

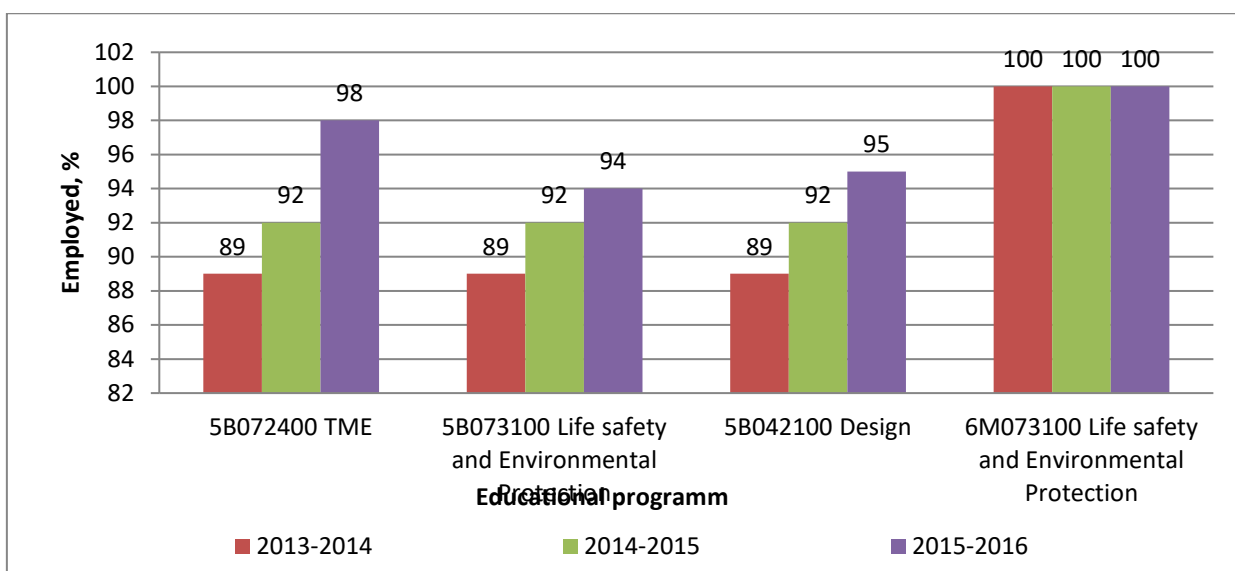


Figure № 1. Indicators of employment of graduates in 2012-2016.

To maintain communication with graduates of the university, the Association of Graduates of InEU was established. The Association includes the most successful and active graduates. The Alumni Association is guided by the legislation of the Republic of Kazakhstan, the Regulations and documents regulating the educational, scientific and other activities of InEU, is not a legal entity. The activity of the association of graduates of InEU includes: assistance in the employment of graduates and selection of personnel for graduates-employers; Creation and development of clubs of graduates on interests; Support of social and cultural development at the university; Support for the development of sports at the university; Assistance to the research activities of students in the university.

According to the results of the VEC questionnaire, the trainees are fully satisfied with the fairness of the examinations and attestation 92.3%, 7.7% are satisfied, and 91% are satisfied completely with the tests and examinations, 9% are satisfied.

Strengths:

- Social security of students, including the availability of a system of measures to assist the unsuccessful, the provision of discounts on training, housing, etc .;
- Involvement of students to perform research and development in cooperation with the faculty and approbation of research results.

The Commission recommends:

- Consider the possibility of conducting professional certification of students on educational programs of the cluster;
- Master's Degree in Design.

According to the "Students" standard, accredited educational programs 5B072400 - Technological machines and equipment (on banches), 5B042100 - Design, 5B073100 and 6M073100- Life safety and environmental protection have 10-strong position, 5 - satisfactory, 1 suggests improvement.

4.5 . Standard "Teaching staff"

The personnel policy of InEU is an integral part of the university's strategic policy. The need for vocational training in the professional qualification level of the teaching staff is determined by the direction of training bachelors and masters, as well as licensing requirements. For the implementation of accredited EPs, individuals who have a basic education of the relevant profile are involved, the level of qualifications of which corresponds to the specifics of the accredited EPs. The main provisions of personnel policy are reflected in the InEU Education Quality Guarantee Policy approved by the university's Rector dated October 26, 2016 (P 01.01.01 - 16); Indicative indexes of the development of the Innovative University of Eurasia for 2016-2020, approved by the decision of the Academic Council Protocol No. 10 of June 20, 2016; Regulations on the personnel commission of the university (conditions and requirements for hiring); In accordance with the established procedure informing the public about the competition for vacant posts; The staff schedule; Standards for calculating the quantitative and qualitative composition of TS; System of payment and incentives for TS (represented by salaries, coefficient of labor participation), TOP-100, co-financing system for upgrading qualifications, provision for the provision of brokerage services; "Instruction on the procedure for attestation of the teaching staff of the Innovative University of Eurasia and other normative documents.

The composition of the TS of the accredited EPs is formed in accordance with the licensing requirements (Decree of the Government of the Republic of Kazakhstan of February 28, 2013 No. 195), the Model Rules for the Activities of Organizations of Higher and Post-Graduate Education, the State Educational Establishment of the Republic of Kazakhstan (August 10, 2012 No. 1080) The State Program for the Development of Education and Science of the Republic of Kazakhstan for 2016-2019, (Order of the Ministry of Education and Science of the Republic of Kazakhstan of 20.04.2011 № 152), Order of the Minister of the Ministry of Education and Science of the Republic of Kazakhstan dated April 20, 2011 No. 152 On Approval of the Rules for Organization of the Educational Process. Decisions on hiring, promotions and penalties, achievements of the TS are brought to their attention through the orders and orders of the rector, are announced at the meetings of the department, the council of the engineering-technological faculty, the academic council of the university, solemn meetings.

Training under bachelor's programs is carried out by the following categories of teaching staff: teachers with academic degrees and titles, senior lecturers, teachers and assistants. Professors, associate professors, senior lecturers, scientists or experienced specialists who have at least 3 years of practical experience working on the profile are allowed to read lectures. Preparation for Master's programs is carried out by teachers with academic degrees and titles.

TS of EP 5B072400 - Technological machines and equipment (on branches), 5B042100 - Design, 5B073100 - 6M073100 - Life safety and environmental protection, presented on the disciplines of the block Public Educational Disciplines, Basic Disciplines and Professional Disciplines by TS with degree, and TS having master's academic degree. TS, involved in the disciplines of EP 6M073100 - Life safety and environmental protection, is presented in the disciplines of the Basic Disciplines and Professional Disciplines block by TSs with degree. The qualitative composition of the TS of «IED» department is quite high from 2012, for 2016-2017

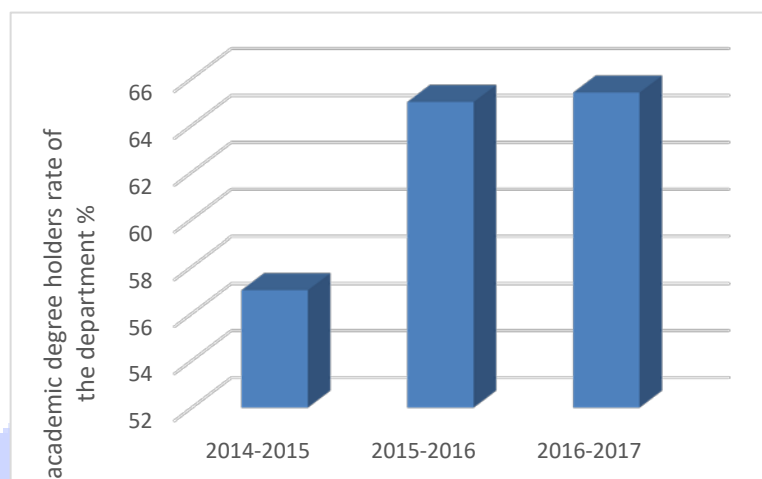


Figure 2. Dynamic of the academic degree holders rate of «IED» department

At the department of "IED" classes are held by 28 teachers. The staffing level of the department is 92.9%. As part of full-time staff (26 people): 5 doctors of science, 12 candidates of sciences, 8 - have an academic master's degree (graduation of full-time TS - 65.4%). The quantitative and qualitative TS of the department " IED " corresponds to the requirements of the Ministry of Education and Science of the Republic of Kazakhstan is presented in Table No. 4.

Table № 4. Quantitative and qualitative indicator of the full-time TS of the department " IED " in the context of accredited EP

Total number of TS	В ТОМ ЧИСЛЕ					% TS with science degree
	senior teachers	With master's degree	c.t.s.	d.t.s.	PhD	
On the department						
28	10	7	12	5	-	65,4
In specialty 5B072400 - Technological machines and equipment (on branches)						
22	8	8	12	1	1	63,6
По специальности 5B042100 - Design						
24	6	2	13	1	2	66,6
In specialty 5B073100 – Life safety and environmental protection						
26	12	4	11	2	1	53,8
In specialty 6M073100 - Life safety and environmental protection						
8	0	0	6	2	-	100

The university creates conditions for upgrading the qualifications of the TS of EP. The Council of Young Scientists and the personnel reserve system function; In a planned order, seminars are held for the personnel reserve; Open methodical weeks and master classes of the departments of the university are held; Language courses are available for the TS; On the basis of the university there are organized seminars-trainings conducted by the university teachers; On terms of financing or co-financing, the TS has the opportunity to upgrade its qualification in paid

training seminars, to take foreign internships and conduct activities related to the competition for the degree: 2013-14 academic year under EP 5B072400 - Technological machinery and equipment: Dubrovin P.V. - Internship program MASHAV in Israel; Logvinenko P.A. and Baigushkarova A.B. - Internship at "PKF Metizno-flantseviy Zavod" OOO (Omsk, Russia).

The assessment of the competence of the TS to determine the suitability of the position and the requirements of the EP is carried out by passing all annual staff and part-timers of the annual certification. During the certification of the TS, a personal list of achievements is filled through the UCIS system of InEU, where the indicators for the last year are indicated and the scores are counted. It reflects information on the following sections: qualification requirements, advanced training, scientific and innovative activities, educational and methodical work, educational work, career guidance work, image work. Thus, the overall average score for the department was 9.43 with a maximum score of 10 points (2013 - 8.83 points, 2014 - 9.55 points, 2015 - 9.43 points).

TS of EP have the opportunity to study in a magistracy. In 2013 the teacher S.Sekerbaev. Graduated from the Master's program in the specialty 6M073200 "Standardization and certification". In 2014 the teacher Mausymbayev D.K. Graduated from the Master's program of the University of Natural Resources and Applied Sciences ", Master Program (Austria, Vienna). Also, the scientists of the university from 2011 participate in the implementation of the International Project TEMPUS-EPASSAT "Protection of the environment through the development and application of sustainable agricultural technologies." The participants were developed, and launched into the implementation of the EP with the trajectory of training "Agroecology".

Among the achievements of TS of EP 5B042100 - Design: publication of the monograph by Mazina Yu.I. in the German publishing house LAP LAMBERT Academic Publishing; teacher Aubakir A.D. participated in the competition "Shabyt", participation in exhibitions of creative works of artists and designers in the cities of Kazakhstan (Semey, Ust-Kamenogorsk, Astana, Atyrau). The personnel composition of the TS 5B042100 - Design includes: Altynbekov T.A. - Architect, Doctor of Technical Sciences; Mazina Yu.I. - doctor PhD in art history, a member of the Eurasian Union of Designers; Kamzina N.E. - doctor PhD in art history, a member of the Eurasian Union of Designers; Fomina T.N. - candidate of pedagogical sciences; Aidarova Z.Sh. - candidate of pedagogical sciences; Volkova N.V. Master of pedagogy; Kamzin E.Z. - Senior Lecturer, Honored Architect, Member of the Union of Architects; Kuposova E.N. - Senior Lecturer, Member of the Eurasian Union of Designers. All teachers have a basic education. The percentage of graduation in profile and basic disciplines is 66.6%.

In the 2014-15 academic year the following R&D were performed at the Department of Industrial Engineering and Design:

"Development of technology and technology for production and storage of agricultural products in cultivation areas" (No. 0112RK03008, supervisor - A. Yu. Kamerbaev, Doctor of Technical Sciences, prof.), In which 2 students participated (Kolomenskaya AN ., Posazhennikova K.S.). The volume of financing of the Ministry of Education and Science of the Republic of Kazakhstan is in the amount of 1039791 tenge. Within the framework of this project, the author's patent "Method for obtaining food protein from chickpea kernels" (No. 2014 / 1199.1, priority from 12.09.2014) was obtained;

- "Purification of sewage from phenol by adsorption on wood with subsequent polycondensation" (No. 0115PK01368, supervisor - Svidersky A.K.), in which 6 people

participated, including 2 undergraduates Sidorenko A.V., Tanabaev O.S. The volume of financing of MES of RK is 12660000 td.

In 2013, the TS of the faculty on the basis of EP 5B042100 - Design defended a number of dissertations. Among them: Mazina Yu.I. 17.00.04 - Fine arts, arts and crafts and architecture on the theme "National traditions of decorative and applied art in modern design"; Kamzina N.E. defended her thesis on specialty 17.00.04 - Fine arts, arts and crafts and architecture on the topic "Integrating Humanitarian Knowledge in the Creative Work and Project Activities of the Designer"; Fomina T.N. defended Ph.D. thesis on specialty 13.00.02 - Theory and methodology of teaching and education (fine arts) on the topic "Activation of creative activity of junior schoolchildren in art classes".

The results of TS's research are reflected in scientific articles, published journals, speeches at scientific conferences of various levels. The research is carried out in accordance with a comprehensive program and research plan. The teaching staff of the department annually implements the results of scientific research in the educational process and production. The achievements of TS in scientific publications are presented in Table No. 5.

Table № 5. Number of scientific publications of TS under the EP

Name	Academic year			
	2013-14	2014-15	2015-16	2016-17
In international scientific publications Thomson Reuters, Scopus	2		2	1
Top-rated journals (RSCI, etc.)	1		6	4
Magazines recommended by CCES under MES of RK	5	1	1	
Magazines of near and far abroad	1		3	3
International conferences	25	10	17	11
Monographs	1			
Analytical reviews, references	1			
Training aids			5	
Electronic Textbooks				5
Information on inventions, utility models for which applications for innovative patents were filed		1	3	
Total number	36	12	37	24

The TS of the EP «Design» are members of the AMA on the basis of KazGASA (Mazina Yu.I., Kamzina N.E.). Also, at present professional cooperation is being carried out in the development of a methodical complex in the field of architecture and design in the organization of the educational process, conferences, scientific and practical seminars, master classes, competitions with the Institute of Architecture and Design of the Altai State Technical University, Barnaul. The exchange of teachers and students, the lecture courses were organized. Senior teacher Kamzina NE became an expert of IQAA and took part in the specialized accreditation of the Academy "Symbat" specialty 5B042100 - Design (in profile) in Almaty. From 2013 to 2016 the teaching staff of the Department of "IED" published 109 scientific publications, 16 of them in journals with non-zero impact factor. Prepared and published 1 textbook, 5 manuals. 2 innovative patents were obtained in 2015.

The teaching staff of the faculty "IED" have state awards, honorary titles, honorary certificates for merits in the field of education of the RK and the industry. Khamzin Sh.Sh. - Awarded the Order of Catherine the Great of 2015; - Mazina Yu.I. - She was awarded the medal "For merits in design" from the Eurasian Designers Union in 2015. Kamzin E.Z. - Awarded with the medal "For merits in design" from the Eurasian Union of Designers 2015. Mazina Yu.I. - Awarded with the medal "For creative differences in design". Kamzin E.Z. - Awarded the medal "For merits in architectural education" Kamzin EZ. - Awarded with the medal "For creative differences in design". Teacher of the department "Industrial Engineering and Design" Ikombaev T.D. Is the chairman of the Council of Young Scientists of Pavlodar region at the youth policy of Pavlodar region, the chairman of the Council of young scientists and specialists of InEU, a member of the committee on "commercialization of science", "international cooperation" of the Engineering Academy. He got 1 place in the regional competition of business ideas "Atameken Startup", regional competition "Zhas Galym 2015" in the nomination of the best scientific development in the field of industry and trade, the final of the contest of business projects of the Public Fund Damu, the final (round 3) Tech Garden Almaty.

Manual of EP ensures the completeness and adequacy of individual work planning TS for all activities, monitoring the effectiveness and efficiency of the individual plans, to demonstrate proof of performance of teachers of all types of planned load. The official website of the university provides full information about the teachers of the department. The results of scientific researches of teachers are reflected in scientific articles published by the journals, presentations at scientific conferences at various levels.

The academic degree holders rate of TS in master's program is 100%. In general, it can be stated that the EP is fully staffed with qualified TS at all levels. To improve the quality of teaching, to ensure a close relationship with production, practitioners are involved in the learning process. The selection of teachers-practitioners is carried out on the basis of qualification requirements, job descriptions and approved staffing, taking into account the extensive experience in the relevant field of activity.

The questionnaire survey of TS conducted during the visit of the EEC of IAAR showed that the average indicator of overall satisfaction with various aspects and aspects affecting the instructor and staff member in the IEU is: completely satisfied 72, 49%, partially satisfied 62, 6%, partially dissatisfied - 2, 26% , Unsatisfied - 0.53%.

Strengths of the EP are:

- Full conformity of TS qualifications, as well as active involvement of practicing specialists in the implementation of accredited EP;
- The adequacy of individual planning of the work of the TS for all activities, monitoring the resulting character and effectiveness of individual plans;
- Availability of scientific and applied projects under the MES of RK and other grants;
- Active participation of TS of EP 5B042100 - Design in creative competitions at international and republican levels;
- The existence of an effective rating system for stimulating TS.

In order to further develop and improve the activities of the academy for the implementation of accredited educational programs, the EEC of IAAR **recommends:**

- Consider ways to increase the level of academic mobility of TS (internal and external);
- To encourage the involvement of foreign teachers in conducting joint research with TS.

According to the Standard "Teaching staff" accredited educational programs 5B072400 - Technological machines and equipment (on branches), 5B042100 - Design, 5B073100 and 6M073100- Life safety and environmental protection have 12 strong, 6 satisfactory positions.

4.6. Standard "Educational resources and student support systems"

When carrying out educational activities, InEU is guided by regulatory documents that regulate mandatory regulatory requirements for the material and technical base of educational organizations. According to the accredited OP according to the trajectory of training there are specialized scientific and methodical classrooms, lecture audiences and training laboratories equipped with computer equipment, interactive whiteboards, audio-video equipment, multimedia projectors, copying equipment, software products, as well as other specialized equipment (CNC machines, 3-D printer, metal working machines, hydraulic laboratory, electromechanical laboratory, design studio of architectural landscape, studio Painting and drawing, a ceramic workshop and a muffle furnace for baking, etc.). In the laboratories of CIT (Center for Innovative Technologies), students can familiarize themselves with electrical appliances; Safe electrical tools; Devices to replace the norm of lighting the room, etc.

Annually, at the meetings of the department, the educational-methodical council of the university, the academic council, the administration, questions are heard on the provision of educational activities with the necessary material resources.

Information resources of the University are available to students and teachers both in the internal network of InEU and in the Internet, in particular, users are granted access to the following information resources of the university.

The speed of information transfer within the corporate network is 100 Mbit / s (2 campuses of educational buildings and 2 dormitories).

The software used to organize the educational process, create and display information content, etc. has more than sixty titles. For example, a personalized online resource - Personal Account - was created for trainees, staff and employees. The personal area of the student includes modules: "Bulletin board"; "Personal card"; "Individual curriculum"; "Record book"; "Recording to disciplines"; "Questioning"; "Review of disciplines"; "Indebtedness"; "InEU Scientific Library"; A set of instructions for the implementation of the learning process; Block of additional information for students; "Message exchange"; "Schedule"; «Rector's Blog». The traditional block for informing users is presented by dynamic sections: "Announcements", "News", scientific magazine "InEU Bulletin", "Znanie-Bilim" newspaper, "Calendar of events", open news feed Twitter.

The educational portal of InEU is organized on the basis of the training management system Moodle 2.5. Moodle is an Open Source Course Management System (CMS), also known as the Learning Management System (LMS) or the Virtual Learning Environment (VLE).

On the territory of the educational buildings there is a wireless WiFi network and information terminals are installed. Computer classes are working outside the class until 8 pm and on weekends.

The total area of the university is 26,448.4 square meters, of which the university's teaching and laboratory area occupies 7,977.6 square meters. The analysis showed that there are 6.92 square meters for one student of the contingent, which corresponds to the sanitary rules. The

educational-laboratory base of the university includes 146 educational audiences and specialized audiences, including 22 scientific laboratories, 22 computer classes, 1 language laboratory, 46 multimedia rooms. Computers of all educational buildings are united in a common local network.

InEU has a scientific library located in 2 buildings at: M.Gorky 102/4 (buildings 3, 4) and st. M. Gorky 102/2 (building 5). The total area of the Scientific Library is 1162.52 sq.m. There are 5 reading rooms with a total number of seats - 366. Scientific and technical processing of the scientific library fund is carried out through the library automation system «Irbis 64». This system supports all international bibliographic standards.

Library resources for educational programs 5B072400 - Technological machines and equipment (on branches), 5B042100 - Design, 5B073100 - Life safety and environmental protection and 6M073100 - Life safety and environmental protection are sufficient in the context of the languages of instruction and meet the requirements.

The general fund of the library is 333860 copies, including 44212 copies in the Kazakh language, 1959 copies on electronic, magnetic media, 15356 fiction, 205 copies of periodicals. The educational literature fund totals 262,631 copies, which is 79% of the total number of library collections.

The university organized 12 WiFi zones for free access to the Internet at a speed of 100 MB / s. All computers of the university are provided with high-speed access to the Internet. Speed of access to the Internet is 308 Mbit / s to resources of KAZNET. All licensed software is installed on all personal computers and servers of the university.

Information and educational resources of the university are integrated into the UCIS. So, the structure of UCIS of InEU includes the following platforms: - MS SQL - database system - information core of EKIS; - MS Access - the system of automated workplaces (AWP) - a set of tools for persons who manage the educational process; - Moodle - a learning management system implemented as a "Personal Account". In particular, the platform for the implementation of distance learning technology (<http://cdo.ineu.edu.kz>); - Joomla - a platform for organizing the official website of InEU (<http://www.ineu.edu.kz>) and a local portal (<http://local.ineu.edu.kz>); - 1C Enterprise - a platform for the automation of financial processes; - ABIS IRBIS 64 - a platform for automation of library processes; - Detrix - electronic document management system. The volume of textbooks, learning and teaching and scientific literature is presented in Table № 6.

Table № 6. Number of textbooks, learning and teaching literature and scientific literature

№	Specialty code and name	2016-2017					
		In Kazakh			in Russian		
		fund	contingent	per 1 student	fund	contingent	per 1 student
1	5B042100 - Design	1500	7	214,3	3550	25	142
2	5B072400 - Technological machines and equipment	1570	11	142,8	5350	23,5	227,7
3	5B073100 - Life safety and environmental protection	1710	9	190	7640	54,5	140,2

4	6M073100 - Life safety and environmental protection	980	3	326,7	1595	11	145
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Questioning of students conducted during the visit of the NAEC of the NAEC showed that: the quality of services provided in libraries and reading rooms is fully satisfied by 92.3%, and satisfied by 7.7%.

The availability of health services is fully met - 85%, 10.3% are satisfied, 1.3% are dissatisfied, completely dissatisfied - 2.6%.

Strengths of the EP are:

- Availability of sufficient material resources in the form of auditing funds and equipment;
- Availability of scientific databases, electronic scientific journals and their accessibility, as well as electronic versions of journals;
- availability of information management automation programs.

In order to further develop and improve the implementation of the accredited EP the EEC of IAAR **recommends:**

- Further updating of educational content, meeting the individual needs of students.

On the Standard "Educational Resources and Support Systems for Students" accredited educational programs 5B072400 - Technological machines and equipment (on branches), 5B042100 - Design, 5B073100 and 6M073100- Life safety and environmental protection have 9 strong, 8 satisfactory positions, 2 positions requiring improvement.

4.7. Standard "Information Management"

InEU conducts systematic work on the functioning of the system for collecting, analyzing and managing information. The university has created and is developing a system for monitoring and ensuring the quality of education, which meets the regulatory requirements, which represents a continuous process from career-oriented work to the employment of graduates.

The implementation of the mission, strategy, goals and objectives of the university are reflected in the planning of the activity of the university and its departments. The university widely used the system of electronic document management on the basis of various software products of a particular functional purpose. The University has a WEB-portal (<http://ineu.edu.kz>) in the Internet, which provides access to the unified information and educational environment of the university, which includes both internal and external electronic resources. Thus, in InEU there is a system for collecting and analyzing information about the institution as a whole and educational programs in particular for the effective implementation of the management process, which is reflected in the data of the automated information system and in the documented records of structural units. The collection and analysis of information in InEU includes the following mandatory indicators:

- Dynamics of the contingent of students by forms: training, courses, languages of instruction, groups, areas of training and other parameters;
- The level of academic progress, student achievement and deduction (exam-test records, form 3NK, form 34 at the end of the session, orders, data from the statistics and contingent department, planning and organization center of the educational process, etc.);
- Satisfaction of students with the implementation of educational programs (EP) and the quality of education in the university (achieved by systematic collection and analysis of information by structural units and periodic surveys and other indicators.

In order to identify and forecast the risks, an analysis of the external and internal environment and, in particular, of the material and technical base is provided; Staffing; Level of development of social partnership; International cooperation; Vocational guidance and recruitment; Competitive environment and employment, etc. First of all, attention is paid to the risks in the processes, on which the stable development of the EP depends to a large extent.

For the purpose of information management, the university's departments use the University's Educational Portal, where the normative documents of the university are freely available and personalized access to information on the management, planning and implementation of the EP (curricula, teaching materials, schedule, .). Operative management of information exchange between units is carried out through the electronic document management system on the basis of various software products, the WEB-portal Internet (<http://ineu.edu.kz>). The university widely used the system of electronic document management.

The survey conducted during the visit of the EEC of IAAR showed that the usefulness of the website in the IEU completely satisfies 93.6%, satisfies 5.1%, does not fully satisfy 1, 3%.

Strengths of the EP are:

- An effective system for collecting, analyzing and managing information;
- Compliance of the information management system of the mission, goals and objectives of university;
- Availability of effective document management system;
- A high level of participation of teaching staff and students in the management of the university;
- a good level of students' satisfaction with the quality of the educational process;
- availability of information management automation elements.

– In order to further develop and improve the implementation of the accredited educational program the EEC of IAAR **recommends:**

- intensify the involvement of students and teaching staff in the processes of collecting and analyzing information for decision-making on their basis;
- continue work on updating the material and technical base for all accredited programs.
- To systematize the work on the analysis of information in order to identify and forecast the risks of the implementation and development of the educational program;
- strengthen the work of the electronic document management system.

According to the "Information Management" standard accredited educational programs 5B072400 - Technological machines and equipment (by industry), 5B042100 - Design, 5B073100 and 6M073100- Life safety and environmental protection have 8 strong, 5 satisfactory, 1 position requiring improvement.

4.8. Standard "Informing the public"

To a large extent, the formation of a positive image of InEU is influenced by the active dissemination of information about it. The information is posted on the university's website both in the news section and in the thematic sections. The information is also disseminated through the university newspaper Znanie-Bilim, regional newspapers Zvezda Priirtyshia, Obozreniye nedeli, Versiya, Ustazdar. Thus, the press service of the University and IT Center provided in

2015 the preparation and placement of a large number of information-analytical, image and other materials in the media. All of them are posted on the official website of the InEU (<http://ineu.edu.kz>).

The website fully reflects all information on the university, scientific projects and international cooperation. Through the website, all interested persons and applicants can receive up-to-date information about all the EPs, and also the trainees can have new opportunities for academic mobility, practice, etc. The site reflects information on structural divisions and departments, teachers.

In the menu of the website of the university there is a point "Applicant" where the interested person can freely acquaint with the information concerning the questions of admission and subsequent training at the department "IED".

In addition, the university is represented in social networks, such as Facebook, Instagram, Vkontakte, Odnoklassniki, Twitter, YouTube, where daily information about the upcoming events is published.

Information on the activities of universities is useful both for applicants and students, as well as for graduates, other stakeholders and the general public. Therefore, INEU provides information about its activities, including programs being implemented, the expected results of training, qualifications awarded, teaching, training, evaluation procedures, passing scores and educational opportunities provided to students, as well as information on job opportunities for graduates.

The questionnaire survey conducted during the visit of the EEC of IAAR showed that the teacher meets the requirements of personal development and professional education with full agreement - 75.6%, agree - 24.4%.

Strengths of the EP are:

- Participation of educational programs in various internal and external evaluation procedures, including in rating and ranking of educational programs;
- Active participation of TS in publication and media presentations.

In order to further develop and improve the activities of the academy for the implementation of accredited educational programs, the EEC of IAAR **recommends:**

- To reflect information on interaction about the EP with production and educational organizations that implement similar educational programs.

According to the "Informing the public" standard, accredited educational programs 5B072400 - Technological machines and equipment (on branches), 5B042100 - Design, 5B073100 and 6M073100- Life safety and environmental protection have 2 strong, 6 satisfactory positions.

4.9. Standard "Standards in the context of specialties"

Organization of educational activities in the context of accredited EP is carried out through planning the educational process and the content of education, the choice of ways to conduct them. Teaching is conducted on the basis of modern achievements of science and practice in the field of specialization, as well as using advanced teaching methods and technologies. For the formation of professional competencies, the use of trainings, business games is widely practiced, and information and communication technologies are also used in teaching.

All the disciplines of the educational program are aimed at the formation of certain competences, which allow to achieve the objectives of the program, the planned learning outcomes.

TECHNICAL SCIENCES AND TECHNOLOGIES

Department "IED" provides measures to strengthen the practical training of students in the field of EP. All types of practice for all levels of training personnel in the specialty 5B072400 Technological machines and equipment (on branches), 5B073100 - 6M073100 - Life safety and environmental protection, conducted on the basis of "PMBP" JSC, Enterprise "Rubikom" LLP, dairy processing "Molkom LLP, " Pavlodar Petrochemical Plant " LLP, LLP "Ekibastuz GRES 1", State Institution "Department of Ecology in Pavlodar region", State Institution "Management of subsoil use, environment and water resources", "Aluminum of Kazakhstan" JSC.

The department carries out funded research on applied and economic topics, financed by the Ministry of Education and Science of the Republic of Kazakhstan and other state bodies, initiates search topics are developed, the TS of the faculty is both managers and executors of the topics. So, in 2013-14 - the teachers of the department were the leaders and executors of scientific, of which 3 - contractual, 1 - initiative; In 2014-15: 1 - contractual, 1 - initiative. The state budget topics are financed by the State Committee for Science of the Ministry of Education and Science of the Republic of Kazakhstan, contractual ones by various enterprises and organizations, including foreign ones.

In the 2012-14 academic year, 1 initiative-search work was conducted, led by Dr. of Technical sciences, prof. Kamerbayev A.Yu.

During the reporting period, students Madieva S.M., Akpaeva A.A., Azimov Z.M. became prizewinners of the annual scientific and practical conference "Integration of Education and Science - Step into the Future".

The students actively participate in subject Olympiads and competitions. For example, Troyanov R.S. took 1st place in the regional olympiad held at the PSU named after S. Toraygyrov, Troyanov R.S., Azimov Z.M. - participants in the finals of the international Olympiad on "Resistance of Materials", Aubakirov A.Zh., Madiev S.M. - international olympiad on "Theoretical Mechanics", Smakotin M.A., Pedyana V.D., Mukhametchanov A.S. - winners of the regional contest "The contribution of rural youth to EXPO 2017", Battal A.N. - participant of the regional contest "Idea per million", Battal A.N., Dzhunusov T.M. - Public Association "Decenta".

Senior lecturer Ikombayev T.D. presented the project at the international forum of the countries of the Shanghai Cooperation Organization on Perspective Issues of Economic Development (Ufa, Bashkiria, Russia on October 7-11, 2014). Ph.D., associate professor Dubrovin P.V. has passed training under the program Mashav (Israel, Tel-Aviv, 03.03-22.03.2014). Ph.D., Statsenko S.A., Omarov M.S., etc. are full-time teachers who have experience working at enterprises in the field of specialization programs 5B072400 Technological machines and equipment (on branches), etc. The content of all disciplines of the EP is based and has a clear relationship with the content of the basic natural sciences.

In accordance with the Decree of the Government of the Republic of Kazakhstan dated March 26, 2014 No. 258 on the strategic plan of the Ministry of Education and Science of the Republic of Kazakhstan for 2014 - 2018, the Technopark has been created in InEU. It allows to impart new meanings to the university, turn it into an expert site, Competences, knowledge and professionals of various scientific fields. It is an ideal structure for scientists, undergraduates,

students to participate in innovations, and industrial partners could reduce their spending on R & D, giving part of the tasks to universities.

The modern stage of using information technologies is characterized by a transition from solving production and management problems to solving social problems. The use of information and computer technology, subject to certain specific conditions, contributes to the improvement of the quality of the educational process and the formation of readiness for professional activity, the formation of information modeling skills, and the need for continuing education.

All EP disciplines are based on and include elements and topics of fundamental natural sciences such as disciplines "Processes and Apparatus", "Technological Equipment", etc. give the possibility of training students for production and technical, design and research activities related to the creation and operation of machines and devices for food production; training in the use of knowledge obtained as a result of fundamental training in general scientific and general technical disciplines for solving engineering problems associated with technological equipment.

For «Life Safety and Environmental Protection» EP, the disciplines "Environmental Monitoring", "Methods and Means of Measurement and Control", etc. enable the system analysis and monitoring of the state of the environment, the solution and elimination of which are topical issues in the field of environmental protection.

According to this standard, accredited educational programs have 4 strong, 1 satisfactory position, 0 positions, suggesting improvement.

- In order to further develop and improve the activities of the Academy in the implementation of accredited educational programs, the EEC of IAAR **recommends**:

- Continue the work on updating the material and technical base of the EP.

Art

Features of the content of training in accordance with EP 5B042100 - Design is related not only to the duration of the training process (the training period is 5 years), but also with general professional and special training. Most of the disciplines of EP 5B042100 - Design are practice-oriented. All disciplines have specialized audiences. The main direction of research on EP 5B042100 - Design is the theme "Identification of humanitarian aspects in architecture, construction and design."

To form professional competencies, the issuing department concludes agreements with educational and medical institutions, providing practical assistance in the design of facilities. Learners in practice apply visual skills, contact customers, regulate design work in accordance with the features and functions of institutions, determine the cost of implementing the project, and model financial performance criteria. For example, the educational EP was formalized by the Regional Oncological Center, the Tuberculosis Clinic, the House of the Baby, and the general schools of the city.

All types of practice for all levels of training in the specialty 5B042100 - Design are conducted on the basis of the following enterprises: "Press House" LLP, "Rice House of Fashion" LLP, Azimut LLP - furniture company. "AS Askania - Interior", "School of Graphic Design Da vinci" and others.

One of the important indicators of the implementation of EP 5B042100 - Design is participation in exhibitions and competitions: regional, national and international level. The teacher of the department Abdrakhmanova D. in December 2016 became the winner of the

regional contest "Energy of the Future", held by the City Akimat for Expo-2017. Student Serbinenko P. became a prize-winner of the Republican Olympiad in discipline "Elements and processes of profile design" in KazGASA (April 2016). More than 50 works of students became participants of various exhibitions, including the annual exhibition of the Eurasian Union of Designers (Astana).

Teachers perform contractual work on the development of interiors and furniture elements for InEU. An important aspect of the implementation of EP 5B042100 - Design, is informatization and computerization of the EP. The general tasks of design development of students include elements and themes of such sciences as "Theory and history of culture", "Foundations of law and economics". For example, the disciplines "Ecology and the fundamentals of life safety", "Information and communication technologies", etc. Enable the system analysis and monitoring of the environment, accounting, solution and elimination of which are topical issues in the design of design objects.

In order to further develop and improve the activities of the Academy in the implementation of accredited educational programs, the EEC of IAAR recommends:

- promote the further development of academic mobility of students and teaching staff.

According to the Standard "Standards in the context of specialties" accredited educational programs 5B072400 - Technological machines and equipment (on branches), 5B042100 - Design, 5B073100 and 6M073100- Life safety and environmental protection have 13 strong, 2 satisfactory positions.

RECOMMENDATIONS TO UNIVERSITY

In order to further develop and improve the implementation of the accredited educational program, the EEC of IAAR **recommends**:

- further improvement of the content of educational programs with similar EPs of leading domestic educational organizations;
- to strengthen cooperation and exchange of experience with foreign universities for the implementation of two-diploma education and joint research of teaching staff and students;
- continue work on the implementation of the results of the research and creative work of the teaching staff in the educational process;
- to carry out further work on the introduction of the newest innovative technologies and in-house developments of the teaching staff in the field of methods of teaching the educational disciplines of the EP;
- to update the work on inclusive education;
- continue to work on external and internal academic mobility of students and teaching staff;
- Master's Degree in Design;
- consider the possibility of conducting professional certification of students on educational programs;
- establish a system of effective feedback from consumers to the developers of the EP;
- further updating of educational content, meeting the individual needs of students;
- to systematize work on the analysis of information in order to identify and forecast the risks of the implementation and development of the educational program;
- strengthen the work of the electronic document management system of the university;
- continue work on updating the material and technical base for all accredited programs.

5. The conclusion of the commission on self-assessment

№	№	Criteria for evaluation	The position of the organization of education			
			Strong	Satisfactory	Assumes improvement	Unsatisfactory
Standard "Management of the educational program"						
1	1	The university must have a published quality assurance policy.	+			
2	2	A quality assurance policy should reflect the link between research, teaching and learning.	+			
3	3	The university should demonstrate the development of a culture of quality assurance.		+		
4	4	A quality assurance policy should also apply to any activities performed by contractors and partners (outsourcing).	+			
5	5	The university demonstrates the development of an EP development plan based on an analysis of its functioning, the actual positioning of the institution and the focus of its activities on meeting the needs of the state, employers, stakeholders and students.	+			
6	6	The university determines the mechanisms for the formation and regular revision of the educational program development plan and monitoring of its implementation, assessment of the achievement of the training objectives, the needs of students, employers and society, decision-making aimed at the continuous improvement of the educational program	+			
7	7	The university demonstrates the transparency of the processes of forming the development plan for the EP. The university provides the stakeholders with information about the content of the development plan for the EP and the processes of its formation.		+		
8	8	The university should involve representatives of stakeholder groups, including employers, trainees, in forming an EP development plan.			+	
9	9	The university should demonstrate the individuality and uniqueness of the development plan for the EP, its coherence with national development priorities and the development strategy of the education organization.	+			
10	10	The university should ensure that the development plan for the EP and the available resources (including financial, information, personnel, material and technical base) are in line with the plan.		+		
11	11	In the education organization, all the main business processes regulating the implementation of the EP should be documented.		+		
12	12	The university should demonstrate a clear definition of those responsible for business processes, unambiguous distribution of the duties of the staff, delineation of the functions of the collegial bodies participating in the implementation of the EP.		+		
13	13	The university systematically analyzes information about the implementation of the educational program and conducts self-examination in all areas to assess the success of the implementation of the strategy for the development of the educational program through such indicators as "effectiveness" and "efficiency."		+		
14	14	The management should provide evidence of transparency in the management of the educational program.		+		

15	15	The management team should demonstrate the successful functioning of the internal quality assurance system of the OP, including its design, management and monitoring, their improvement, decision-making on the basis of facts.			+	
<i>The management of the EP should include:</i>						
16	16	– management of activities through processes;			+	
17	7	– mechanisms for planning, development and continuous improvement;			+	
18	18	– risk assessment and identification of ways to reduce these risks;			+	
19	19	– monitoring, including the creation of reporting processes, allowing to determine the dynamics in the activities and implementation of plans;			+	
20	20	– analysis of identified non-conformities, implementation of the developed corrective and preventive actions;			+	
21	21	– analysis of the effectiveness of changes;			+	
22	22	– evaluation of the effectiveness and effectiveness of the units and their interaction;			+	
23	23	– interaction with employers.	+			
24	24	The university should ensure the participation of representatives of interested persons (employers, teaching staff, students) in the collegial bodies of management of the educational program, as well as their representativeness in making decisions on the management of the educational program. Should there be an order to create a collegiate management body?			+	
25	25	The EP management should ensure the measurement of the degree of satisfaction of the TS, staff and trainees needs and demonstrate evidence of the elimination of deficiencies found in the measurement process.			+	
26	26	The management of the EP should demonstrate evidence of openness and accessibility for students, teachers, employers (official hours of reception on personal matters, e-mail communication, etc.).			+	
27	27	The university should demonstrate the existence of a communication channel, according to which any interested person can make innovative proposals to improve the activities of the EP leadership. The university should demonstrate examples of the analysis of these proposals and their implementation.	+			
Total by standard			8	14	5	
Standard "Development and approval of the educational program"						
28	1	The university should define and document the procedures for the development and evaluation of the quality of the educational program, establish the frequency, forms and methods for assessing the quality of the educational program.			+	
29	2	The institution should establish the procedure for periodic review and monitoring of educational programs.			+	
30	3.	The university must determine the requirements for educational programs, depending on their specificity, level of education, as well as the technologies used, incl.			+	
31	4	The university should demonstrate the existence of the developed models of the graduate of the educational program, including knowledge, skills, skills and professional competencies.			+	
32	5	The university should demonstrate the participation of PPP, employers and students in the development of educational programs, ensuring their quality, provide evidence that employers are typical representatives of employers.	+			
33	6	The university should provide external expertise of the educational program and its approval by collegiate bodies.			+	

34	7	The EP management should clearly define the objectives of the EP.	+			
35	8	The management should demonstrate the logic of drawing up curricula and training programs, in particular the reasons for including a discipline in the curriculum list, the reasons for assigning the post- or prerequisite status.	+			
36	9	The management should ensure that the title and content of the disciplines correspond to the current trends in the development of the studied field of science / society, and so on.	+			
37	10	The university should determine the content, scope, logic of the construction of the individual educational trajectory of students.		+		
38	11.	The management should demonstrate the continuity of the content of the educational program at various levels, including The logic of the academic interconnection of disciplines, consistency and continuity.		+		
39	12	The management should ensure an annual review of the content of curricula and training programs, taking into account changes in the market, the wishes of employers, trainees and teachers.	+			
40	13	The management of the EP should demonstrate the influence of disciplines on the formation of professional competence in students.	+			
41	14	The complexity of EP should be clearly defined in Kazakhstan credits and ECTS.	+			
42	15	The structure of the educational program should provide for various activities, the content of which should contribute to the formation of professional competence of students.	+			
43	16	The university should demonstrate the effectiveness of organizing and conducting professional practice.	+			
44	17	The university should ensure that the contents of the academic disciplines and the planned learning outcomes are in line. The list and content of the disciplines should be accessible to students.	+			
45	18	An important factor is the harmonization of the content of educational programs with similar educational programs of leading foreign and Kazakhstan educational organizations.			+	
46	19.	An important factor is the availability of joint educational programs with foreign educational organizations.			+	
47	20	An important factor is the cooperation and exchange of experience with other educational organizations that implement similar educational programs.		+		
48	21	The EP management should ensure that there are research elements in the content of the EP.			+	
Total by standard			10	7	4	
Standard "Student-centered teaching, teaching and evaluation"						
49	1	The management of the EP must ensure equal opportunities for students, including Regardless of the language of instruction, on the formation of an individual educational program aimed at the formation of professional competence.		+		
50	2	The management of the EP should ensure the harmonious development of students in the light of intellectual development and individual characteristics.		+		
51	3	The management should ensure the introduction and effectiveness of the use of active and innovative teaching methods.		+		
52	4	The management of the EP should ensure the availability of its own developments in the field of methods of teaching the academic disciplines.	+			
53	5	The management of the EP should demonstrate the availability of a feedback system on the use of various methods of teaching and monitoring knowledge.		+		

54	6	When implementing the educational program, the management of the EP should monitor the independent work of the trainee and an adequate evaluation of its results.		+		
55	7	The management should monitor the students' satisfaction with the passage of professional practices.	+			
56	8	The management should demonstrate decision-making based on feedback from the trainees and assessing their satisfaction.		+		
57	9	The management of the EP must prove the availability of a monitoring system for the progress of the student on the educational trajectory and the achievements of the students.	+			
58	10	The management should ensure the availability and effectiveness of the mechanism for an objective evaluation of the results of training, a collegiate appeal mechanism, transparency of the criteria and evaluation tools.	+			
59	11	The management team should ensure that the procedures for assessing the level of knowledge of students are available to the planned learning outcomes and program objectives according to established criteria and methods of evaluation.	+			
60	12	The management of the EP should provide conditions for inclusive education.			+	
Total by standard			5	6	1	
Standard "Learners"						
61	1	The management of the OP should demonstrate the policy of forming a contingent of trainees from the entrance to the release and ensure the transparency of its procedures. Procedures regulating the life cycle of students should be approved and published.	+			
62	2	Admission and admission to the educational program should be accompanied by an introductory course containing information on the organization of education and the specifics of the educational program.	+			
63	3	The RP management should envisage a special program of adaptation and support for foreign students.		+		
64	4	The management of the EP should demonstrate the conformity of its actions to the Lisbon Recognition Convention.	+			
65	5	The university should cooperate with other educational organizations and national centers "European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers" in order to ensure comparable recognition of qualifications.	+			
66	6	The management of the educational program should demonstrate the existence and effectiveness of the mechanism for recognizing the results of academic mobility of trainees, as well as the results of additional, formal and informal training.		+		
67	7	The management should demonstrate the effectiveness of monitoring the academic achievements of students.		+		
68	8	The management of the EP should demonstrate awareness of the main roles (professional, social) students based on learning outcomes.	+			
69	9	The management of the EP should promote professional certification of trainees.			+	
70	10	The management of the EP should ensure the involvement of students in research and consulting work.		+		
71	11	The university and the management of the EP should provide an opportunity for external and internal mobility of students, as well as assist them in obtaining external grants for training.	+			
72	12	The university should provide graduates with documents confirming the received qualification, including the results of training achieved,	+			

		as well as the context, content and status of the education received and evidence of its completion.				
73	13	The management should ensure measures for the employment of graduates, systematic monitoring of the employment of graduates, the development of their career and increasing the effectiveness of associations of graduates.	+			
74	14	The EP leadership should provide an opportunity for learners to exchange and express opinions - for example, through the Internet forum, student organizations.	+			
75	15	The EP management should demonstrate the functioning of the feedback system of the students' support, including the prompt presentation of information on the results of the evaluation of the students' knowledge.		+		
76	16	The management of the EP should demonstrate the availability and effectiveness of the support mechanism for gifted students.	+			
Total by standard			10	5	1	
Standard "Teaching staff"						
77	1	The institution should have an objective and transparent personnel policy, which includes hiring, professional growth and development of personnel, which ensures the professional competence of the whole state.	+			
78	2	The management of the EP should demonstrate the conformity of the personnel potential of the TS with the development strategy of the university, the qualification requirements, the level and specifics Educational program and recruitment based on the recruiting system.	+			
79	3	The management of the EP should demonstrate awareness of responsibility for its employees and providing them with favorable working conditions.		+		
80	4	The management of the EP should demonstrate the changing role of the teacher in connection with the transition to student-centered learning.	+			
81	5	The university should demonstrate the availability to the public of information about the TS, including the catalogs of the teaching staff, the posting of questionnaires on the university's website.	+			
82	6	The management should ensure that TS activities are monitored, a systematic assessment of the competence of teachers, an integrated assessment of the quality of teaching, including an assessment of the satisfaction of teachers and students.	+			
83	7	The management should ensure the completeness and adequacy of individual TS work planning for all activities, monitor the effectiveness and effectiveness of individual plans, demonstrate evidence of teachers performing all types of planned workload.		+		
84	8	The EP management should demonstrate support for the research activities of the TS, ensuring the link between research and training.		+		
85	9	The management of the EP should demonstrate the availability of a system of professional development, professional and personal development of the teaching staff and administrative and management personnel, as well as the correspondence of the professional development and personal development of the PPP development strategy.	+			
86	10	The management of the EP should involve specialists with experience in the relevant industry, as well as well-known scientists, public and political figures.	+			
87	11	The management of the EP should provide targeted actions for the professional development of young teachers.		+		
88	12	The management should ensure that there is a system for encouraging	+			

		the professional and personal development of teachers and staff.				
89	13	The management of the RP should ensure monitoring of TS's satisfaction.	+			
90	14	The management of the EP should demonstrate the involvement of the PPP in the practice of specialization on an ongoing basis.	+			
91	15	The management should demonstrate the IT competence of TS, the conditions for motivating TS to apply innovative methods and forms of training, information and communication technologies in the educational process.		+		
92	16	An important factor is the development of academic mobility of teachers, attracting the best foreign and domestic teachers, conducting joint research.		+		
93	17	An important factor is the participation of TS in the life of society (the role of teaching staff in the education system, the development of science, the region, the creation of a cultural environment, participation in exhibitions, creative competitions, charity programs, etc.).	+			
94	18	The management of the EP demonstrates the priorities of consulting, research work, implemented by the TS of the EP, topical problems of the economy, priorities of the state development, national policy in the sphere of education, science and innovative development.	+			
Total by standard			12	6		
Standard "Educational resources and student support systems"						
95	1	The university should demonstrate the sufficiency of material, financial and human resources.		+		
96	2	The university should demonstrate the effectiveness of support services for students and the availability of support procedures.	+			
97	3	The university should identify the needs for the support of different groups and categories of students.	+			
98	4	The institution should ensure the availability and effective functioning of the information and feedback system aimed at students, employees and stakeholders.	+			
99	5	The institution should demonstrate the effectiveness of regular analysis of the adequacy of resources and support systems for students, including the competence of the staff involved.	+			
<i>In the university there should be created a learning environment reflecting the specifics of educational programs, which includes:</i>						
100	6	– technological support of students and teaching staff in accordance with the programs (for example, online training, modeling, databases, data analysis programs);		+		
101	7	– personalized interactive resources (with access and during extra-curricular time), including teaching materials and assignments, ensuring the possibility of a trial self-evaluation of students' knowledge through remote access to the portal (site) of the university;		+		
102	8	– interactive academic consultations to assist students in planning and mastering educational programs, including through the use of personalized interactive resources;		+		
103	9	– vocational guidance, assistance in the selection and achievement of career paths;	+			
104	10	– the necessary number of classrooms equipped with modern technical training facilities: educational and scientific laboratories, modern training grounds, technoparks equipped with modern equipment, appropriate educational programs, sanitary and epidemiological standards and requirements;			+	

105	11	– the necessary number of computer classes, reading rooms, multimedia, linguaphone and scientific-methodical cabinets, the number of seats in them;	+			
106	12	– book fund, including the fund of educational, methodical and scientific literature on general education, basic and profiling disciplines on paper and electronic media, periodicals in the context of the languages of instruction;		+		
107	13	– structured information in the context of disciplines. For example, presentation materials, video materials, lecture notes, compulsory and additional literature, practical assignments, etc .;		+		
108	14	– availability of scientific databases, electronic scientific journals and their accessibility;	+			
109	15	– availability of electronic versions of published journals;	+			
110	16	– examination of the results of research, final works, dissertations on plagiarism;	+			
111	17	– free access to educational Internet resources, the operation of free WI-FI throughout the educational organization.		+		
112	18	The management of the EP should ensure that copyright is respected when the educational literature and educational and methodological provision are placed in the public domain.		+		
113	19	Educational equipment and software should meet modern requirements.			+	
Total by standard			9	8	2	
Standard "Information Management"						
114	1	The university should ensure the functioning of a system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software.	+			
115	2	The university determines the scope and structure of periodically updated information and responsible persons for the reliability and timeliness in accordance with the development strategy of the university.	+			
116	3	The university provides timeliness, reliability, completeness of information and its safety.	+			
117	4	The management should demonstrate the adoption of managerial decisions based on fact analysis.		+		
118	5	The system for the collection, analysis and management of information should be used to ensure the quality of the implementation of the OP.		+		
<i>Information collected and analyzed by educational organizations should take into account:</i>						
119	6	– dynamics of the contingent of students in the context of forms and species;	+			
120	7	– level of academic achievement, student achievement and deduction;	+			
121	8	– students satisfaction with the implementation of the OP and the quality of education in the university;	+			
122	9	– availability of educational resources and support systems for students;	+			
123	10	– employment and career development of graduates.	+			
124	11	The EP management should provide for the possibility of analyzing information in order to identify and forecast risks.			+	
125	12	The institution should ensure the availability and effective functioning of an information and feedback system aimed at students, employees and stakeholders.		+		

126	13	Trainees, employees and PPP must confirm documentary consent to the processing of personal data.		+		
127	14	An important factor is the involvement of trainees, workers and TS in the processes of collecting and analyzing information, as well as making decisions based on them.		+		
Total by standard			8	5	1	
Standard "Public Awareness"						
128	1	The university should publish information about its activities in general and the implementation of educational programs. The specified information should be clear, accurate, objective, relevant and accessible.		+		
129	2	The RP management should use a variety of ways to disseminate information, including information networks to inform the general public and stakeholders.		+		
<i>The university should demonstrate the reflection on the web resource of information characterizing the university in general and in terms of educational programs, the effectiveness of its use to improve the educational process, which has the following characteristics:</i>						
130	3	– placement of complete objective information about the specifics of educational programs, including current support systems, learning outcomes and qualifications awarded;		+		
131	4	– availability of adequate and unbiased information on TS, including TS personal pages;		+		
132	5	– transparency of the information on handling complaints, including the placement of a virtual complaint book for consumers;	+			
133	6	– placement of information on interaction with scientific / consulting organizations and educational organizations implementing similar educational programs;		+		
134	7	– placing information and links to external resources based on the results of external evaluation procedures.	+			
135	8	An important factor is the participation of the EP in a variety of external evaluation procedures, including in rankings and rankings.		+		
Total by standard			2	6		
"Standards in the context of individual specialties"						
NATURAL SCIENCES, AGRICULTURAL SCIENCES, TECHNICAL SCIENCES, AND TECHNOLOGIES						
137	1	In order to familiarize students with the professional environment and relevant issues in the field of specialization, as well as to acquire skills on the basis of theoretical training, the education program should include disciplines and activities aimed at obtaining practical experience and skills in the specialty in general and in the relevant disciplines in particular : – excursions to enterprises in the field of specialization (factories, workshops, research institutes, laboratories, training facilities, etc.) – Conducting separate classes or entire disciplines at the enterprise of specialization, – Conducting seminars to solve practical problems relevant to enterprises in the field of specialization, etc.		+		
138	2	The teaching staff involved in the education program should include full-time teachers who have a long-term experience as a staff member at enterprises in the area of specialization in the education program.	+			
139	3	The content of all disciplines should be based in one way or another and include a clear relationship with the content of the fundamental natural sciences, such as mathematics, chemistry, physics.		+		
140	4	The EP management should provide measures to strengthen practical training in the field of specialization.	+			

141	5	The management of the EP must ensure the training of students in the field of application of modern information technologies.	+			
ART						
<i>Educational programs in the direction of "Art", such as "Music study", "Choreography", "Design", etc., should meet the following requirements:</i>						
141	1	The management should demonstrate the graduates of the program of theoretical knowledge in the field of the arts and skills of expression through creativity that are related to the competencies of the accredited EP, for example - choreography, singing, graphics, painting, sculpture, architectural, industrial, graphic design, etc .;	+			
142	2	The management of the EP should demonstrate the students' skills of self-learning and self-development;		+		
143	3	Within the framework of the program, trainees should be able to listen to at least one discipline in their field of specialization, taught by a practicing specialist;	+			
144	4	The EP should include the maximum possible number of disciplines and activities in which skills are taught individually or in small groups, for example, conducting master classes of honored people in the field of specialization;	+			
145	5	The management of the EP should provide the students with the maximum possible number of events that promote the demonstration of students, acquired creative skills, for example, concerts and exhibitions;	+			
146	6	Creative work, participation in concerts, competitions, performances, etc. In the framework of this direction is part of scientific activity.	+			
147	7	Within the framework of the EP, students should be provided with the knowledge and skills of creative activity and methods / technologies practiced in the world, and knowledge of the management of art;	+			
148	8	EP should promote enrichment of creative experience in different types of activities peculiar to the specialty;	+			
149	9	In order to familiarize students with the professional environment and relevant issues in the field of specialization, as well as to acquire skills on the basis of theoretical training, the education program should include disciplines and activities aimed at obtaining practical experience and skills in the specialty in general and in the relevant disciplines in particular .h: – excursions to enterprises in the field of specialization (museums, theaters, design offices, etc.), – Conducting separate classes or entire disciplines at the enterprise of specialization, – Conducting seminars to solve practical problems relevant to enterprises in the field of specialization, etc .;	+			
150	10	An important factor in the framework of the EP is the availability of a mechanism for collegial evaluation of creative examinations of students.	+			
Total by standard			13	2		
TOTAL			77	59	14	