



«АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

on the results of the external expert assessment commission
for educational programs compliance with the standards of primary specialized
accreditation (Ex-ante)

8D11301 TRANSPORTATION SERVICE

7M04104 EXECUTIVE MBA

8D04102 MANAGEMENT

NON-COMMERCIAL JOINT STOCK COMPANY
«KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED
AFTER K.I. SATBAYEV»

EEC visit date: April 19 till April 21, 2022

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External expert commission

*Addressed to
Accreditation
council IAAR*



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EEC visit date: April 19 till April 21, 2022

Almaty city

April 21, 2022

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LIST ABBREVIATIONS

BD - basic disciplines
SOSE - state obligatory standard education
DP - documented procedure
RET - remote educational technology
UNT - single national testing
ME&M - Mechanical Engineering and Modeling
ITP - individual training plan
CTL - credit technology learning
CED - catalog elective disciplines
MES RK - Ministry education and science Republic Kazakhstan
MEP - modular educational program
MTP - modular training plan
RDS - research of doctoral students
GED - general educational disciplines
EP - educational program
PD - profiling disciplines
RK - Republic Kazakhstan
RUP - worker training plan
QMS - system management quality
IWDS - independent Work doctoral students
IWDST - independent Work doctoral students under leadership teacher
TTP - typical training plan
EAS – educational and auxiliary staff
EMCS - educational and methodological complex of the specialty
EMW - educational and methodical Work
CPR- Center for Public Relations
EUMM - electronic educational methodological materials

INTRODUCTION

In accordance with Order No. 44-22-OD dated February 23, 2022 of the Director General of the Independent Agency for Accreditation and Rating, from April 19 to April 21, 2022, an external expert commission assessed the compliance of the educational programs listed below, including the external assessment 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management for compliance with the standards of primary specialized accreditation of an educational program (Ex-ante) of an organization of higher and postgraduate education (put into effect by order No. 68-18 / 1-OD of May 25, 2018).

The report of the external expert commission (EEC) contains an assessment of the educational programs 8D11301 Transport Services, 7M04104 Executive MBA and 8D04102 Management by the Non-Profit Joint Stock Company “Kazakh National Research Technical University named after K.I. Satbayev”, recommendations of the EEC on further improvement of the educational program and parameters of the profile of educational programs of the Non-profit Joint Stock Company “Kazakh National Research Technical University named after K.I. Satbayev”.

Members of the EEC:

Chairman of the EEC IAAR – Lushchik Alexander Cheslavovich, Doctor of Physical and Mathematical Sciences, Professor, Head of the Laboratory of Physics of Ionic Crystals of the Institute of Physics of the University of Tartu (Tartu, Estonia).

EEC IAAR coordinator – Niyazova Guliyash Balkenovna, project manager for institutional and specialized accreditation of universities (Nur-Sultan, Republic of Kazakhstan).

Cluster 1. Primary specialized accreditation

6B05103

**Engineering
ecology**

IAAR expert - Berdenov Zharas Galimzhanovich, PhD, Associate Professor of the Eurasian National University. L.N. Gumilyov (Nur-Sultan, Republic of Kazakhstan).

IAAR expert, student – Serikkaliev Tasbolat Serikkaliuly (Serikkaliev Tasbolat Serikkalievich), Executive Director of the Branch of the Alliance of University Students in the West Kazakhstan region (Uralsk, Republic of Kazakhstan).

**7M08601 Water
resources and water
use**

IAAR expert - Mukhamedzhanova Rufina Rinatovna, Director of the Quality Department of the Almaty University of Energy and Communications. G. Daukeeva (Almaty, Republic of Kazakhstan).

**8D07104 Oil and
gas and ore
geophysics**

IAAR expert – Lozhnikov Alexey Vladimirovich, Doctor of Technical Sciences, Professor of the National Technical University "Dnipro Polytechnic" (Dnipro, Ukraine).

Cluster 2. Primary specialized accreditation

**6B07305 Transport
construction,**

IAAR expert - Rabat Ondabek Zhanakhmetuly, Doctor of Technical Sciences, Professor of the Kazakh Automobile and Road Academy named after. L.B. Goncharova (Almaty, Republic of Kazakhstan).

**7M07320 Transport
construction**

6B07115

**Technological
machines and
equipment (by
industry)**

IAAR expert - Sembaev Nurbolat Sakenovich, Ph.D., Associate Professor of Toraigyrov University (Pavlodar, Republic of Kazakhstan).

IAAR expert, student - Bekmyrza Zhumash Aitzhanuly, student of OP 8D07102 Technological machines and equipment (mechanical engineering) of Kostanay Regional University named after. A. Baitursynova (Kostanay, Republic of Kazakhstan).

- 8D07114** *Nanomaterials and Nanotechnologies* IAAR expert - Nazhipkyzy Meruert, Ph.D., Associate Professor of the Kazakh National University. al-Farabi (Almaty, Republic of Kazakhstan).
- Cluster 3. Primary specialized accreditation**
- 7M11201** *Hygiene and labor protection at work* IAAR expert – Laura Ilyasovna Baitelesova, Ph.D., Associate Professor of the West Kazakhstan Innovation and Technology University (Uralsk, Republic of Kazakhstan).
- 8D07304** *Engineering systems and networks* IAAR expert – Kolpakova Valentina Pavlovna, Doctor of Technical Sciences, Associate Professor of the East Kazakhstan Technical University named after. D. Serikbaeva (Ust-Kamenogorsk, Republic of Kazakhstan).
- 8D07305** *Construction and production of building materials and structures* IAAR expert – Rakhimov Murat Amanzholovich, candidate of technical sciences, associate professor of Karaganda Technical University (Karaganda, Republic of Kazakhstan).
- 8D07303** *Construction and production of building materials and structures.* IAAR expert - Saktaganova Nargul Amanovna, PhD, Associate Professor of Kyzylorda University. Korkyt ata (Kyzylorda, Republic of Kazakhstan).
- IAAR expert, employer - Pilipenko Yury Alexandrovich, Chairman of the International Association of Producers of Goods and Services "Expobest" (Almaty, Republic of Kazakhstan).
- Cluster 4. Primary specialized accreditation**
- 8D11301** *Transport services* IAAR expert - Pak Yury Nikolaevich, Doctor of Technical Sciences, Professor of Karaganda Technical University (Karaganda, Republic of Kazakhstan).
- 7M04104** *Executive MBA* IAAR expert – Inna Sidorova, MBA, Master of Science in Economics, ACMA/CGMA (London, United Kingdom).
- 8D04102** *Management* IAAR expert – Arzaeva Maya Zhetkergenovna, PhD in Economics, Associate Professor of the Academy of Logistics and Transport (Almaty, Republic of Kazakhstan).
- IAAR expert, student - Kereeva Tansholpan Makhambetkyzy, 2nd year student of EP 7M04106 Aktobe Regional University named after. K. Zhubanova (Aktobe, Republic of Kazakhstan).
- Cluster 5. Primary specialized accreditation**
- 6B07114** *Biomedical engineering* IAAR expert - Yurikova Oksana Yurievna, PhD, Senior Lecturer of the Kazakh National University named after. al-Farabi (Almaty, Republic of Kazakhstan).
- IAAR expert - Zhumazhanov Serik Karatayevich, Ph.D., Senior Lecturer of the Kazakh Agrotechnical University. S. Seifullina (Nur-Sultan, Republic of Kazakhstan).
- 6B07112** *Electronic*

**and Electrical
Engineering**

Expert IAAR - Shunkeev Kuanyshbek Shunkeevich, Doctor of Physical and Mathematical Sciences, Professor of Aktobe Regional University named after. K. Zhubanova (Aktobe, Republic of Kazakhstan).

8D06105

**Information
security systems**

IAAR expert, student - Talipova Zhanel Sairanovna, 2nd year student of EP 7M07105 Automation and Control of the Kazakh Agrotechnical University named after. S. Seifullina (Nur-Sultan, Republic of Kazakhstan).

Cluster 6. Primary specialized accreditation

8D06104

**Cybernetics and
artificial
intelligence**

IAAR expert - Gnatushenko Vladimir Vladimirovich, Doctor of Technical Sciences, Professor of the National Technical University "Dnipro Polytechnic" (Dnipro, Ukraine).

6B07106

**Engineering
mechanics**

IAAR expert – Bakhtiyar Balzhan Turepashkyzy, Ph.D., Associate Professor of the Academy of Logistics and Transport (Almaty, Republic of Kazakhstan).

**8D07110 Digital
engineering of
machines and
equipment**

IAAR Expert - Andrei Kichuk, President of the National Agency for Quality Assurance in Education and Scientific Research - ANACEC (Chisinau, Moldova).

**8D07109 Innovative
technologies and
new inorganic
materials**

IAAR expert - Mashan Togzhan Turgaliyeva, candidate of chemical sciences, associate professor of the Eurasian National University. L.N. Gumilyov (Nur-Sultan, Republic of Kazakhstan).

IAAR expert, student - Dana Dauletkyzy Asylkhanova al-Farabi - Peoples' Friendship University of Russia (Almaty, Republic of Kazakhstan).

REPRESENTATION OF EDUCATIONAL ORGANIZATION

The educational institution "National Kazakh Research Technical University named after K. I. Satbayev" (hereinafter - the university or KazNITU) has a state license for the right to conduct educational activities No. KZ56LAA00005304 dated 11.07.2015, issued by the Committee for Control in Education and Science of the Ministry of Education and Science Republic of Kazakhstan. The university has institutional accreditation from the Independent Agency for Quality Assurance in Education (IAQA), as well as international institutional assessment from the European University Association (EUA).

The strategy of KazNITU named after K.I. Satbayev is focused on the formation of the scientific holding Satbayev University, which has a high scientific reputation in the world and high-quality educational programs.

The mission of KazNITU named after K.I. Satbaev is “science and education for the benefit of man”.

Vision - "To be in the TOP 300 Universities of the world by 2026 according to the QS ranking" with the aim of becoming a leading research, technical and educational center for the backbone sectors of the country's economy (currently 500+).

Educational programs submitted for accreditation in cluster 4 during the EEC IAAR visit from 19 to 21 April 2022:

8D11301 Transport Services, 7M04104 Executive MBA and 8D04102 Management

All programs are subject to initial accreditation.

Training in the EP Transport Services is carried out at the Department of Logistics (Head of the Department - Mukhanova Gulmira Samudinovna). Training in EP Management, Executive MBA is carried out at the Department of Management and Mathematical Economics (Head of the Department - Aliya Zhumabekovna Turegeldinova).

Data on the teaching staff of accredited EPs, on the contingent of students, as well as on the publication activities of the teaching staff, are presented in tables 1-3 below.

Table 1 - The staff of the teaching staff of the EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management for the 2021/2022 academic year

№	Name of EP	The general composition of the teaching staff	The staff of the teaching staff	Prof. PhDs	Associate professors, candidates of sciences	PhDs	teaching staff with a degree	
							quantity	%
1	8D11301 Transport services	6	6	-	5	1	6	1100
2	7M04104 Executive MBA	5	5	1	3	3	5	1100
3	8D04102 Management	5	5	1	3	3	5	100

Table 2 - The contingent of students of EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management for the 2021-2022 academic year

Name of EP	Total	State. order	Commercial basis
8D11301 Transport services	5	5	-
7M04104 Executive MBA	-	-	-
8D04102 Management	4	3	1

Table 3 - Scientific publications of the teaching staff implementing EP 8D11301 Transport Services, 7M04104 Executive MBA and 8D04102 Management, over the past 5 years

Публикации	Количество
1. Publications in journals: - with a non-zero impact factor, etc. <i>including:</i>	
WoS, Scopus	29

2. RSCI	20
3. KOKSON MES RK	67
4. Textbooks, study guides	16
5. Monographs	4

DESCRIPTION OF THE EEC VISIT

The work of the EEC was carried out on the basis of the approved Program of the combined visit of the expert commission for specialized accreditation of educational programs (hybrid form) in the Non-profit Joint Stock Company "Kazakh National Research Technical University named after K.I. Satbayev" (hereinafter - NAO KazNRTU named after K.I. Satbayev) from April 19 to April 21, 2022.

In order to coordinate the work of the EEC on 15.12.2021. an on-line kick-off meeting was held, during which powers were distributed among the members of the commission, the schedule of the visit was clarified, and agreement was reached on the choice of methods for examining the evaluated EPs.

To obtain objective information about the quality of educational programs and the entire infrastructure of the university, to clarify the content of self-assessment reports, on-line meetings were held with the rector, vice-rectors of the university in areas of activity, heads of structural divisions, heads of educational programs, heads of departments, representatives of teaching staff and students. A total of 98 representatives took part in the meetings (Table 4).

Table 4 - Information about employees and students who took part in the hybrid meeting with the EEC IAAR:

Participant category	Quantity
Rector	1
Vice-Rector's Corps	3
Heads of structural divisions	19
Deans	6
Interviews with the leaders of the EP, heads of departments	14
teachers	10
Students, undergraduates, doctoral students (who took part in the survey)	9
Total	62

During the off-line visit and watching videos, the EEC members got acquainted with the state of the material and technical base, visited: the historical museum, the scientific library, the assembly hall, the medical center, and classrooms.

At the meetings of the EEC IAAR in a hybrid format with the target groups of the university, the mechanisms for implementing the policy of the university were clarified and certain data presented in the self-assessment report of the university were specified.

Members of the EEC in a hybrid format visited the practice base evaluated by the EP: the Union of Project Managers of the Republic of Kazakhstan.

According to EP 8D11301 "Transport Services", a video recording of a lecture on "Research Methodology" was viewed. There were 5 doctoral students, lecturer ass. prof. Chepushtanova G.A.

In accordance with the accreditation procedure, a survey of 71 teachers was conducted (including 3 representatives of the Department of Management and Mathematical Economics and 4 representatives of the Department of Logistics and 41 students (including 1 representative of EP 8B11301 Transport Services). The results of the survey are indicated in Appendix No. four.

In order to confirm the information presented in the Self-Assessment Report, the working documentation of the university was requested and analyzed by external experts. Along with this, the experts studied the Internet positioning of the university through the official website of the university <https://satbayev.university/>

As part of the planned program, recommendations for improving the accredited educational programs of NAO KazNITU named after K.I. Satbayev, developed by the EEC based on the results of the examination, were presented at an online meeting with the management on 04/21/2022.

DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

Educational programs 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management external assessment for compliance with the standards of primary specialized accreditation of the educational program (Ex-ante) of the organization of higher and postgraduate education (put into effect by order No. 68-18 / 1-OD dated May 25 2018) are held for the first time.

COMPLIANCE WITH THE STANDARDS OF PRIMARY SPECIALIZED ACCREDITATION (EX-ANTE)

6.1. Standard "Management of the educational program"

✓ *The university must demonstrate the development of the goal and development strategy of the EP based on the analysis of external and internal factors with the wide involvement of various stakeholders.*

✓ *The quality assurance policy should reflect the relationship between research, teaching and learning.*

✓ *The university demonstrates the development of a culture of quality assurance.*

✓ *Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including the implementation of joint / double degree education and academic mobility.*

✓ *The management of the EP ensures the transparency of the development plan for the development of the EP based on an analysis of its functioning, the actual positioning of the university and the focus of its activities on meeting the needs of students, the state, employers and other stakeholders.*

✓ *The EP management demonstrates the functioning of the mechanisms for the formation and regular revision of the EP development plan and monitoring its implementation, assessing the achievement of learning goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the EP.*

✓ *The EP management should involve representatives of stakeholder groups, including employers, students and teaching staff in the formation of the EP development plan.*

✓ *The management of the EP must demonstrate the individuality and uniqueness of the EP development plan, its consistency with national development priorities and the development strategy of the educational organization.*

✓ *The university must demonstrate a clear definition of those responsible for business processes within the EP, the distribution of staff duties, and the delimitation of the functions of collegial bodies.*

✓ *The management of the EP ensures the coordination of the activities of all persons involved in the development and management of the EP, and its continuous implementation, and also involves all interested parties in this process.*

✓ *The management of the EP must ensure the transparency of the management system, the functioning of the internal quality assurance system, including its design, management and monitoring, and the adoption of appropriate decisions.*

✓ *The management of the EP should carry out risk management.*

✓ *The management of the EP should ensure the participation of representatives of stakeholders (employers, teaching staff, students) in the collegiate management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program.*

✓ *The university must demonstrate innovation management within the EP, including the analysis and implementation of innovative proposals.*

✓ *The EP management must demonstrate its openness and accessibility for students, teaching staff, employers and other interested parties.*

✓ *The management of the EP confirms the completion of training in education management programs.*

✓ *The EP management should strive to ensure that the progress made since the last external quality assurance procedure is taken into account when preparing for the next procedure.*

✓

Evidence

The educational activities of NJSC KazNITU named after K.I. Satbayev are carried out in accordance with the Development Strategy of the university for 2022-2026 (31.01.2022).

The development strategy of the university for 2022-2026 was formed in accordance with the order of the Minister of the Ministry of Education and Science of the Republic of Kazakhstan dated October 25, 2018 No. 590., the National Development Plan of the Republic of Kazakhstan until 2025, the Decree of the President of the Republic of Kazakhstan dated October 07, 2021 "On approval of the list of national projects" , the National project "Quality Education "Educated Nation"" and others.

Within the framework of the approved Strategy, the processes for designing and developing educational programs for EP 8B11301 Transport Services, 7M04104 Executive MBA and 8D04102 Management are defined.

The development plans for EP 8D11301 Transport Services, 7M04104 Executive MBA and 8D04102 Management are updated in structure and content and are implemented through interaction with stakeholders, by participating in the development of modular educational programs, a catalog of elective disciplines, providing practice bases, and examination of educational and methodological complexes.

The internal quality assurance system at the university is based on the developed Quality Assurance Policy <https://official.satbayev.university/ru/documents/standart-iso-9001-1-uroven>.

To ensure the quality of the educational process in NAO KazNITU named after K.I. Satbayev, the relevant procedures "Academic Policy", "Code of Academic Integrity of NAO KazNITU named after K.I. Satbayev and others" have been developed and approved (<https://official.satbayev.university/ru/vnutrennie-normativnye-dokumenty/3-uroven-upravlenie-obrazovatelnyim-protsessom>).

Analytical part

The internal system of quality assurance of educational programs includes: assessment of the quality of training of students for each educational program; assessment of the quality of work of the teaching staff involved in the implementation of each educational program; assessment of the resource support of educational activities (material and technical, educational and methodological and library and information support).

Meetings with students showed that the stakeholders are not sufficiently involved in quality assurance, setting goals and development strategies for each educational program.

The development plans of the evaluated EP 8D11301 Transport Services, 7M04104 Executive MBA and 8D04102 Management do not indicate the developers, therefore, it seems difficult to confirm the information received at the interview and arising from the minutes of the meeting of the departments implementing the evaluated EP.

In addition, the Executive MBA program failed to get acquainted with the written mechanisms for regular review of the EP;

At the same time, the EEC notes the need to revise approaches to the dissemination of EP development plans by posting separate documents on the official website.

There is a formal approach to risk assessment of the EP (identification of risks, determination of measures to prevent them).

Responsiveness and accessibility of the university management and EP for students are confirmed by the results of the survey: the level of accessibility of the dean's office is completely satisfactory - 82.9% of students, 80.5% of students are completely satisfied with the level of accessibility and responsiveness of the university management.

Strengths/best practice in EP 8D11301 Transport Services, and 8D04102 Management

- the strength of the accredited EP 8D11301 Transport Services and 8D04102 Management is the presence of a published quality assurance policy that reflects the relationship between research, teaching and learning.

VEC recommendations for EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management:

1. By the beginning of the 2022-2023 academic year, the leadership of the EP to revise the EP Development Plan for the 2022-2023 academic year, taking into account:

- 1.1. The needs of students, the requirements of employers, professional standards;
- 1.2. The internal quality assurance system of the EP, including monitoring, fact-based decision making and risk management.

2. To carry out identification, analysis of the risks of the EP and measures aimed at reducing the degree of risk. Based on the analysis, develop a long-term plan (for 5 years) to prevent and overcome risks.

Additional Recommendations for the Executive 7M04104 MBA Program

3. When revising the EP plan for the 2022-2023 academic year, identify the innovations used within the program, as well as innovation management methods.

Conclusions of the EEC according to the criteria:

According to the standard "Management of the educational program" EP 8D11301 Transport services and 8D04102 Management have: 1 strong, 13 satisfactory positions, 1 position suggesting improvement.

According to EP 7M04104 Executive MBA: strong - 0, satisfactory - 10, needs improvement - 5.

6.2. Information Management and Reporting Standard

✓ *The university must ensure the functioning of the system for collecting, analyzing and managing information based on modern information and communication technologies and software.*

✓ *The EP guide demonstrates the systematic use of processed, adequate information to improve the internal quality assurance system.*

✓ *The management of the EP demonstrates the existence of a reporting system that reflects the activities of all structural units and departments within the EP, including an assessment of their performance.*

✓ *The university must determine the frequency, forms and methods for assessing the management of the EP, the activities of collegial bodies and structural divisions, top management.*

✓ *The university must demonstrate a mechanism for ensuring the protection of information, including the identification of persons responsible for the reliability and timeliness of information analysis and data provision.*

✓ *The university demonstrates the involvement of students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them.*

✓ *The EP management must demonstrate the existence of communication mechanisms with students, employees and other stakeholders, including conflict resolution.*

✓ *The university must ensure the measurement of the degree of satisfaction with the needs of students, teaching staff and staff within the framework of the EP and demonstrate evidence of the elimination of identified shortcomings.*

✓ *The university must evaluate the effectiveness and efficiency of activities in the context of the EP.*

✓ *The information collected and analyzed by the university within the framework of the*

EP should take into account:

- ✓ *key performance indicators;*
- ✓ *the dynamics of the contingent of students in the context of forms and types;*
- ✓ *the level of academic performance, student achievement and expulsion;*
- ✓ *satisfaction of students with the implementation of the EP and the quality of education at the university;*
- ✓ *availability of educational resources and support systems for students;*
- ✓ *employment and career growth of graduates.*
- ✓ *Students, teaching staff and staff must document their consent to the processing of personal data.*
- ✓ *The management of the EP should contribute to the provision of the necessary information in the relevant fields of science.*

Evidence

In accordance with the development strategy of NAO KazNITU named after K.I. Satbayev for 2022-2026 needs "an increase in the number of electronic resources introduced into the educational process", as well as an "Increase in the number of EPs implemented using distance technologies".

University Internet resources are created at various levels of the hierarchy: from personal sites and pages of departments to university-wide information repositories and are available to students and teachers both in the internal network of NAO KazNITU named after K.I. Satbayev, and on the Internet.

NJSC KazNRTU named after K.I. Satbayev has a system for collecting and monitoring information on the EP of the cluster.

For effective information management are used:

- Educational portal sso.satbayev.university;
- HR accounting system;
- Mega Pro library;
- a system for registering residents of the Dormitory dormitory;
- Cloud platform Microsoft 365;
- Questioning;
- Proctoring;
- Service Desk;
- to evaluate the performance of scientific laboratories Laboratory, etc.

Students, employees and teaching staff document their consent to the processing of personal data in the established form of the university.

Analytical part

The EEC notes the reliability, accuracy, timeliness and completeness of information in the context of accredited EPs, which is confirmed by the analytical and statistical information provided to the experts of the EEC, which generally shows positive results.

An analysis of information resources shows that the main sources of information dissemination are the university's website and the official Instagram account. However, the expert commission notes the insufficient completeness of the content of the website, as well as the incomplete correspondence of the published information in the three languages of the site.

To involve students and university staff in the management of educational programs, collegiate bodies traditional for universities (Academic Council, educational and methodological commissions of departments, faculty, university) work. Unfortunately, it was not possible to establish the participation of the Alumni Association in the process.

The university has a feedback system, which includes boxes for suggestions and complaints, which are located in each academic building, and a survey.

At the same time, following the results of conversations with teaching staff and students, experts note the absence of a conflict resolution mechanism fixed at the institutional level.

Also, experts note the lack of a unified approach to identifying key performance and performance indicators in the framework of the collection and management of information that affect qualitative transformations in the framework of the implementation of educational programs.

Strengths/best practice in EP 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management: not identified.

VEC recommendations for EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management:

- The management of the EP needs to ensure the effectiveness of the communication mechanism with students and other stakeholders. In particular, for the Executive MBA program to develop a document indicating the decision-making mechanisms based on information received from students, teaching staff and other stakeholders

- Develop a career guidance plan for accredited EPs. Deadline: 2022-2023 academic year.

Conclusions of the EEC according to the criteria:

According to the standard "Information Management and Reporting" EP 8D11301 Transport Services, 7M04104 Executive MBA and 8D04102 Management have: 0 strong, 15 satisfactory positions, 1 position suggesting improvement.

6.3. Standard "Development and approval of the educational program"

- ✓ *The university must demonstrate the existence of a documented procedure for the development of the EP and its*

- ✓ *The university must demonstrate the compliance of the developed EP with the established goals and planned learning outcomes.*

- ✓ *The EP management should determine the influence of disciplines and professional practices on the formation of learning outcomes.*

- ✓ *The university demonstrates the presence of a model of a graduate of the EP, which describes the learning outcomes and personal qualities.*

- ✓ *The qualification awarded upon completion of the EP must be clearly defined, explained and correspond to a certain level of the NSC, QF-EHEA.*

- ✓ *The management of the EP must demonstrate the modular structure of the program based on ECTS, ensure that the structure of the content of the EP corresponds to the goals set, with a focus on achieving the planned learning outcomes for each graduate.*

- ✓ *The management of the EP should ensure that the content of academic disciplines and learning outcomes correspond to each other and to the level of education (bachelor's, master's, doctoral studies).*

- ✓ *The management of the EP must demonstrate the conduct of external reviews of the EP.*

- ✓ *The management of the EP must provide evidence of the participation of students, teaching staff and other stakeholders in the development and quality assurance of the EP.*

- ✓ *The EP management must demonstrate the uniqueness of the educational program, its positioning in the educational market (regional/national/international).*

- ✓ *An important factor is the possibility of preparing students for professional certification.*

- ✓ *An important factor is the presence of a joint (-s) and / or double-diploma EP with foreign universities.*

Evidence

The development of accredited EPs is carried out in accordance with the state educational standards of specialties. The university has documented the procedure for developing and assessing the quality of the EP, the frequency, forms and methods for assessing the quality of the EP are established in the development plans for the EP. The goals of the accredited EPs are formulated and correspond to the Mission and values of NJSC KazNRTU named after K.I. Satbayev. NJSC KazNRTU named after K.I. Satbayev provides high-quality educational services, which are implemented on the basis of educational programs that meet professional and scientific requirements.

The university has developed the "Rules for the development of EP", approved at a meeting of the academic council of the university, protocol No. 17 of 06/25/2020.

The accredited EPs display the logical sequence of mastering, disciplines, practices, final certification, defense of the thesis, which ensure the formation of general and special competencies. The complexity of the disciplines of cycles in credits, practice, final certification are indicated.

The learning outcomes for the cluster EP are determined by the acquired competencies, which are spelled out in the models of graduates. For each accredited EP, a modular educational program has been developed that contains a graduate model, which is aimed at developing the relevant competencies that allow achieving results in the professional field of activity of the appropriate level of education. Models of graduates for accredited EPs are developed by the teaching staff together with employers and are associated with the formation of the necessary knowledge, skills and abilities in students, the development of the ability to think creatively, the development of personal qualities (patriotism, citizenship, psychological stability, purposefulness, organization, communication, tolerance, general culture), allowing to implement the formed competencies in professional activities.

The teaching staff of the department, students, representatives of employers participate in the development of the EP cluster. EPs are approved at a meeting of the Academic Council of the University. The addition and amendment made take into account the latest changes in the labor market and reflect the interests of students, employers and other stakeholders. Catalogs of elective disciplines are updated annually, and their content is also corrected. During implementation, the management of the accredited EP plans to cooperate and exchange experience with other educational organizations.

Questioning of the teaching staff conducted during the visit of the EEC IAAR showed that:

- The teaching staff satisfies the content of the educational program with "very good" - 40.8%, "good" - 52.1%;
- The teaching staff believes that the management of the university pays attention to the content of the educational program as "very good" - 42.3%, "good" - 49.3%, "relatively bad" - 5.6%.

The results of a survey of students on the issue of support with educational materials in the learning process: "fully satisfied" - 73.2%, "partially satisfied" - 26.8%, "partially dissatisfied" - 0%, "Not satisfied" and "Difficult to answer" - 0%.

Analytical part

The university has official mechanisms for the development, approval, periodic evaluation and monitoring of the implemented EP and the qualifications awarded, which is reflected in the legal documents approved by the Academic Council of the university and regulating educational activities at the university.

The goals and corresponding tasks of educational programs are developed taking into account the industry specifics of the areas of training and the expectations of employers in terms of the formation of the competencies of future specialists.

Informing about changes in the EP is carried out at meetings of the department, educational and methodological councils, the Academic Council of the University. Also, according to the self-report, interested parties are informed about upcoming meetings on the

consideration of educational programs by means of communication (mobile communications/e-mail/social networks/messengers).

However, the EEC commission notes the absence of a mechanism for informing all interested parties about any planned or undertaken actions regarding the EP on the university website. Among other things, the university does not publish information about the changes made to the EP.

In addition, under the Executive MBA program, the EEC commission was not able to get acquainted with the documents confirming the actual external examinations of the content of the EP. Due to the change in the leadership of the program, it was not possible to fully verify the degree of participation of stakeholders in the development of the EP and ensuring its quality.

Strengths/Best Practices in EP 8D11301 Transport Services, and 8D04102 Management:

The strengths of accredited EPs are:

- OO defined and documented procedures for the development of EPs and their approval at the institutional level.
- compliance of the content of the EP with the established goals, including learning outcomes.

VEC recommendations for EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management:

- The management of the EP needs to systematically review the content of the EP, taking into account market changes and the requirements of professional standards and the social demand of society.

VEC recommendations for EP 7M04104 Executive MBA:

- by the beginning of the 2022-2023 academic year, conduct external examinations of the current content of the EP
- fully document the procedure for developing the EP
- by the beginning of the 2022-2023 academic year, ensure the involvement of stakeholders in the development of the EP and ensure its quality

Conclusions of the EEC according to the criteria:

According to the standard "Development and approval of the educational program" EP 8D11301 Transport services and 8D04102 Management have: 2 strong, 9 satisfactory positions, 1 position suggesting improvement.

According to the standard "Development and approval of the educational program" 7M04104 Executive MBA "has: 8 satisfactory positions, 3 positions suggesting improvement.

6.4. Standard "Continuous monitoring and periodic evaluation of educational programs"

✓ *The university must ensure the revision of the structure and content of the EP, taking into account changes in the labor market, the requirements of employers and the social demand of society.*

✓ *The university must demonstrate the existence of a documented procedure for monitoring and periodic evaluation in order to achieve the goal of the EP and continuously improve the EP.*

✓ *Monitoring and periodic evaluation of the EP should consider:*

- ✓ *the content of the program in the context of the latest achievements of science and technology in a particular discipline;*
- ✓ *changes in the needs of society and the professional environment;*
- ✓ *workload, academic performance and graduation of students;*
- ✓ *the effectiveness of student assessment procedures;*

- ✓ *needs and satisfaction of students;*
- ✓ *compliance of the educational environment and the activities of support services with the goals of the EP.*
- ✓ *The management of the EP should publish information about changes to the EP, inform interested parties about any planned or undertaken actions within the EP.*
- ✓ *Support services should identify the needs of various groups of students and their degree of satisfaction with the organization of training, teaching, assessment, mastering the EP in general.*

Evidence

In order to manage and improve activities in NJSC KazNRTU named after K.I. Satbayev, monitoring is carried out in various areas, including individual educational programs. The monitoring system is an important tool for managing the quality of the university's activities.

The purpose of monitoring is to assess the quality of managerial, educational, research and educational work of the university, on the basis of which optimal solutions are selected for organizing the effective activities of NJSC KazNRTU named after K.I. Satbayev. Monitoring is carried out in the following areas: educational programs, teaching staff activities and teaching effectiveness, students and conditions for their personal development, research activities and its effectiveness, material and technical, library and information resources.

On the official website of the university, the regulatory documents of the university are in the public domain (<https://official.satbayev.university/ru/docs>). In all departments of the university, office work is carried out in accordance with the approved nomenclature of cases, the safety and archiving of documents, and an established electronic document management system are ensured.

Every year, the university conducts a survey of teaching staff, employees and students. The data of the questionnaires are processed and used as an analytical document in the field of improving the management of the university and the EP.

The EEC members made sure that the material, technical and information resources of NJSC KazNRTU named after K.I. Satbayev correspond to the profile and requirements for the implementation of the accredited EP.

Analytical part

The Commission notes that issues related to this standard are reflected in the self-report and were confirmed during the EEC visit.

Information and documents have been confirmed, indicating that the management of the EP studied the market for educational services provided by other universities and used the results of this analysis to create their own unique and competitive profile of the evaluated EPs.

At the same time, the EEC notes the weak effectiveness of ongoing monitoring and periodic assessment of the quality of the EP. As for the Executive MBA EP, it was not possible to fully verify the effectiveness of the mechanism for informing all interested parties about the planned or undertaken actions in relation to the EP.

Сильные стороны/лучшая практика по ОП 8D11301 Транспортные услуги, 7M04104 Executive MBA и 8D04102 Менеджмент: не выявлено.

VEC recommendations for EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management:

- The management of the EP on a systematic basis to monitor and periodically assess the quality of the EP.

According to the program 7M04104 Executive MBA:

- by the beginning of the 2022-2023 academic year, develop and publish a mechanism for informing all stakeholders about any actions taken in relation to the EP

- Timely publish all changes related to the EP, including on external resources, including the website

Conclusions of the EEC according to the criteria:

According to the standard "Continuous monitoring and periodic evaluation of educational programs" EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management have: 0 strong, 10 satisfactory positions.

According to the standard "Continuous monitoring and periodic evaluation of educational programs" 7M04104 Executive MBA has: 0 strong, 8 satisfactory positions and 2 positions requiring improvement.

6.5. Student-Centered Learning, Teaching and Assessment Standard

✓ *The management of the EP should ensure respect and attention to the various groups of students and their needs, providing them with flexible learning paths.*

✓ *The management of the EP should ensure teaching based on modern achievements of world science and practice in the field of training, the use of various modern methods of teaching and evaluating learning outcomes that ensure the achievement of the objectives of the EP, including competencies, skills to perform scientific work at the required level.*

✓ *The management of the EP should determine the mechanisms for distributing the teaching load of students between theory and practice within the framework of the EP, ensuring the mastery of the content and achievement of the goals of the EP by each graduate.*

✓ *An important factor is the presence of own research in the field of teaching methods for EP disciplines.*

✓ *The university must ensure that the procedures for evaluating learning outcomes are in line with the planned results and goals of the EP.*

✓ *The university must ensure the consistency, transparency and objectivity of the mechanism for assessing the learning outcomes of the EP, the publication of criteria and assessment methods in advance.*

✓ *Assessors should be familiar with modern methods of evaluating learning outcomes and regularly improve their skills in this area.*

✓ *The EP management must demonstrate the existence of a feedback system on the use of various teaching methods and the assessment of learning outcomes.*

✓ *The management of the EP must demonstrate support for the autonomy of learners with simultaneous guidance and assistance from the teacher.*

✓ *The management of the EP must demonstrate the existence of a procedure for responding to complaints from students.*

Evidence

The principle of student-centered learning at NAO KazNITU named after K.I.Satbayev is based on respect and attention to the personality of students and their needs, expressed in the provision of flexible learning paths; the use of various forms of teaching and a variety of pedagogical methods and technologies; regular feedback on all issues; supporting learner autonomy while providing proper guidance and assistance from the teacher; strengthening mutual respect between teacher and student.

In the process of interviewing the EEC IAAR students, it was noted that not all students have information on what educational trajectory they are studying, its advantages and benefits compared to other universities that implement similar EPs.

The university constantly updates the student's guide (<https://satbayev.university.ru/freshman-guide>; <https://satbayev.university.ru/phd-guide>), which is available both on paper and in electronic form on the official University website and contains systematized information about the 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 technology, educational and scientific literature.

The departments prepare students for scientific work: the topics of dissertations are approved, according to which students can choose a topic in accordance with their profile of work. According to the accredited EP, the departments develop approximate topics of dissertations and are approved by the Academic Council of the university. The dissertation topics and the supervisor are fixed by the order of the rector of the university after the enrollment of the student.

During the visit of the expert group, it was possible to get acquainted with the educational process of EP 8D11301 Transport Services. A video recording of a lecture on "Methodology of Scientific Research" was watched and it was seen how the teacher uses various forms of conducting classes (business games; round tables; literature review; drawing up individual and group projects) in the educational process, which contribute to the development of students' skills of analysis, decision-making and creative thinking. The university monitors the progress of students along the educational trajectory. Objectivity of assessment of students' knowledge, transparency and adequacy of tools and mechanisms for their assessment.

The practice base of NJSC KazNITU named after K.I. Satbayev correspond to the profile of a particular EP, all types of practice are provided with educational and methodological materials.

Based on the results of a survey of students conducted within the framework of the EEC IAAR, it was determined that, in general, equal opportunities are provided to all students: "Full agreement" - 65.9%, "Agree" - 24.4%.

Also, a survey of EEC students showed that:

- the program of the course was clearly presented "Full agreement" - 53.7%, "Partly agree" - 9.8%.

- Informing the requirements in order to successfully complete this specialty "Fully satisfied" - 75.6%, "Not satisfied" - 7.3%.

Analytical part

The results of a consistent study of the effectiveness of elective courses allow us to judge the positive dynamics in the assimilation of the developed content of the programs, focused on the formation of students' professional competencies. The university practices the process of forming an individual educational trajectory for students in the EP. The management of the university provides opportunities to meet student-centered learning.

With the introduction of student-centered learning, the requirements for teaching and, in general, for teaching activities are changing. The management of the EP is responsible for the systematic development, implementation and effectiveness of active learning methods and innovative teaching methods. The teachers of the department create the most favorable conditions for students to master the disciplines of the specialty and receive a degree.

The management of the EP provides academic freedom in choosing a teacher, transparency and accessibility of students to the results of the assessment, the possibility of assessing the professional qualities of the teaching staff (questionnaires). In NAO KazNRTU named after K.I. Satbayev, the material and technical support of the educational process is presented at a good level. For example, according to EP 8D11301 "Transportation Services", the educational process is equipped with licensed software ("AnyLogic").

The EEC members were shown the mechanisms for assessing learning outcomes, appeals, transparency of the criteria and tools for assessing the educational achievements of students. The university provides opportunities for the implementation of student-centered learning. But, with the predominance of satisfactory positions according to the NARR criteria for this Standard, the EEC notes the weak representation of its own research in the field of teaching methods for the

academic disciplines of the EP and the low effectiveness of the procedure for responding to suggestions and complaints from students.

VEC ONAR, having held meetings, conversations and interviews with vice-rectors, heads of departments, heads and employees of structural divisions, students, faculty, as well as by conducting a survey of students and faculty, detailed acquaintance of experts with the educational infrastructure of the university, material and technical and information and methodological resources, as well as the necessary documents, notes the following:

Strengths/best practice in EP 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management: not identified.

VEC recommendations for EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management:

- In 2022-2023, to provide for own research in the development plan of the EP in the context of the methodology of teaching specialized disciplines, taking into account the specifics of the EP;
- By the beginning of the 2022-2023 academic year, ensure the effectiveness of the procedure for responding students to complaints and suggestions.

Conclusions of the EEC according to the criteria:

According to the standard "Student-centered learning, teaching and assessment" EP 8D11301 Transport services and 8D04102 Management have: 0 strong, 9 satisfactory positions, 1 position suggesting improvement.

According to the standard "Student-centered learning, teaching and assessment" 7M04104 Executive MBA has 0 strong, 10 satisfactory positions.

6.6. Standard "Students"

✓ *The university must demonstrate a policy of forming a contingent of students and ensure transparency, publicity of the procedures governing the life cycle of students (from admission to completion).*

✓ *The management of the EP should provide for special adaptation and support programs for newly enrolled and foreign students.*

✓ *The university must demonstrate the compliance of its actions with the Lisbon Recognition Convention, including the existence and application of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal education.*

✓ *The university should provide an opportunity for external and internal academic mobility of students, as well as assist them in obtaining external grants for study.*

✓ *The university should encourage students to self-education and development outside the main program (extracurricular activities).*

✓ *An important factor is the existence of a mechanism to support gifted students.*

✓ *The university must demonstrate cooperation with other educational organizations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers" ENIC / NARIC in order to ensure comparable recognition of qualifications.*

✓ *The university must provide students with internship places, demonstrate the procedure for facilitating the employment of graduates, maintaining contact with them.*

✓ *The university must demonstrate the procedure for issuing documents to graduates confirming the qualifications received, including the learning outcomes achieved.*

✓ *The management of the EP must demonstrate that program graduates have skills that are in demand in the labor market and that these skills are really relevant.*

- ✓ *The management of the EP must demonstrate the existence of a mechanism for monitoring the employment and professional activities of graduates.*
- ✓ *An important factor is the existence of an active alumni association/union.*

Evidence

When forming a contingent of students, NJSC KazNRTU named after K.I. Satbayev is guided by the current regulatory framework of the Ministry of Education and Science of the Republic of Kazakhstan. The formation of a contingent of students is carried out mainly on the basis of state grants for education. Education under the Executive MBA program is paid. The contingent of students is formed from groups in which training is conducted in Russian on a full-time basis (according to the Executive MBA program, the language of instruction is determined in each individual case: teaching can be conducted both in Kazakh, and in Russian and English). The University is systematically working on the collection and analysis of statistical data on the contingent of students and graduates. Table 4 shows the contingent for accredited EPs for the 2021-2022 academic year.

Table 4 - The contingent of students of EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management for the 2021-2022 academic year

EP	Total	State order	Commercial basis
8D11301 Transport services	5	5	0
7M04104 Executive MBA	0	0	0
8D04102 Management	4	3	1

According to the table, there is a lack of organizational, methodological and managerial measures for the sustainable formation of a contingent of students in the EP "Transport Services" and "Management". For the Executive MBA program, the public source of information about the program and enrollment is a dedicated page on the university's website;

The organization of educational work is carried out in accordance with the regulatory documents both through the Ministry of Education and Science of the Republic of Kazakhstan and through the QMS of the university. In order to ensure the growth of the quality of educational services provided, students are systematically surveyed. Topics of dissertations are determined taking into account the interests of students, the scientific priorities of the teaching staff of the department and the relevance of the problems.

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

- The quality of teaching "Fully satisfied" - 78%, "Partly satisfied" - 22%.
- The overall quality of the training programs "Fully satisfied" - 80.5%, "Partly satisfied" - 19.5%.

Analytical part

The policy of forming a contingent at the university is regulated and reflected in the Academic policy of the university. The principles of creating an educational environment for students to achieve the required professional level, methods of feedback and informing students are presented.

EEC IAAR, based on interviewing and questioning students, familiarization with the educational infrastructure of the university and various documents, notes the following: the university actively encourages students to self-educate and develop outside the main program (extracurricular activities).

However, the WEC notes:

- insufficiency of organizational, methodological and managerial measures for the sustainable formation of a contingent of students in all accredited EPs.
- lack of effective special adaptation and support programs for foreign students.
- According to the EP Executive MBA, the policy of forming a contingent of students is not published on external resources. The website does not provide enough information about the life cycle of learners from entry to completion.

Strengths/best practice in EP 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management: not identified.

VEC recommendations for EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management:

- By the beginning of the 2022-2023 academic year, the OO will provide organizational, methodological and managerial measures for the sustainable formation of a contingent of students in the context of accredited EPs;
- By the beginning of the 2022-2023 academic year, the leadership of the EP will develop special adaptation and support programs for foreign students.

Additionally for Executive MBA program:

- by the beginning of the 2022-2023 academic year, publish a policy for the formation of a contingent of students, which provides for both the recruitment of students / groups of students sent for training by employers, and students - independent applicants.
- By the beginning of the 2022-2023 academic year, develop and publish a document that allows applicants to make a decision on admission to the EP based on the data published in it, including information about the life cycle of students.

Conclusions of the EEC according to the criteria:

According to the standard "Students" EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management have: 0 strong, 11 satisfactory positions, 1 position suggesting improvement.

6.7. Standard "Teaching Staff"

- ✓ *The university must have an objective and transparent personnel policy in the context of the EP, including recruitment (including invited teaching staff), professional growth and development of staff, ensuring the professional competence of the entire staff.*
- ✓ *The university must demonstrate the compliance of the qualitative composition of the teaching staff with the established qualification requirements, the strategy of the university, and the objectives of the EP.*
- ✓ *The EP management should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning and teaching.*
- ✓ *The university should provide opportunities for career growth and professional development of teaching staff, including young teachers.*
- ✓ *The university should involve in the teaching of specialists from relevant industries with professional competencies that meet the requirements of the EP.*
- ✓ *The university must demonstrate the existence of a motivation mechanism for the professional and personal development of teaching staff.*
- ✓ *The university must demonstrate the widespread use of information and communication technologies and software in the educational process by the teaching staff (for example, on-line training, e-portfolio, MEPs, etc.).*
- ✓ *The university must demonstrate its focus on the development of academic mobility, attracting the best foreign and domestic teachers.*
- ✓ *The university must demonstrate the involvement of each teacher in promoting a culture of quality and academic honesty at the university, determine the contribution of teaching staff,*

including those invited, to achieving the goals of the EP.

✓ An important factor is the involvement of teaching staff in the development of the economy, education, science and culture of the region and the country.

Evidence

The process of promotion and rotation of personnel is carried out by management on the basis of professional achievements, performance discipline, managerial skills of the employee. The process of selection, recruiting and certification of personnel is directly related to the movement of personnel, which is reflected in the relevant orders of the university and is carried out by management on the basis of professional achievements, performance discipline, and managerial skills of the employee.

The qualifications of teachers, their quantitative composition correspond to the areas of training of bachelors and masters, meet licensing requirements.

The level of competence of the teaching staff, determined at the university, is directly related to the professional standard and the NSC. Accredited educational programs of higher and postgraduate education are focused on learning outcomes and take into account the requirements of relevant professional standards for the implementation of a comprehensive system of conformity assessment and qualifications.

The national qualification framework and professional standards determine the required level of knowledge, skills and abilities for each level of training. These requirements are laid down in the Rules of Competitive Substitution of Teaching Staff Positions in force at the university.

Teaching staff of accredited EPs make a great contribution to the development of the economy, education, science and culture of the region and the country. The main contribution is the training of qualified personnel capable of making a significant contribution to the development of the region and the country. In addition, the teaching staff is actively engaged in scientific research, the results of which are used in the teaching process.

Analytical part

The position on personnel policy is located in the personnel department, available to teaching staff and employees. The transparency of decision-making in the formation of the staff of the EP is confirmed by voting by members of the selection committee, providing equal access for candidates to information on employment, holding a competition for filling vacancies on the university website and in city and regional print media.

Practice testifies to the presence of a stable tendency to give competitive preference to masters, candidates and doctors of sciences, who can help increase the personnel potential of the department. When hiring teaching staff, a prerequisite is that the applicant for a vacant position has a higher professional education, an academic master's degree, an academic degree of a candidate or doctor of science, a PhD, the correspondence of education to the profile of the evaluated EP, etc.

The university has and actively operates a system of motivation and encouragement of staff, through the rating assessment of the achievements of teaching staff, which makes it possible to stimulate the work of teaching staff, including research.

However, the WEC considers it necessary to update the role of the teacher in the context of the successful implementation of student-centered learning, teaching and evaluation of results.

Strengths/best practice in EP 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management: not identified.

VEC recommendations for EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management:

- The leadership of the EP to determine the role of the teacher in the context of the successful implementation of student-centered learning through the involvement of each teacher in the development of a culture of quality

Conclusions of the EEC according to the criteria:

According to the standard "Teaching staff" EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management have: 0 strong, 8 satisfactory positions, 1 position suggesting improvement.

6.8. Standard "Educational resources and student support systems"

- ✓ *The university must guarantee the compliance of the infrastructure, educational resources, including material and technical, with the goals of the educational program.*
- ✓ *The management of the EP must demonstrate the sufficiency of classrooms, laboratories and other facilities equipped with modern equipment to ensure the achievement of the objectives of the EP.*
- ✓ *The university must demonstrate the compliance of information resources with the needs of the university and the implemented EPs, including in the following areas:*
 - ✓ *technological support for students and teaching staff in accordance with educational programs (for example, online learning, modeling, databases, data analysis programs);*
 - ✓ *library resources, including a fund of educational, methodical and scientific literature on general education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;*
 - ✓ *examination of the results of research, final works, dissertations for plagiarism;*
 - ✓ *access to educational Internet resources;*
 - ✓ *WI-FI functioning on its territory.*
- ✓ *The university must demonstrate that it creates conditions for conducting scientific research, integrating science and education, publishing the results of research work of teaching staff, staff and students.*
- ✓ *The university should strive to ensure that the educational equipment and software used for the development of educational programs are similar to those used in the relevant sectors of the economy.*
- ✓ *The management of the EP must demonstrate the existence of procedures for supporting various groups of students, including information and counseling.*
- ✓ *The management of the EP should show the existence of conditions for the advancement of the student along an individual educational trajectory.*
- ✓ *The university must take into account the needs of different groups of students (adults, working, foreign students, as well as students with special educational needs).*
- ✓ *The university must ensure that the infrastructure meets the safety requirements.*

Evidence

For in-depth study of disciplines and the acquisition of skills in the application of theoretical material, students are given the opportunity to use modern multimedia training programs. EP 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Classroom Management, which are used in the educational process. One cabinet with Python software, SPSS, R programming and Stata, AnyLogic. Classrooms are equipped with projectors, whiteboards, computers.

In the libraries of the university there is a card index of literature supply, which is constantly updated with information about new arrivals of books. Information certificates, tables on the availability of educational and educational-methodical literature for each discipline of the curriculum, including publications on electronic media, are compiled. The departments of the university maintain card indexes of book supply in paper and electronic forms. All disciplines of

the working curricula of the EP of the university have sufficient provision with the necessary literature.

82.9% of students were satisfied with the level of availability of library resources, 2.4% (1) of students found it difficult to answer. Also, regarding support with educational materials in the learning process, answers were received from students, which made it possible to identify satisfaction by 73.2%, 26.8% of the student was partially satisfied.

Analytical part

However, the WEC notes:

- in the syllabuses for the disciplines of the evaluated EP, the members of the EEC revealed the presence of outdated literature in some disciplines. Taking into account the constant development of science and technology, as well as the transformation of approaches to solving various scientific problems, there is a need to constantly update the library fund, in particular through the works of the teaching staff that implement the evaluated EP. It should also be noted that the presence of a doctoral level in the list of evaluated EPs requires the teaching staff to have their own vision regarding teaching methods, followed by the publication of their own teaching aids.

- insufficiency of material and technical resources and infrastructure, taking into account the needs of students, including the fund of educational, methodological and scientific literature in the context of accredited educational programs.

Strengths/best practice in EP 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management: not identified.

VEC recommendations for EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management:

- OO on a systematic basis to ensure the sufficiency of material and technical resources and infrastructure, taking into account the needs of various groups of students;
- The management of the EP to ensure annually the sufficiency of the fund of educational, methodological and scientific literature in the context of the accredited EP.

Conclusions of the EEC according to the criteria:

According to the standard "Educational resources and student support systems" EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management have: 0 strong, 9 satisfactory positions.

6.9. Public Information Standard

✓ *The university guarantees that the published information is accurate, objective, up-to-date and reflects all the activities of the university within the framework of the educational program.*

✓ *Public awareness should include support and explanation of the national development programs of the country and the system of higher and postgraduate education.*

✓ *The management of the university should use a variety of ways to disseminate information (including the media, web resources, information networks, etc.) to inform the general public and interested parties.*

✓ *Information about the educational program is objective, up-to-date and should include:*

✓ *the purpose and planned results of the EP, the qualifications to be awarded;*

✓ *information and assessment system of educational achievements of students;*

✓ *information about academic mobility programs and other forms of cooperation with partner universities, employers;*

✓ *information about the opportunities for developing personal and professional competencies of students and employment;*

- ✓ *data reflecting the positioning of the EP in the market of educational services (at the regional, national, international levels).*
- ✓ *An important factor is the publication on open resources of reliable information about teaching staff, in the context of personalities.*
- ✓ *The university must publish audited financial statements for the EP on its own web resource.*
- ✓ *The university must post information and links to external resources based on the results of external evaluation procedures.*
- ✓ *An important factor is the placement of information about cooperation and interaction with partners, including scientific / consulting organizations, business partners, social partners and educational organizations.*

Evidence

At the time of the work of the EEC on the assessment of EP 8D11301 Transport Services, 7M04104 Executive MBA and 8D04102 Management, the main opportunities for informing the public and all interested parties about the activities of the university is the official website, which in turn is filled with all kinds of information on all areas of the university <https://satbayev.university/>.

On the university website in the institutes section, the portfolio of teaching staff is posted <https://satbayev.university/ru/institutes/project-management>

The university presents relatively diverse ways of disseminating information: the official website of the university, social networks Facebook (<https://www.facebook.com/KazPolytech/>), V Kontakte (<https://vk.com/satbayevuniversity>), Instagram (https://www.instagram.com/satbayev_university/), YouTube (<https://www.youtube.com/channel/UCzpfUBR-imEHB1hOX9tnKEg>) and others, where information about upcoming events at the university is announced and their implementation is covered.

The media activity of the university is assigned to the public relations center of NAO KazNITU named after K.I. Satbayev.

The information product focused on strengthening corporate ties and increasing the competitiveness of the university includes various forms of cooperation and interaction with the business environment, local authorities, the infrastructure of the educational services market, partner universities, etc. These are the information activities of the Alumni Association (<https://satbayev.university/ru/alumni>), round tables, forums, conferences, etc. (<https://satbayev.university/ru/research/innovations>); news and announcements (<https://satbayev.university/kk/news>), etc.

Analytical part

The management of the evaluated EPs uses various methods of disseminating information: the university website, university-based job fairs, an exhibition of achievements, social networks and career guidance work.

Within the framework assessed by the EP, the information is quite accurate and objective, but not always up-to-date, which indicates the lack of systematic monitoring and analysis of the content of the official website of the PA.

At the same time, the members of the EEC determined that there is no modern visualized information about employers, places of professional practice, employment of graduates with an indication of the place of work, the specifics of work on the website of the university, on the pages of the department. There is also no information on the possibilities for developing personal and professional competencies of students and employment directly for each of the implemented EPs.

It is necessary to update, on a systematic basis, objective information about teaching staff, their professional qualifications, and scientific and educational achievements.

When questioning students, the results were obtained that 82.9% were completely satisfied with informing the requirements in order to successfully graduate from this specialty, 2.4% were not satisfied, and 75.6% were satisfied with informing students about courses, educational programs, and academic degrees. , dissatisfied 2.4%.

Strengths/best practice in EP 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management: not identified.

VEC recommendations for EP 8D11301 Transport services, 7M04104 Executive MBA and 8D04102 Management:

- PAs need to update objective information about teaching staff, their professional qualifications, scientific and educational achievements on an ongoing basis.

According to EP 7M04104 Executive MBA

- By the beginning of the 2022-2023 academic year, update the information on the website regarding the educational program, its components, cost, goals, opportunities, material and technical equipment, subjects studied and other information necessary for the target audience to make an informed decision on admission to the program

- By the beginning of the 2022-2023 academic year, provide access to information about partners within the EP

- By early calendar year 2023, consider informing the public and stakeholders in ways that go beyond the website

Conclusions of the EEC according to the criteria:

According to the standard "Informing the public" EP 8D11301 Transport services and 8D04102 Management have: 0 strong, 10 satisfactory positions.

According to the standard "Informing the public" EP 7M04104 Executive MBA and has: 0 strong, 6 satisfactory positions and 4 positions requiring improvement.

OVERVIEW OF STRENGTHS/BEST PRACTICE FOR EACH STANDARD

Standard "Management of the educational program"

- the strength of the accredited EP 8D11301 Transport Services and 8D04102 Management is the presence of a published quality assurance policy that reflects the relationship between research, teaching and learning.

Information Management and Reporting Standard

Strengths/best practice in EP 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management: not identified.

Standard "Development and approval of the educational program"

- the strengths of the accredited EP 8D11301 Transport Services and 8D04102 Management are:

- OO defined and documented procedures for the development of EPs and their approval at the institutional level.

- compliance of the content of the EP with the established goals, including learning outcomes.

Standard "Continuous monitoring and periodic evaluation of educational programs"

Strengths/best practice in EP 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management: not identified.

Student-Centered Learning, Teaching and Assessment Standard

Strengths/best practice in EP 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management: not identified.

Standard "Students"

Strengths/best practice in EP 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management: not identified.

Standard "Teaching Staff"

Strengths/best practice in EP 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management: not identified.

Standard "Educational resources and student support systems"

Strengths/best practice in EP 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management: not identified.

Public Information Standard

Strengths/best practice in EP 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management: not identified.

OVERVIEW RECOMMENDATIONS FOR IMPROVING QUALITY

Standard "Management of the educational program"

VEC recommendations for 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management:

1. By the beginning of the academic year 2022-2023, the leadership of the EP to revise the Development Plan for the EP for the year, taking into account:
 - 1.1 The needs of students, the requirements of employers, professional standards;
 - 1.2 The internal quality assurance system of the EP including monitoring, fact-based decision making and risk management.
2. By the beginning of the 2022-2023 academic year, carry out the identification, analysis of the risks of the educational program and measures aimed at reducing the degree of risk. Based on the analysis, develop a long-term plan (for 5 years) to prevent and overcome risks.

Additional Recommendations for the Executive 7M04104 MBA Program

3. When revising the EP plan for the 2022-2023 academic year, identify the innovations used within the program, as well as innovation management methods.

Information Management and Reporting Standard

VEC recommendations for 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management:

- 1 The management of the EP needs to ensure the effectiveness of the communication mechanism with students and other stakeholders. In particular, for the Executive MBA program to develop a document indicating the decision-making mechanisms based on information received from students, teaching staff and other stakeholders
- 2 Develop a career guidance work plan for accredited EPs. Deadline: 2022-2023 academic year.

Standard "Development and approval of the educational program"

VEC recommendations for 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management:

1. The management of the EP is necessary to systematically review the content of the EP, taking into account market changes and the requirements of professional standards and the social

demand of society.

Additional recommendations of the EEC for EP 7M04104 Executive MBA:

2. By the beginning of the 2022-2023 academic year, conduct external reviews of the current content of the EP

3. By the beginning of the 2022-2023 academic year, fully document the procedure for developing the EP

4. by the beginning of the 2022-2023 academic year, ensure the involvement of stakeholders in the development of the EP and ensure its quality

Standard "Continuous monitoring and periodic evaluation of educational programs"

VEC recommendations for 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management:

1. Management of the EP on a systematic basis to monitor and periodically assess the quality of the EP.

Additionally, under the 7M04104 Executive MBA program:

2. By the beginning of the 2022-2023 academic year, develop and publish a mechanism for informing all stakeholders about any actions taken in relation to the EP

3. Timely publish all changes related to the EP, including on external resources, including the website

Student-Centered Learning, Teaching and Assessment Standard

VEC recommendations for 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management:

1. By the beginning of the 2022-2023 academic year, the leadership of the EP should provide for its own research in the development plan of the EP in the context of the methodology for teaching core disciplines, taking into account the specifics of the EP;

2. By the beginning of the 2022-2023 academic year, ensure the effectiveness of the procedure for responding to complaints and suggestions.

Standard "Students"

VEC recommendations for 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management:

1. By the beginning of the 2022-2023 academic year, the OO will provide organizational, methodological and managerial measures for the sustainable formation of a contingent of students in the context of accredited EPs;

2. By the beginning of the 2022-2023 academic year, the leadership of the EP will develop special adaptation and support programs for foreign students.

Additionally for Executive MBA program:

3. by the beginning of the 2022-2023 academic year, publish a policy for the formation of a contingent of students, which provides for both the recruitment of students / groups of students sent for training by employers, and students - independent applicants.

4. By the beginning of the 2022-2023 academic year, develop and publish a document that allows applicants to make a decision on admission to the EP based on the data published in it, including information about the life cycle of students.

Standard "Teaching Staff"

VEC recommendations for 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management:

1. The leadership of the EP to update the role of the teacher in the context of the successful implementation of student-centered learning through the involvement of each teacher in the development of a culture of quality.

Standard "Educational resources and student support systems"

VEC recommendations for 8D11301 Transportation Services, 7M04104 Executive MBA and 8D04102 Management:

1. OO on a systematic basis to ensure the sufficiency of material and technical resources and infrastructure, taking into account the needs of various groups of students;
2. The management of the EP to update annually the sufficiency of the fund of educational, methodological and scientific literature in the context of the accredited EP.

Public Information Standard

WEC recommendations for 8D11301 Tra Sports Services, 7M04104 Executive MBA and 8D04102 Management:

1. PAs need to update on an ongoing basis objective information about teaching staff, their professional qualifications, scientific and educational achievements.
Additionally according to EP 7M04104 Executive MBA
2. By the beginning of the 2022-2023 academic year, update the information on the website regarding the educational program, its components, cost, goals, opportunities, material and technical equipment, subjects studied and other information necessary for the target audience to make an informed decision on admission to the program
3. Provide access to information about partners within the EP
4. Consider informing the public and stakeholders in ways that go beyond the website

OVERVIEW OF RECOMMENDATIONS FOR THE DEVELOPMENT OF EDUCATIONAL ORGANIZATION

None

RECOMMENDATION TO THE ACCREDITATION BOARD

The external expert commission made a unanimous decision to recommend to the Accreditation Council educational programs 8D11301 Transport services, 8D04102 Management of the Non-profit Joint Stock Company "Kazakh National Research Technical University named after K.I. Satbayev" to accredit for a period of 5 (five) years, to accredit the educational program 7M04104 Executive MBA for a period of 3 (three) years.

Annex 1. Evaluation table "PARAMETERS OF THE SPECIALIZED PROFILE (EX-ANTE)"

**Conclusion of the external expert commission for quality assessment
educational program 8D11301 Transport services
Non-profit joint stock company "Kazakh National Research Technical University
named after K.I. Satbayev"**

№ п/п	№ п/п	Evaluation criteria	Position of the educational organization			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory

Standard "Management of the educational program"						
1	1.	The organization of higher and (or) postgraduate education must have a published quality assurance policy that reflects the relationship between research, teaching and learning	+			
2	2.	The organization of higher and (or) postgraduate education must demonstrate the development of a culture of quality assurance, including in the context of EP		+		
3	3.	Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including the implementation of joint/double-degree education and academic mobility		+		
4	4.	The EP management demonstrates transparency in the development of the EP development plan, containing the start dates for implementation, based on an analysis of its functioning, the actual positioning of the EP and the focus of its activities on meeting the needs of the state, employers, students and other stakeholders		+		
5	5.	The EP management demonstrates the existence of mechanisms for the formation and regular revision of the EP development plan and monitoring its implementation, assessing the achievement of learning goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the EP		+		
6	6.	The management of the EP should involve representatives of stakeholder groups, including employers, students and teaching staff in the formation of a development plan for the EP		+		
7	7.	The management of the EP must demonstrate the individuality and uniqueness of the EP development plan, its consistency with national priorities and the development strategy of the organization of higher and (or) postgraduate education		+		
8	8.	The organization of higher and (or) postgraduate education must demonstrate a clear definition of those responsible for business processes within the framework of the EP, an unambiguous distribution of staff duties, and delimitation of the functions of collegial bodies		+		
9	9.	The management of the EP must provide evidence of the transparency of the educational program management system		+		
10	10.	The management of the EP must demonstrate the existence of an internal quality assurance system for the EP, including its design, management and monitoring, their improvement, decision-making based on facts		+		
11	11.	The management of the EP must carry out risk management, including within the framework of the EP undergoing primary accreditation, and also demonstrate a system of measures aimed at reducing the degree of risk			+	
12	12.	The management of the EP should ensure the participation of representatives of employers, teaching staff, students and other interested parties in the collegiate management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program		+		

13	13.	The OO must demonstrate innovation management within the EP, including the analysis and implementation of innovative proposals			+	
14	14.	The management of the EP must demonstrate evidence of readiness for openness and accessibility for students, teaching staff, employers and other interested parties		+		
15	15.	The management of the EP must be trained in education management programs		+		
Total by standard			1	12	2	0
Information Management and Reporting Standard						
16	1.	The OO must demonstrate the existence of a system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software tools and that it uses a variety of methods to collect and analyze information in the context of the EP		+		
17	2.	The management of the EP must demonstrate the existence of a mechanism for the systematic use of processed, adequate information to improve the internal quality assurance system		+		
18	3.	The management of the EP must demonstrate fact-based decision making		+		
19	4.	Within the framework of the EP, a system of regular reporting should be provided, reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of the activities of departments and departments, scientific research		+		
20	5.	The PA should establish the frequency, forms and methods for assessing the management of the EP, the activities of collegial bodies and structural divisions, top management, and the implementation of scientific projects		+		
21	6.	The OO must demonstrate the determination of the procedure for and ensuring the protection of information, including the identification of persons responsible for the reliability and timeliness of the analysis of information and the provision of data		+		
22	7.	An important factor is the availability of mechanisms for involving students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them.		+		
23	8.	The management of the EP must demonstrate the existence of a mechanism for communication with students, employees and other stakeholders, as well as mechanisms for resolving conflicts		+		
24	9.	OO must demonstrate the availability of mechanisms for measuring the degree of satisfaction with the needs of teaching staff, staff and students within the framework of the EP		+		
25	10.	The PA should provide for an assessment of the effectiveness and efficiency of activities, including in the context of the EP		+		
		The information expected to be collected and analyzed within the framework of the EP should take into account:		+		
26	11.	key performance indicators		+		

27	12.	the dynamics of the contingent of students in the context of forms and types		+		
28	13.	academic performance, student achievement and dropout		+		
29	14.	satisfaction of students with the implementation of the EP and the quality of education at the university		+		
30	15.	availability of educational resources and support systems for students		+		
31	16.	The PA must confirm the implementation of the procedures for processing personal data of students, employees and teaching staff on the basis of their documented consent		+		
Total by standard			0	15	1	0
Standard "Development and approval of the educational program"						
32	1.	The OO must define and document the procedures for developing the EP and their approval at the institutional level.		+		
33	2.	The management of the EP should ensure that the content of the EP complies with the established goals, including the intended learning outcomes.		+		
34	3.	The management of the EP must demonstrate the existence of mechanisms for reviewing the content and structure of the EP, taking into account changes in the labor market, the requirements of employers and the social demand of society		+		
35	4.	The management of the EP should ensure the availability of developed models of the EP graduate that describe the learning outcomes and personal qualities		+		
36	5.	The management of the EP must demonstrate the conduct of external reviews of the content of the EP and the planned results of its implementation		+		
37	6.	The qualification awarded upon completion of the EP must be clearly defined and correspond to a certain level of the NSC and QF-EHEA		+		
38	7.	The EP management should determine the influence of disciplines and professional practices on the formation of learning outcomes		+		
30	8.	An important factor is the possibility of preparing students for professional certification		+		
40	9.	The management of the EP must provide evidence of the participation of students, teaching staff and other interested parties in the development of the EP, ensuring its quality		+		
41	10.	The management of the EP should ensure that the content of the academic disciplines and the planned results correspond to the level of education (bachelor's, master's, doctoral studies)		+		
42	11.	The structure of the EP should provide for various types of activities that ensure that students achieve the planned learning outcomes		+		
43	12.	An important factor is the correspondence between the content of the EP and the learning outcomes of the EP implemented by organizations of higher and (or) postgraduate education in the EHEA		+		
Total by standard			2	10	0	0
Standard "Continuous monitoring and periodic evaluation of educational programs"						

44	1.	The PA should determine the mechanisms for monitoring and periodically evaluating the EP to ensure the achievement of the goal and meeting the needs of students, society, and show the focus of the mechanisms on the continuous improvement of the EP		+		
		Monitoring and periodic evaluation of the EP should include:		+		
45	2.	the content of the program in the light of the latest achievements of science in a particular discipline to ensure the relevance of the discipline taught		+		
46	3.	changing needs of society and the professional environment		+		
47	4.	workload, performance and graduation of students		+		
48	5.	effectiveness of student assessment procedures		+		
49	6.	expectations, needs and satisfaction of students with EP training		+		
50	7.	educational environment and support services, and their compliance with the objectives of the EP		+		
51	8.	The management of the EP must demonstrate a systematic approach in monitoring and periodically assessing the quality of the EP		+		
52	9.	The OO, the management of the EP should determine a mechanism for informing all interested parties about any planned or taken actions in relation to the EP		+		
53	10.	All changes made to the EP must be published		+		
Total by standard			0	10	0	0
Student-Centered Learning, Teaching and Assessment Standard						
54	1.	The management of the EP should ensure respect and attention to various groups of students and their needs, provide them with flexible learning paths		+		
55	2.	The management of the EP should provide for the use of various forms and methods of teaching and learning		+		
56	3.	An important factor is the presence of own research in the field of teaching methods of academic disciplines of the EP		+		
57	4.	The management of the EP must demonstrate the existence of feedback mechanisms for the use of various teaching methods and the assessment of learning outcomes		+		
58	5.	The management of the EP must demonstrate the existence of mechanisms to support the autonomy of students with simultaneous guidance and assistance from the teacher		+		
59	6.	The management of the EP must demonstrate the existence of a procedure for responding to complaints from students			+	
60	7.	The OO must ensure the consistency, transparency and objectivity of the mechanism for evaluating learning outcomes for each SP, including appeal		+		
61	8.	The PA must ensure that the procedures for assessing the learning outcomes of students of the EP correspond to the planned results and goals of the program, the publication of criteria and assessment methods in advance		+		
62	9.	The PA should define the mechanisms to ensure the achievement of learning outcomes by each EP graduate and ensure the completeness of their formation.		+		

63	10.	Assessors must be familiar with modern methods for assessing learning outcomes and regularly improve their skills in this area.		+		
Total by standard			0	10	0	0
Standard "Students"						
64	1.	The PA must demonstrate the existence of a policy for the formation of a contingent of students in the context of the EP, ensure transparency and publicity of its procedures governing the life cycle of students (from admission to completion)			+	
		The management of the EP should determine the procedure for the formation of a contingent of students based on:		+		
65	2.	minimum requirements for applicants		+		
66	3.	maximum group size during seminars, practical, laboratory and studio classes		+		
67	4.	predicting the number of government grants		+		
68	5.	analysis of available material and technical, information resources, human resources		+		
69	6.	analysis of potential social conditions for students, incl. provision of places in the hostel		+		
70	7.	The management of the EP must demonstrate readiness to conduct special adaptation and support programs for newly enrolled and foreign students		+		
71	8.	The PA must demonstrate the compliance of its actions with the Lisbon Recognition Convention, the existence of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal learning		+		
72	9.	The PA should cooperate with other educational organizations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers" ENIC / NARIC in order to ensure comparable recognition of qualifications		+		
73	10.	The PA should provide an opportunity for external and internal mobility of students of the EP, as well as readiness to assist them in obtaining external grants for training		+		
74	11.	The management of the EP must demonstrate readiness to provide students with internship places, promote the employment of graduates, and maintain contact with them		+		
75	12.	The PA should provide for the possibility of providing graduates of the EP with documents confirming the qualifications received, including the achieved learning outcomes, as well as the context, content and status of the education received and evidence of its completion.		+		
Total by standard			0	11	1	0
Standard "Teaching Staff"						
76	1.	The PA must have an objective and transparent personnel policy, including in the context of the EP, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff		+		

77	2.	The PA must demonstrate the compliance of the staff potential of the teaching staff with the specifics of the EP		+		
78	3.	The management of the EP must demonstrate awareness of responsibility for its employees and provide favorable working conditions for them		+		
79	4.	The management of the EP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning			+	
80	5.	The PA must determine the contribution of the teaching staff of the EP to the implementation of the development strategy of the PA, and other strategic documents		+		
81	6.	The PA should provide opportunities for career growth and professional development of the teaching staff of the EP		+		
82	7.	The management of the EP must demonstrate readiness to involve practitioners in the relevant sectors of the economy in teaching		+		
83	8.	The PA must demonstrate the motivation for the professional and personal development of EP teachers, including encouragement for the integration of scientific activities and education, the use of innovative teaching methods		+		
84	9.	An important factor is the readiness to develop academic mobility within the framework of the EP, to attract the best foreign and domestic teachers		+		
Total by standard			0	8	1	0
Standard "Educational resources and student support systems"						
85	1.	The OO must guarantee a sufficient number of educational resources and student support services to ensure the achievement of the goal of the EP		+		
86	2.	The OO must demonstrate the sufficiency of material and technical resources and infrastructure, taking into account the needs of various groups of students in the context of the EP (adults, working, foreign students, as well as students with disabilities)		+		
87	3.	The management of the EP must demonstrate the existence of procedures for supporting various groups of students, including information and counseling		+		
		The EP management must demonstrate the compliance of information resources with the specifics of the EP, including:		+		
88	4.	technological support for students and teaching staff (for example, online learning, modeling, databases, data analysis programs)		+		
89	5.	library resources, including a fund of educational, methodical and scientific literature on general education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases		+		
90	6.	examination of the results of research, graduation works, dissertations for plagiarism		+		
91	7.	access to educational Internet resources		+		
92	8.	functioning of Wi-Fi on the territory of the educational organization		+		

93	9.	The OO demonstrates the planning of providing the EP with educational equipment and software similar to those used in the relevant sectors of the economy		+		
Total by standard			0	9	0	0
Public Information Standard						
		The PA must publish reliable, objective, up-to-date information about the educational program and its specifics, which should include:		+		
94	1.	expected learning outcomes of the educational program being implemented		+		
95	2.	qualification and (or) qualification that will be awarded upon completion of the educational program		+		
96	3.	approaches to teaching, learning, as well as a system (procedures, methods and forms) of assessment		+		
97	4.	information about passing scores and learning opportunities provided to students		+		
98	5.	information about employment opportunities for graduates		+		
99	6.	The management of the EP should provide for a variety of ways to disseminate information, including the media, information networks to inform the general public and stakeholders		+		
100	7.	Informing the public should include support and explanation of national development programs for the country and the system of higher and postgraduate education		+		
101	8.	OO must demonstrate the reflection on the web resource of information characterizing it as a whole and in the context of educational programs		+		
102	9.	An important factor is the availability of adequate and objective information about the teaching staff of the EP		+		
103	10.	An important factor is informing the public about cooperation and interaction with partners within the framework of the EP		+		
Total by standard			0	10	0	0
TOTAL			3	95	5	0

3 (2.9%) parameters have a "strong" position

95 (92.2%) parameters have a position of "satisfactory"

5 (4.9%) parameters have the position "suggests improvement"

0% of parameters have the position "suggests improvement"

Appendix 1.1

**Conclusion of the External Expert Commission for the Assessment of the Quality of the
Educational Program 7M04104 Executive MBA
Non-profit joint stock company "Kazakh National Research Technical University named after K.I.
Satbayev"**

№	№	Criteria for evaluation	Position of the educational organization
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			strong	Satisfactory	Assumes improvement	Unsatisfactory
Standard "Management of the educational program"						
1	1	The organization of higher and (or) postgraduate education must have a published quality assurance policy that reflects the relationship between research, teaching and learning		+		
2	2	The organization of higher and (or) postgraduate education must demonstrate the development of a culture of quality assurance, including in the context of EP		+		
3	3	Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including the implementation of joint/double-degree education and academic mobility		+		
4	4	The EP management demonstrates transparency in the development of the EP development plan, containing the start dates for implementation, based on an analysis of its functioning, the actual positioning of the EP and the focus of its activities on meeting the needs of the state, employers, students and other stakeholders			+	
5	5	The EP management demonstrates the existence of mechanisms for the formation and regular revision of the EP development plan and monitoring its implementation, assessing the achievement of learning goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the EP			+	
6	6	The management of the EP should involve representatives of stakeholder groups, including employers, students and teaching staff in the formation of a development plan for the EP		+		
7	7	The management of the EP must demonstrate the individuality and uniqueness of the EP development plan, its consistency with national priorities and the development strategy of the organization of higher and (or) postgraduate education		+		
8	8	The organization of higher and (or) postgraduate education must demonstrate a clear definition of those responsible for business processes within the framework of the EP, an unambiguous distribution of staff duties, and delimitation of the functions of collegial bodies		+		
9	9	The management of the EP must provide evidence of the transparency of the educational program management system		+		
10	10	The management of the EP must demonstrate the existence of an internal quality assurance system for the EP, including its design, management and monitoring, their improvement, decision-making based on facts		+		

11	11	The management of the EP must carry out risk management, including within the framework of the EP undergoing primary accreditation, and also demonstrate a system of measures aimed at reducing the degree of risk			+	
12	12	The management of the EP should ensure the participation of representatives of employers, teaching staff, students and other interested parties in the collegiate management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program			+	
13	13	The OO must demonstrate innovation management within the EP, including the analysis and implementation of innovative proposals			+	
14	14	The management of the EP must demonstrate evidence of readiness for openness and accessibility for students, teaching staff, employers and other interested parties		+		
15	15	The management of the EP must be trained in education management programs		+		
Total by standard			0	10	5	0
Information Management and Reporting Standard						
16	1	The OO must demonstrate the existence of a system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software tools and that it uses a variety of methods to collect and analyze information in the context of the EP		+		
17	2	The management of the EP must demonstrate the existence of a mechanism for the systematic use of processed, adequate information to improve the internal quality assurance system		+		
18	3	The management of the EP must demonstrate fact-based decision making		+		
19	4	Within the framework of the EP, a system of regular reporting should be provided, reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of the activities of departments and departments, scientific research		+		
20	5	The PA should establish the frequency, forms and methods for assessing the management of the EP, the activities of collegial bodies and structural divisions, top management, and the implementation of scientific projects		+		
21	6	The OO must demonstrate the determination of the procedure for and ensuring the protection of information, including the identification of persons responsible for the reliability and timeliness of the analysis of information and the provision of data		+		
22	7	An important factor is the availability of mechanisms for involving students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them.			+	

23	8	The management of the EP must demonstrate the existence of a mechanism for communication with students, employees and other stakeholders, as well as mechanisms for resolving conflicts		+		
24	9	OO must demonstrate the availability of mechanisms for measuring the degree of satisfaction with the needs of teaching staff, staff and students within the framework of the EP		+		
25	10.	The PA should provide for an assessment of the effectiveness and efficiency of activities, including in the context of the EP		+		
		The information expected to be collected and analyzed within the framework of the EP should take into account:				
26	11.	key performance indicators		+		
27	12.	the dynamics of the contingent of students in the context of forms and types		+		
28	13.	academic performance, student achievement and dropout		+		
29	14.	satisfaction of students with the implementation of the EP and the quality of education at the university		+		
30	15.	availability of educational resources and support systems for students		+		
31	16.	The PA must confirm the implementation of the procedures for processing personal data of students, employees and teaching staff on the basis of their documented consent		+		
Total by standard			0	15	1	0
Standard "Development and approval of the educational program"						
32	1	The OO must define and document the procedures for developing the EP and their approval at the institutional level.			+	
33	2	The management of the EP should ensure that the content of the EP complies with the established goals, including the intended learning outcomes.		+		
34	3	The management of the EP must demonstrate the existence of mechanisms for reviewing the content and structure of the EP, taking into account changes in the labor market, the requirements of employers and the social demand of society		+		
35	4	The management of the EP should ensure the availability of developed models of the EP graduate that describe the learning outcomes and personal qualities		+		
36	5	The management of the EP must demonstrate the conduct of external reviews of the content of the EP and the planned results of its implementation			+	
37	6	The qualification awarded upon completion of the EP must be clearly defined and correspond to a certain level of the NSC and QF-EHEA		+		
38	7	The EP management should determine the influence of disciplines and professional practices on the formation of learning outcomes		+		
30	8	An important factor is the possibility of preparing students for professional certification (n / a)				
40	9	The management of the EP must provide evidence of the participation of students, teaching staff and other interested parties in the development of the EP, ensuring its quality			+	

41	10	The management of the EP should ensure that the content of the academic disciplines and the planned results correspond to the level of education (bachelor's, master's, doctoral studies)		+		
42	11	The structure of the EP should provide for various types of activities that ensure that students achieve the planned learning outcomes		+		
43	12	An important factor is the correspondence between the content of the EP and the learning outcomes of the EP implemented by organizations of higher and (or) postgraduate education in the EHEA		+		
Total by standard			0	8	3	0
Standard "Continuous monitoring and periodic evaluation of educational programs"						
44	1	The PA should determine the mechanisms for monitoring and periodically evaluating the EP to ensure the achievement of the goal and meeting the needs of students, society, and show the focus of the mechanisms on the continuous improvement of the EP		+		
		Monitoring and periodic evaluation of the EP should include:				
45	2	the content of the program in the light of the latest achievements of science in a particular discipline to ensure the relevance of the discipline taught		+		
46	3	changing needs of society and the professional environment		+		
47	4	workload, performance and graduation of students		+		
48	5	effectiveness of student assessment procedures		+		
49	6	expectations, needs and satisfaction of students with EP training		+		
50	7	educational environment and support services, and their compliance with the objectives of the EP		+		
51	8	The management of the EP must demonstrate a systematic approach in monitoring and periodically assessing the quality of the EP		+		
52	9	The OO, the management of the EP should determine a mechanism for informing all interested parties about any planned or taken actions in relation to the EP			+	
53	10	All changes made to the EP must be published			+	
Total by standard			0	8	2	0
Student-Centered Learning, Teaching and Assessment Standard						
54	1	The management of the EP should ensure respect and attention to various groups of students and their needs, provide them with flexible learning paths		+		
55	2	The management of the EP should provide for the use of various forms and methods of teaching and learning		+		
56	3	An important factor is the presence of own research in the field of teaching methods of academic disciplines of the EP		+		
57	4	The management of the EP must demonstrate the existence of feedback mechanisms for the use of various teaching methods and the assessment of learning outcomes		+		

58	5	The management of the EP must demonstrate the existence of mechanisms to support the autonomy of students with simultaneous guidance and assistance from the teacher		+		
59	6	The management of the EP must demonstrate the existence of a procedure for responding to complaints from students		+		
60	7	The OO must ensure the consistency, transparency and objectivity of the mechanism for evaluating learning outcomes for each SP, including appeal		+		
61	8	The PA must ensure that the procedures for assessing the learning outcomes of students of the EP correspond to the planned results and goals of the program, the publication of criteria and assessment methods in advance		+		
62	9	The PA should define the mechanisms to ensure the achievement of learning outcomes by each EP graduate and ensure the completeness of their formation.		+		
63	10	Assessors must be familiar with modern methods for assessing learning outcomes and regularly improve their skills in this area.		+		
Total by standard			0	10	0	0
Standard "Students"						
64	1	The PA must demonstrate the existence of a policy for the formation of a contingent of students in the context of the EP, ensure transparency and publicity of its procedures governing the life cycle of students (from admission to completion)			+	
		The management of the EP should determine the procedure for the formation of a contingent of students based on:				
65	2	minimum requirements for applicants		+		
66	3	maximum group size during seminars, practical, laboratory and studio classes		+		
67	4	predicting the number of government grants		+		
68	5	analysis of available material and technical, information resources, human resources		+		
69	6	analysis of potential social conditions for students, incl. provision of places in the hostel		+		
70	7	The management of the EP must demonstrate readiness to conduct special adaptation and support programs for newly enrolled and foreign students		+		
71	8	The PA must demonstrate the compliance of its actions with the Lisbon Recognition Convention, the existence of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal learning		+		
72	9	The PA should cooperate with other educational organizations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers" ENIC / NARIC in order to ensure comparable recognition of qualifications		+		
73	10	The PA should provide an opportunity for external and internal mobility of students of the EP, as well as readiness to assist them in obtaining external grants for training		+		

74	11	The management of the EP must demonstrate readiness to provide students with internship places, promote the employment of graduates, and maintain contact with them		+		
75	12	The PA should provide for the possibility of providing graduates of the EP with documents confirming the qualifications received, including the achieved learning outcomes, as well as the context, content and status of the education received and evidence of its completion.		+		
Total by standard			0	11	1	0
Standard "Teaching Staff"						
76	1	The PA must have an objective and transparent personnel policy, including in the context of the EP, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff		+		
77	2	The PA must demonstrate the compliance of the staff potential of the teaching staff with the specifics of the EP		+		
78	3	The management of the EP must demonstrate awareness of responsibility for its employees and provide favorable working conditions for them		+		
79	4	The management of the EP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning			+	
80	5	The PA must determine the contribution of the teaching staff of the EP to the implementation of the development strategy of the PA, and other strategic documents		+		
81	6	The PA should provide opportunities for career growth and professional development of the teaching staff of the EP		+		
82	7	The management of the EP must demonstrate readiness to involve practitioners in the relevant sectors of the economy in teaching		+		
83	8	The PA must demonstrate the motivation for the professional and personal development of EP teachers, including encouragement for the integration of scientific activities and education, the use of innovative teaching methods		+		
84	9	An important factor is the readiness to develop academic mobility within the framework of the EP, to attract the best foreign and domestic teachers		+		
Total by standard			0	8	1	0
Standard "Educational resources and student support systems"						
85	1.	The OO must guarantee a sufficient number of educational resources and student support services to ensure the achievement of the goal of the EP		+		
86	2.	The OO must demonstrate the sufficiency of material and technical resources and infrastructure, taking into account the needs of various groups of students in the context of the EP (adults, working, foreign students, as well as students with disabilities)		+		
87	3.	The management of the EP must demonstrate the existence of procedures for supporting various groups of students, including information and counseling		+		

		The EP management must demonstrate the compliance of information resources with the specifics of the EP, including:				
88	4.	technological support for students and teaching staff (for example, online learning, modeling, databases, data analysis programs)		+		
89	5.	library resources, including a fund of educational, methodical and scientific literature on general education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases		+		
90	6.	examination of the results of research, graduation works, dissertations for plagiarism		+		
91	7.	access to educational Internet resources		+		
92	8.	functioning of Wi-Fi on the territory of the educational organization		+		
93	9.	The OO demonstrates the planning of providing the EP with educational equipment and software similar to those used in the relevant sectors of the economy		+		
Total by standard			0	9	0	0
Public Information Standard						
		The PA must publish reliable, objective, up-to-date information about the educational program and its specifics, which should include:		+		
94	1.	expected learning outcomes of the educational program being implemented		+		
95	2.	qualification and (or) qualification that will be awarded upon completion of the educational program		+		
96	3.	approaches to teaching, learning, as well as a system (procedures, methods and forms) of assessment		+		
97	4.	information about passing scores and learning opportunities provided to students		+		
98	5.	information about employment opportunities for graduates				
99	6.	The management of the EP should provide for a variety of ways to disseminate information, including the media, information networks to inform the general public and interested parties			+	
100	7.	Informing the public should include support and explanation of the national development programs of the country and the system of higher and postgraduate education		+		
101	8.	OO must demonstrate the reflection on the web resource of information that characterizes it as a whole and in the context of educational programs			+	
102	9.	An important factor is the availability of adequate and objective information about the teaching staff of the EP			+	
103	10.	An important factor is informing the public about cooperation and interaction with partners within the framework of the EP			+	
Total by standard			0	6	4	0
TOTAL			0	85	17	0

0% of the parameters are in the "strong" position

85 (83.5%) parameters have a position of "satisfactory"

17 (16.5) % of the parameters have the position "suggests improvement"

0% of parameters have the position "suggests improvement"

Appendix 1.2

**Conclusion of the External Expert Commission for the Assessment of the Quality of the
Educational Program
8D04102 Management
Non-profit joint stock company "Kazakh National Research Technical University named after K.I.
Satbayev"**

№ п/п	№ п/п	Criteria for evaluation	Position of the educational organization			
			strong	Satisfactory	Assumes improvement	Unsatisfactory
Standard "Management of the educational program"						
1	1	The organization of higher and (or) postgraduate education must have a published quality assurance policy that reflects the relationship between research, teaching and learning	+			
2	2	The organization of higher and (or) postgraduate education must demonstrate the development of a culture of quality assurance, including in the context of EP		+		
3	3	Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including the implementation of joint/double-degree education and academic mobility		+		
4	4	The EP management demonstrates transparency in the development of the EP development plan, containing the start dates for implementation, based on an analysis of its functioning, the actual positioning of the EP and the focus of its activities on meeting the needs of the state, employers, students and other stakeholders		+		
5	5	The EP management demonstrates the existence of mechanisms for the formation and regular revision of the EP development plan and monitoring its implementation, assessing the achievement of learning goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the EP		+		
6	6	The management of the EP should involve representatives of stakeholder groups, including employers, students and teaching staff in the formation of a development plan for the EP		+		
7	7	The management of the EP must demonstrate the individuality and uniqueness of the EP development plan, its consistency with national priorities and the development strategy of the organization of higher and (or) postgraduate education		+		

8	8	The organization of higher and (or) postgraduate education must demonstrate a clear definition of those responsible for business processes within the framework of the EP, an unambiguous distribution of staff duties, and delimitation of the functions of collegial bodies		+		
9	9	The management of the EP must provide evidence of the transparency of the educational program management system		+		
10	10	The management of the EP must demonstrate the existence of an internal quality assurance system for the EP, including its design, management and monitoring, their improvement, decision-making based on facts		+		
11	11	The management of the EP must carry out risk management, including within the framework of the EP undergoing primary accreditation, and also demonstrate a system of measures aimed at reducing the degree of risk			+	
12	12	The management of the EP should ensure the participation of representatives of employers, teaching staff, students and other interested parties in the collegiate management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program		+		
13	13	The OO must demonstrate innovation management within the EP, including the analysis and implementation of innovative proposals		+		
14	14	The management of the EP must demonstrate evidence of readiness for openness and accessibility for students, teaching staff, employers and other interested parties		+		
15	15	The management of the EP must be trained in education management programs		+		
Total by standard			1	13	1	0
Information Management and Reporting Standard						
16	1	The OO must demonstrate the existence of a system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software tools and that it uses a variety of methods to collect and analyze information in the context of the EP		+		
17	2	The management of the EP must demonstrate the existence of a mechanism for the systematic use of processed, adequate information to improve the internal quality assurance system		+		
18	3	The management of the EP must demonstrate fact-based decision making		+		
19	4	Within the framework of the EP, a system of regular reporting should be provided, reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of the activities of departments and departments, scientific research		+		
20	5	The PA should establish the frequency, forms and methods for assessing the management of the EP, the activities of collegial bodies and structural divisions, top management, and the implementation of scientific projects		+		

21	6	The OO must demonstrate the determination of the procedure for and ensuring the protection of information, including the identification of persons responsible for the reliability and timeliness of the analysis of information and the provision of data		+		
22	7	An important factor is the availability of mechanisms for involving students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them.		+		
23	8	The management of the EP must demonstrate the existence of a mechanism for communication with students, employees and other stakeholders, as well as mechanisms for resolving conflicts		+		
24	9	OO must demonstrate the availability of mechanisms for measuring the degree of satisfaction with the needs of teaching staff, staff and students within the framework of the EP		+		
25	10.	The PA should provide for an assessment of the effectiveness and efficiency of activities, including in the context of the EP		+		
		The information expected to be collected and analyzed within the framework of the EP should take into account:		+		
26	11.	key performance indicators		+		
27	12.	the dynamics of the contingent of students in the context of forms and types			+	
28	13.	academic performance, student achievement and dropout		+		
29	14.	satisfaction of students with the implementation of the EP and the quality of education at the university		+		
30	15.	availability of educational resources and support systems for students		+		
31	16.	The PA must confirm the implementation of the procedures for processing personal data of students, employees and teaching staff on the basis of their documented consent		+		
Total by standard			0	15	1	0
Standard "Development and approval of the educational program"						
32	1	The OO must define and document the procedures for developing the EP and their approval at the institutional level.	+			
33	2	The management of the EP should ensure that the content of the EP complies with the established goals, including the intended learning outcomes.		+		
34	3	The management of the EP must demonstrate the existence of mechanisms for reviewing the content and structure of the EP, taking into account changes in the labor market, the requirements of employers and the social demand of society		+		
35	4	The management of the EP should ensure the availability of developed models of the EP graduate that describe the learning outcomes and personal qualities		+		
36	5	The management of the EP must demonstrate the conduct of external reviews of the content of the EP and the planned results of its implementation		+		

37	6	The qualification awarded upon completion of the EP must be clearly defined and correspond to a certain level of the NSC and QF-EHEA		+		
38	7	The EP management should determine the influence of disciplines and professional practices on the formation of learning outcomes		+		
30	8	An important factor is the possibility of preparing students for professional certification		+		
40	9	The management of the EP must provide evidence of the participation of students, teaching staff and other interested parties in the development of the EP, ensuring its quality		+		
41	10	The management of the EP should ensure that the content of the academic disciplines and the planned results correspond to the level of education (bachelor's, master's, doctoral studies)		+		
42	11	The structure of the EP should provide for various types of activities that ensure that students achieve the planned learning outcomes		+		
43	12	An important factor is the correspondence between the content of the EP and the learning outcomes of the EP implemented by organizations of higher and (or) postgraduate education in the EHEA		+		
Total by standard			1	11	0	0
Standard "Continuous monitoring and periodic evaluation of educational programs"						
44	1	The PA should determine the mechanisms for monitoring and periodically evaluating the EP to ensure the achievement of the goal and meeting the needs of students, society, and show the focus of the mechanisms on the continuous improvement of the EP		+		
		Monitoring and periodic evaluation of the EP should include:		+		
45	2	the content of the program in the light of the latest achievements of science in a particular discipline to ensure the relevance of the discipline taught		+		
46	3	changing needs of society and the professional environment		+		
47	4	workload, performance and graduation of students		+		
48	5	effectiveness of student assessment procedures		+		
49	6	expectations, needs and satisfaction of students with EP training		+		
50	7	educational environment and support services, and their compliance with the objectives of the EP		+		
51	8	The management of the EP must demonstrate a systematic approach in monitoring and periodically assessing the quality of the EP		+		
52	9	The OO, the management of the EP should determine a mechanism for informing all interested parties about any planned or taken actions in relation to the EP		+		
53	10	All changes made to the EP must be published		+		
Total by standard			0	10	0	0
Student-Centered Learning, Teaching and Assessment Standard						

54	1	The management of the EP should ensure respect and attention to various groups of students and their needs, provide them with flexible learning paths		+		
55	2	The management of the EP should provide for the use of various forms and methods of teaching and learning		+		
56	3	An important factor is the presence of own research in the field of teaching methods of academic disciplines of the EP		+		
57	4	The management of the EP must demonstrate the existence of feedback mechanisms for the use of various teaching methods and the assessment of learning outcomes		+		
58	5	The management of the EP must demonstrate the existence of mechanisms to support the autonomy of students with simultaneous guidance and assistance from the teacher		+		
59	6	The management of the EP must demonstrate the existence of a procedure for responding to complaints from students			+	
60	7	The OO must ensure the consistency, transparency and objectivity of the mechanism for evaluating learning outcomes for each SP, including appeal		+		
61	8	The PA must ensure that the procedures for assessing the learning outcomes of students of the EP correspond to the planned results and goals of the program, the publication of criteria and assessment methods in advance		+		
62	9	The PA should define the mechanisms to ensure the achievement of learning outcomes by each EP graduate and ensure the completeness of their formation.		+		
63	10	Assessors must be familiar with modern methods for assessing learning outcomes and regularly improve their skills in this area.		+		
Total by standard			0	9	1	0
Standard "Students"						
64	1	The PA must demonstrate the existence of a policy for the formation of a contingent of students in the context of the EP, ensure transparency and publicity of its procedures governing the life cycle of students (from admission to completion)			+	
		The management of the EP should determine the procedure for the formation of a contingent of students based on:		+		
65	2	minimum requirements for applicants		+		
66	3	maximum group size during seminars, practical, laboratory and studio classes		+		
67	4	predicting the number of government grants		+		
68	5	analysis of available material and technical, information resources, human resources		+		
69	6	analysis of potential social conditions for students, incl. provision of places in the hostel		+		
70	7	The management of the EP must demonstrate readiness to conduct special adaptation and support programs for newly enrolled and foreign students		+		

71	8	The PA must demonstrate the compliance of its actions with the Lisbon Recognition Convention, the existence of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal learning		+		
72	9	The PA should cooperate with other educational organizations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers" ENIC / NARIC in order to ensure comparable recognition of qualifications		+		
73	10	The PA should provide an opportunity for external and internal mobility of students of the EP, as well as readiness to assist them in obtaining external grants for training		+		
74	11	The management of the EP must demonstrate readiness to provide students with internship places, promote the employment of graduates, and maintain contact with them		+		
75	12	The PA should provide for the possibility of providing graduates of the EP with documents confirming the qualifications received, including the achieved learning outcomes, as well as the context, content and status of the education received and evidence of its completion.		+		
Total by standard			0	11	1	0
Standard "Teaching Staff"						
76	1	The PA must have an objective and transparent personnel policy, including in the context of the EP, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff		+		
77	2	The PA must demonstrate the compliance of the staff potential of the teaching staff with the specifics of the EP		+		
78	3	The management of the EP must demonstrate awareness of responsibility for its employees and provide favorable working conditions for them		+		
79	4	The management of the EP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning			+	
80	5	The PA must determine the contribution of the teaching staff of the EP to the implementation of the development strategy of the PA, and other strategic documents		+		
81	6	The PA should provide opportunities for career growth and professional development of the teaching staff of the EP		+		
82	7	The management of the EP must demonstrate readiness to involve practitioners in the relevant sectors of the economy in teaching		+		
83	8	The PA must demonstrate the motivation for the professional and personal development of EP teachers, including encouragement for the integration of scientific activities and education, the use of innovative teaching methods		+		

84	9	An important factor is the readiness to develop academic mobility within the framework of the EP, to attract the best foreign and domestic teachers		+		
Total by standard			0	8	1	0
Standard "Educational resources and student support systems"						
85	1.	The OO must guarantee a sufficient number of educational resources and student support services to ensure the achievement of the goal of the EP		+		
86	2.	The OO must demonstrate the sufficiency of material and technical resources and infrastructure, taking into account the needs of various groups of students in the context of the EP (adults, working, foreign students, as well as students with disabilities)		+		
87	3.	The management of the EP must demonstrate the existence of procedures for supporting various groups of students, including information and counseling		+		
		The EP management must demonstrate the compliance of information resources with the specifics of the EP, including:		+		
88	4.	technological support for students and teaching staff (for example, online learning, modeling, databases, data analysis programs)		+		
89	5.	library resources, including a fund of educational, methodical and scientific literature on general education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases		+		
90	6.	examination of the results of research, graduation works, dissertations for plagiarism		+		
91	7.	access to educational Internet resources		+		
92	8.	functioning of Wi-Fi on the territory of the educational organization		+		
93	9.	The OO demonstrates the planning of providing the EP with educational equipment and software similar to those used in the relevant sectors of the economy		+		
Total by standard			0	9	0	0
Public Information Standard						
		The PA must publish reliable, objective, up-to-date information about the educational program and its specifics, which should include:				
94	1.	expected learning outcomes of the educational program being implemented		+		
95	2.	qualification and (or) qualification that will be awarded upon completion of the educational program		+		
96	3.	approaches to teaching, learning, as well as a system (procedures, methods and forms) of assessment		+		
97	4.	information about passing scores and learning opportunities provided to students		+		
98	5.	information about employment opportunities for graduates		+		
99	6.	The management of the EP should provide for a variety of ways to disseminate information, including the media, information networks to inform the general public and interested parties		+		

100	7.	Informing the public should include support and explanation of the national development programs of the country and the system of higher and postgraduate education		+		
101	8.	OO must demonstrate the reflection on the web resource of information that characterizes it as a whole and in the context of educational programs		+		
102	9.	An important factor is the availability of adequate and objective information about the teaching staff of the EP		+		
103	10.	An important factor is informing the public about cooperation and interaction with partners within the framework of the EP		+		
Total by standard			0	10	0	0
TOTAL			2	96	5	0

2 (1.9%) % of the parameters have a position of "*strong*"
 96 (93.3%) parameters have a position of "*satisfactory*"
 5 (4.8%) parameters have the position "*suggests improvement*"
 0% of parameters have the position "*suggests improvement*"

