



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

on the results of the work of the external expert evaluation committee for compliance with the requirements of the standards for specialized accreditation of
6B05102 Biotechnology 6B08102 Plant protection and quarantine
7M08201 Technology of production of livestock products
(6M080200 Technology of production of livestock products)
7M08101 Agronomy (6M080100 Agronomy)
educational programs

MANASH KOZYBAYEV NORTH KAZAKHSTAN UNIVERSITY
During the period from November 9 to 11, 2020

INDEPENDENT ACCREDITATION AND RATING AGENCY
External expert commission

**Addressed
to Accreditation
the IAAR Council**



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(I) LIST OF SYMBOLS AND ABBREVIATIONS

AC - Academic Calendar
AIS - Automatic Information System
BD - Basic disciplines
CED - Catalogue of elective disciplines
CT - Complex testing
DET - Distance Education Technologies
DP/DW - Diploma project/diploma work
ECTS - European Credit Transfers and Accumulation System
EELA - External evaluation of learning achievements
EP - Educational programmes
ESG - Standards and guidelines for quality assurance in the European Higher Education Area
EW - Educational work
FC - Final Control
FSC - Final state certification
GED - General education disciplines
HAC - Higher Attestation Commission
HEI - Higher education institution
ICT - Information and communication technologies
ILP - Individual learning plan
IWMS - Independent work of Master's students
IWST - Independent work of students with a teacher
IWT - Independent work of trainees
MC - Mandatory component
MC - Model Curriculum
MEP - Modular educational programmes
MES RK - Ministry of Education and Science of the Republic of Kazakhstan
NKSU - M.Kozybayev North-Kazakhstan State University
OC - Option Component
OTP - Operational Training Plan
PD - Profiling disciplines
PTS - Professorial and teaching staff
QMS - Quality Management System
Rc - Rouge control
RDWS - Research and development work by students
RK - Republic of Kazakhstan
RW - Research work
RWMS - Research work of Master's students
SAC - State Attestation Commission
SESO - State compulsory standard of education
TMC - Training and methodological complex
TMC - Training and Methodological Council
TMCD - Training and methodological complex of the discipline
TMCS - Training and methodological complex of the specialty
UNT - Unified national testing

(II) INTRODUCTION

In accordance with order No. 99-20-OD dated 20.10.2020 of the Independent Agency for Accreditation and Rating, from 09 to 11 November 2020, an external expert commission assessed the compliance of the educational programs Translation Studies EP 6B02303 (5B020700) NJSC "M. Kozybayev North Kazakhstan University" (M. Kozybayev NKU) (Petropavlovsk) to the standards of specialized accreditation of the IAAR (No. 10-17-OD dated February 24, 2017, fifth edition).

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

The EEC list:

1. **Chairman of the IAAR Commission** – Shcherbina Alexey Vladimirovich, Candidate of Economic Sciences, Doctor of Philosophy, Associate Professor, Federal State Autonomous Educational Institution of Higher Education "Southern Federal University" (SFedU) (Rostov-on-Don, RF)
2. **IAAR Foreign expert** - Kostelova Larisa Dmitrievna, Candidate of Pedagogical Sciences, member of the Guild of Experts in the Field of Professional Education (Novokuznetsk, RF);
3. **IAAR Foreign expert** – Bazikov Alexander Sergeevich, Honored Art Worker of the Russian Federation, Doctor of Pedagogical Sciences, Professor, Gnessin Russian Academy of Music (Russian Federation, Moscow);
4. **IAAR Foreign expert** – Sousana Michailidou, Vice-Rector for Academic Affairs, Professor at Webster University in Athens, Vice-President of the European-Mediterranean Academy of Arts and Sciences (Greece);
5. **IAAR Foreign expert** – Markova Valentina Aleksandrovna, Candidate of Pharmaceutical Sciences, Associate Professor, St. Petersburg State Chemical and Pharmaceutical University of the Ministry of Health of Russia (St. Petersburg, Russian Federation);
6. **IAAR expert** – Lebedeva Larisa Anatolyevna, Candidate of Pedagogical Sciences, Associate Professor, Kazakh National Pedagogical University named after Abay (Almaty);
7. **IAAR expert** - Kegenbekov Zhandos Kadyrkhanovich, Candidate of Technical Sciences, Associate Professor, Kazakh-German University (Almaty);
8. **IAAR expert** – Aldungarova Aliya Kairatovna, Doctor PhD, Associate Professor, NJSC "Toraigyrov University" (Pavlodar);
9. **IAAR expert** – Kudabayeva Aigul Kaldybekovna, Candidate of Technical Sciences, Associate Professor, Taraz Regional University named after M.Kh. Dulati (Taraz);
10. **IAAR expert** – Omarov Rustem Tukenovich, Candidate of Biological Sciences, PhD, Eurasian National University named after L. N. Gumilyov (Nur-Sultan);
11. **IAAR expert** – Madiyeva Galiya Bayanzhanovna, Candidate of Pedagogical Sciences, Associate Professor, al-Farabi Kazakh National University (Almaty);
12. **IAAR expert** – Abenova Elena Anatolyevna, Candidate of Pedagogical Sciences, Associate Professor, Narxoz University (Almaty);
13. **IAAR expert** – Zakirova Dilnara Ikramkhanova, PhD, "Turan" University (Almaty);
14. **IAAR expert** – Akybaeva Gulvira Sovetbekovna Candidate of Economic Sciences, Astana IT University (Nur-Sultan);
15. **IAAR expert** – Galiakbarova Guzal Gazinurovna, PhD, Eurasian National University named after L. N. Gumilyov (Nur-Sultan);
16. **IAAR expert** – Zhumabekov Meiram Kenesovich, Candidate of philological sciences, Associate Professor, Karaganda University named after academician E.A. Buketov (Karaganda);
17. **IAAR expert** – Burbekova Saule Zhorabekovna, Candidate of philological sciences, Associate Professor, Astana IT University (Nur-Sultan);

18. **IAAR expert** – Niyazova Raigul Esengeldievna, Candidate of Biological Sciences, al-Farabi Kazakh National University (Almaty);
19. **IAAR expert** – Kulzhumieva Aiman Amangeldinovna, Candidate of Physical and Mathematical Sciences, West Kazakhstan University named after Makhambet Utemisov (Uralsk);
20. **IAAR expert** – Khamraev Sheripidin Itakhunovich, Candidate of Technical Sciences, Professor, Kazakh National Pedagogical University named after Abay (Almaty);
21. **IAAR expert** – Gabdulina Ainur Zhumagazyevna, Candidate of Historical Sciences, Acting Associate Professor, Kazakh Agro Technical University named after S. Seifullin (Nur-Sultan);
22. **IAAR expert** – Isaeva Kuralai Smetkanovna, Candidate of Technical Sciences, "Toraigyrov University" NJSC (Pavlodar);
23. **IAAR expert** – Tautenov Ibadulla Aigalievich, Doctor of Agricultural Sciences, Professor, Kyzylorda University named after Korkyt Ata (Kyzylorda);
24. **IAAR expert** – Nurgazy Kuat Shaipollauly, Doctor of Agricultural Sciences, Professor, Kazakh National Agrarian University (Almaty);
25. **IAAR expert** – Stybaev Gani Zhasymbekovich, Candidate of Agricultural Sciences, Professor, Kazakh Agro Technical University named after S. Seifullin (Nur-Sultan);
26. **IAAR expert** – Omarkulov Bauyrzhan Kadenovich, Candidate of Medical Sciences, Associate Professor, "Medical University of Karaganda" NJSC (Karaganda, Republic of Kazakhstan);
27. **IAAR Employer** – Pilipenko Yuri Aleksandrovich, Chairman of the Board of Directors, International Association of Producers of Goods and Services "EXPOBEST" (Almaty);
28. **IAAR Employer** – Rezov Mikhail Grigorievich, Chief Specialist of the Department for Support of the Electronic Document Management System, "National Information Technologies" JSC (Nur-Sultan);
29. **IAAR student** – Rakhimova Aziza Zhomartovna, 4th year student of the "Construction" EP, Karaganda Technical University (Karaganda);
30. **IAAR student** – Bobkova Svetlana Sergeevna, 4th year student of the "Finance" EP, Kostanay Regional University named after A. Baitursynov (Kostanay);
31. **IAAR student** – Almukhanov Ablaykhan Kabdrashitovich, member of the Alliance of Students of Kazakhstan, 4th year student of the "Agronomy" EP, Kokshetau University named after Sh. Ualikhanov (Kokshetau);
32. **IAAR Agency Observer** – Kanapyanov Timur Erbolatovich, PhD, Head of International Projects and Public Relations of the IAAR (Nur-Sultan).

(III) REPRESENTATION OF THE EDUCATION ORGANIZATION

Manash Kozybayev North Kazakhstan University is one of the oldest educational institutions of the Republic of Kazakhstan with an 83-year history, which was formed by the Resolution of the Cabinet of Ministers of the Republic of Kazakhstan dated 02.06.1994 No. 584 on the basis of the Petropavlovsk Pedagogical Institute named after K.D. Ushinsky, leading history since 1937. In the formation, development of one of the oldest educational institutions in the country, the following stages can be distinguished:

- 1937 - The opening of the Petropavlovsk Teachers' Institute on the basis of the resolution of the Council of People's Commissars of the Kazakh SSR dated March 19, 1937, due to the tasks of further developing the education system in the region. According to the order of the People's Commissariat of Education of the Kazakh SSR No. 835 of July 25, 1937, classes began on September 1, 1937 at two faculties: natural-geographical and historical.
- 1938 - Opening of the extramural department of the Petropavlovsk Teachers' Institute.
- 1939 - The Petropavlovsk Teachers' Institute was awarded the status of a state.

- 1945 - The Petropavlovsk State Teachers' Institute was named after K.D. Ushinsky, the great teacher of the 19th century.
- 1955 - Reorganization of the Petropavlovsk State Teachers' Institute into the Petropavlovsk Pedagogical Institute.
- 1978 - Reorganization of the Petropavlovsk General Technical Faculty of the Ural Polytechnic Institute into the General Technical Faculty of the Karaganda Order of the Red Banner of Labor of the Polytechnic Institute with evening and extramural courses.
- 1982 - Formation of the Petropavlovsk branch of the Karaganda Polytechnic Institute.
- 1994 - Opening of the Higher Technical College on the basis of the Petropavlovsk branch of the Karaganda Polytechnic Institute.
- 1994 - Opening North Kazakhstan University on the basis of the Petropavlovsk Pedagogical Institute.
- 1996 - Consolidation of North Kazakhstan University and the Higher Technical College into a single higher educational institution - North Kazakhstan University.
- 2001 - By the Resolution of the Government of the Republic of Kazakhstan No. 163 dated January 31, 2001, North Kazakhstan University was awarded the status of a state university.
- 2003 - By the Resolution of the Government of the Republic of Kazakhstan No. 497 dated May 30, 2003, North Kazakhstan State University was named after Academician Manash Kozybayev.
- 2005 - Certification of the quality management system of the university for compliance with the requirements of ISO 9001: 2000.
- 2012 - Reorganization into the Republican State Enterprise on the right of economic management "North Kazakhstan State University named after Manash Kozybayev" of the Ministry of Education and Science of the Republic of Kazakhstan.

University mission: to be an intellectual center of education, science and culture, a driver of socio-economic development of Northern Kazakhstan.

University participation in rating programs:

M. Kozybayev NKU annually participates in the IQAA-Ranking, in the IQAA-Ranking of websites - according to the IQAA-Ranking in 2020, the university website entered the top 10 best websites and took the 6th place. At the same time, the site took the 4th place in terms of content and the 5th place in terms of the number of web pages. In addition, since 2018 M. Kozybayev NKU participates in the rating of "Atameken" RPE RK (36 EPs took 1,2,3 places). The university also takes part in the rating of the Independent Agency for Accreditation and Rating (IAAR), as a result of which 36 programs took 1,2,3 places.

The university participates in the QS Ranking, QS Emerging Europe and Central Asia (2020 - 301-350th place), in the international Webometrics ranking (2020 - 33rd place), In the ranking of higher educational institutions, the European Standard (ARES), which formed by the European Scientific and Industrial Chamber according to the standards of the European Union (2020 - 15th place (A)).

University awards

- European Quality Award, European Business Assembly, 2006;
- Diploma for participation in the quality award "Altyn Sapa 2007", Government of the Republic of Kazakhstan, 2007;
- National certificate "Industry Leader 2013", MES RK, 2013;
- Certificate of honor "For achievements in improving product quality and the degree of satisfaction of requests", Committee for Technical Regulation and Metrology of the Ministry of Investment and Development of the Republic of Kazakhstan, 2016

The Structure and EP of the university:

According to the university website at M. Kozybayev NKU, recruitment was carried out for 57 educational bachelor's programs, 40 master's programs and 7 doctoral programs (<https://www.nkzu.kz/page/view?id=69>) in 2020-2021.

Today, there are 6 faculties in the university: "Mathematics and Natural Sciences", "History, Economics and Law", "Engineering and Digital Technologies", "Pedagogical", "Agrotechnological", "Foundation", as well as the Higher School of Medicine, the Institute of Language and literature, which includes 29 departments (<https://www.nkzu.kz/page/view?id=78>).

Library resources. Subdivisions of the library are located in four educational buildings of the university and occupy an area of 2293 m². The service system includes 5 reading rooms, a hall of the First President of the Republic of Kazakhstan, an electronic reading room, a catalog hall, a hall of rare and valuable literature, an information and bibliographic hall (335 seats), 7 subscriptions. The library is equipped with the necessary telecommunication equipment, communication facilities, the number of computer equipment totals 125 units, of which 93 are automated user workstations, have free access to the Internet. The library fund of the university totals as of 01.01.2020 - 1046552 copies, of which scientific literature - 101394 copies, educational - 871000 copies, fiction - 42035 copies, in foreign languages - 27770, on CD-carriers - 4353. The catalog contains 261315 bibliographic records. Taking into account the needs of students and teaching staff in relevant scientific publications of periodicals, 165 titles of magazines and newspapers were subscribed for the 1st half of 2020, of which 39 magazines in the Kazakh language, 28 newspapers - 10 titles, 5 magazines in a foreign language.

The contingent of the university students as of 01.11.2020. The contingent of full-time students as of November 01, 2020 is only 5564 people, of which: on the basis of a state educational grant - 3642. Distance learning students - 1161, evening form of study at the university in accredited EP is not carried out. Undergraduates - 321, of which 226 under government orders, 42 for doctoral students.

The university staff. The total number of full-time teachers at the university as of 01.11.2020 is 429 people, of which 9 are doctors of sciences, 119 candidates of sciences, 17 PhDs, 249 masters. The average age of teaching staff at the university is 45 years. Academic degree holders rate is 33.7%.

The contingent of the accredited EP students as of November 01, 2020 is:

- **6B05102 Biotechnology** - 24 students, including 13 in the state language, of which: on the basis of a state educational grant - 18 people, on a commercial basis - 6, full-time education.

- **6B08102 Plant protection and quarantine** - 26 students, including 15 in the state language, of which: on the basis of a state educational grant - 26 people, full-time education of students;

- **7M08201 Technology of production of livestock products (6M080200 Technology of the production of livestock products)** - 6 undergraduates, training in Russian, of which: on the basis of a state educational grant - 4 people, on a commercial basis - 2, full-time education.

- **7M08101 Agronomy (6M080100 Agronomy)** - 8 undergraduates, of which: on the basis of a state educational grant - 3 people, on a commercial basis - 5, training in Russian.

At present, the preparation of bachelors and masters in all EP is carried out on the basis of license No. 12016901 dated November 19, 2012, issued by the Committee for Control in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan dated July 19, 2019 No. 608.

Information about the "Agronomy and Forestry" and "Food Security" departments

The history of the development of the "Agronomy and Forestry" (training of specialists accredited by the EP 6B05102 Biotechnology, 6B08102 Plant Protection and Quarantine, 7M08101 Agronomy (6M080100 Agronomy) and "Food Safety" (training of specialists accredited by the EP 7M08201 Technology of production of animal products (6M080200) departments is inextricably linked with the history of the development of M. Kozybayev North Kazakhstan State University (hereinafter - NJSC "M. Kozybayev NKU"), as one of the oldest educational institutions of the Republic of Kazakhstan. According to the Resolution of the Council of People's

Commissars of the Kazakh SSR of March 19, 1937 on education Teachers' Institute, 2 faculties were created in the city of Petropavlovsk - history and natural-geographical. In August 1938, the Department of Natural Sciences was opened, within the framework of which the offices of botany and zoology were created. At the end of the 50s, the Department of Natural Sciences was reorganized into the Department of Biology and Chemistry, and on March 15, 1962, it was separated as structural units: botany, zoology and the basics of agriculture. On December 13, 1996 the departments of botany and zoology were merged into the department of biology. On January 16, 2003 the Department of Biology was divided into two departments: "General Biology" (GB) and "Agriculture" (AC). On September 1, 2018, during the reorganization of the Faculty of Natural and Agricultural Sciences, the Agrotechnological Faculty was formed, which included the Department of Food Safety, which implements the Master's degree EWP 7M08201 "Technology of production of livestock products" and the Department of Agronomy and Forestry, which conducts training in the EP magistracy 7M08101 "Agronomy", bachelor EP 6B05102 "Biotechnology", 6B08102 "Plant protection and quarantine".

Training of specialists in the accredited EP is carried out in full-time education in Russian and Kazakh languages. Graduates of the "Serpin" program, the EP Agronomy (Umarova K., Yakubova M.) entered the magistracy 7M08101 "Agronomy".

In 2018, a license was obtained to provide educational services under the bachelor's program 6B05102 Biotechnology, 6B08102 Plant protection and quarantine of postgraduate education – the EP 7M08101 "Agronomy" and 7M08201 "Technology of production of livestock products." Qualification in two educational programs - Master of Agricultural Sciences.

The first enrollment for the accredited EPs was carried out in 2019.

The qualitative and quantitative composition of the department teachers staff:

As a part of the "Agronomy and Forestry" department in 2020-2021 there are 20 teaching staff, the percentage of the academic degree holders rate is 35%, of which: Candidate of Agricultural Sciences. - 5, PhD - 2, 12 masters. The average age of the teaching staff at the department is 41 years.

As a part of the department "Food Security" in 2020-2021 there are 15 teaching staff, the percentage of the academic degree holders rate is 40%, of which: Candidate of Agricultural Sciences - 4, Ph.D. - 1, Ph.D. - 1, 7 masters, 2 teachers - from the production organisations. The average age of the teaching staff at the department is 48 years.

According to the master's programs 7M08101 Agronomy (6M080100 Agronomy) and 7M08201 Technology of production of livestock products (6M080200 Technology of production of livestock products, a double-diploma education is being implemented jointly with the Arctic State Agrotechnological University, RF. (Incoming - 2 people, outgoing - 2 people).

Research, business contract projects in the department in the context of the accredited EP of the cluster:

In 2018, 2019, a Program-targeted financing of the Ministry of Agriculture of the Republic of Kazakhstan (19 million tenge) scientific project was carried out, under the project topic "To develop resource-saving technologies to increase the productivity of old-growth herbage of perennial grasses in the forest-steppe zone of Northern Kazakhstan", contract No. 14 dated September 26, 2018 .

In 2020, a scientific project "Research of conditions and the formation of scenarios for the use of a universal robotic platform for basing unmanned aerial vehicles in the agro-industrial complex of the Republic of Kazakhstan and Central Asian countries in order to develop programs and test methods for URP and its individual systems." was carried out financing by "Tambov State University named after G.R. Derzhavin", contract No. 3 dated 09.12.2019 (605 thousand tenge).

As a part of the scientists team of the Faculty of Engineering and Digital Technologies, a project is being implemented under the ERASMUS + program "New and Innovative Courses for Precision Agriculture (NICOPA)" (2018–2020).

The teaching staff of the "Food Security" department implemented economic topics: Assessment of the state of breeding animals in "Epkin-2002" LLC (amount 150 thousand tenge, non-numbered contract dated 13.02.2019); Assessment of the condition of breeding animals in the "Arkalyk" farm (the amount of 150 thousand tenge, contract w / n dated 20.11.2018).

(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

The Educational programs 6B05102 Biotechnology, 6B08102 Plant protection and quarantine, 7M08201 Technology of production of livestock products (6M080200 Technology of production of livestock products), 7M08101 Agronomy (6M080100 Agronomy) are being accredited in the IAAR for the first time.

(V) DESCRIPTION OF THE VISIT OF THE EEC

The EEC work was carried out on the basis of the approved Program of the expert commission of the specialized accreditation of educational programs at M. Kozybayev NKU in the period from 09 to 11 November 2020.

In order to coordinate the EEC work on November 8, 2020, an opening meeting was held, during which powers were distributed among the commission members, the schedule of the visit was clarified, and agreement was reached on the choice of examination methods.

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, online meetings were held with acting rector, vice-rectors of the university in areas of activity, heads of structural divisions, deans of faculties, heads of departments, teachers, students, graduates, employers. In total, 57 representatives took part in the meetings (Table 1).

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

Participant category	Number
Acting Chairman of the Management Board - Rector	1
Vice-rectors	3
Heads of structural divisions	19
Heads of departments, heads of EP	2
Teachers *	10
Students*	12
Graduates *	–
Employers *	5
Representatives from practice bases	5
Total	57

During the online excursion, the EEC members got acquainted with the state of the material and technical base, visited the Agrotechnological Faculty, a visual inspection of educational laboratories on November 9, 2020 from 4.30 pm: "Biotechnology of agricultural plants" (Aud. 429 EB \ 2), "Determination of the quality of crop products "(Aud. 301 EB \ 2), " Plant protection "(Aud. 306 EB \ 2), " Private zootechnics "(Aud. 324 EB \ 2), a specialized office "Technology of

production of animal products” (Aud. 313 EB \ 2). Additionally, video materials were provided from the departments sub departments: "Agrolab" LLC the accredited agrochemical laboratory, "SevKazNIISH" LLC, "Analysis of milk quality", "Analysis of feed quality" laboratories.

At the online meeting of the IAAR EEC with the target groups of the NJSC M. Kozybayev NKU carried out the clarification of the mechanisms for implementing the university policy and concretization of certain data presented in the university self-assessment report.

For the period of accreditation, distance classes were attended: PhD. associate professor Toktar M. - "Agrochemistry" discipline in the educational group PPQ -19kaz. the EP "Plants Protection and quarantine"; master, teacher Zhumabayeva B.K. in the educational group BT-20kaz. the EP "Biotechnology", "Introduction to professional activity" discipline; Candidate of Agricultural Sciences, Associate Professor Bayazitova K.N. in the educational group TPLP-m-20 "Methods of scientific research" discipline of the EP "Technology of production of livestock products"; Candidate of Agricultural Sciences, Associate Professor Malitskaya N.V. in the educational group A-m-20 "Integrated protection of plants from harmful organisms" discipline of the EP "Agronomy", senior teacher Moreva E.Yu. in the educational group A-m-20 of the EP Agronomy, "Professional foreign language" discipline.

During their work, the EEC members made online visits to the following practice bases (Table 2):

Table 2 - Information about the representatives of the practice base which took part with the EEC of the IAAR

№	Practice base (name of the company, address, contacts, link to the website)	Practice base representative
1.	Agrochemical laboratory “Agro Lab” LLC Petropalovsk, Gabita Musrepov st. , 36, http://agrolab.kz/	Kopyshev Altynbek Mukhtaruly, specialist – analyst Mob. 87006530211 altynbek2292@mail.ru
2.	North Kazakhstan Regional Quarantine Laboratory, branch of the State Institution "Republican Center for Quarantine Plants" the State Inspection Committee in the Agricultural Sector of the Ministry of Agriculture of the Republic of Kazakhstan, Petropalovsk, Parkovaya st., 57 "V"	Alibekova Ainur Kuanyshbaevna, chief herbologist Mob. 87475597311 Karantin_labsko@mail.ru
3.	Republican State Institution "Republican Methodological Center for Phytosanitary Diagnostics and Forecasts" the State Inspection Committee in the Agricultural Sector of the Ministry of Agriculture of the Republic of Kazakhstan, Petropavlovsk, Parkovaya st., 57 "V"	Belov Alexander Alexandrovich, regional agronomist-entomog Mob. 87779220836 Skof_petropavlovsk@mail.ru
4.	State utility company "Schoolchildren's Palace" of the public utility institution "Education Department of the Akimat of the North Kazakhstan region", Petropalovsk, Zhambyl Zhabaev st., 55 A http://www.digitalurpaq.kz/	Vorobyeva Larisa Viktorovna, Head of the Department of Biological Research, Laboratory "Modern Biotechnologies" Mob. 87074922826 lara88.2010@mail.ru
5.	"North Kazakhstan Research Institute of Agriculture LLC", North Kazakhstan region, Kyzylzhar district, Beskol village, Institutskaya st, 1 район, а.Бесколь, ул. Институтская 1	Zhaksalykov Ruslan Akhmetzhanovich, senior laboratory assistant of the “Scientific and Innovative Complex” Mob. 87470394823 ruslan_zh-97@mail.ru

In accordance with the accreditation procedure, an online survey of 8 teachers was carried out (associate professors Savenkova I.V. and Akhmetova T.A., teachers Malitskaya N.V., Zhumabaeva B.K., Takenova D.E., Taskulova A.M., Puchkova S.), 12 students (students Tazhieva A.A., Dyachina A.V., Esim Sh.D., Latypova B.B., Abdrasil E.M., Amirzhanova Zh.Zh., Baydel A.D., Kovalenko K.V., undergraduates Konkarova M.B., Umarova K.K., Ozimkovskaya M.O., Umarova A.K.).

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

As a part of the planned program, recommendations for improving the accredited educational programs of M. Kozybayev NKU NAO, developed by the EEC based on the results of the examination, were presented at an online meeting with the leadership on November, 2020.



(VI) COMPLIANCE WITH SPECIALIZED ACCREDITATION STANDARDS

6.1. "Management of the educational program" Standard

Strengths for the EP 7M08101 - Agronomy; 7M08201 - Technology for the production of livestock products; 6B08102 - Plant protection and quarantine; 6B05102 - Biotechnology are:

The quality policy is transparent, accessible, published on the official website of the university. The Academic Committee of the university was organized to involve representatives of stakeholder groups, including employers, students and teaching staff, in the formation of the EP development plan.

Recommendations for the EP 6B05102-Biotechnology, 7M08101-Agronomy, 6B08102-Plant protection and quarantine:

- The management of the EP 6B05102-Biotechnology, 7M08101-Agronomy, 6B08102-Plant protection and quarantine is recommended to undergo training in educational management programs

The EEC notes that according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 -PPQ; 6B05102 - "Biotechnology": according to 2 criteria of this standard, the university has a strong position, according to 13 criteria - satisfactory positions.

6.2. "Information Management and Reporting" Standard

Strengths / best practice according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 -PPQ; 6B05102 - "Biotechnology":

- according to this standard, the EEC does not note strengths.

Recommendations for the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 - PPQ; 6B05102 - "Biotechnology":

- there are no recommendations for this standard.

The EEC notes that according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 - PPQ; 6B05102 - "Biotechnology": according to 16 criteria of this standard, the university has a satisfactory position.

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

Strengths / best practice according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 -PPQ; 6B05102 - "Biotechnology":

- according to this standard, the EEC does not note the strengths.

Recommendations for the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 - PPQ; 6B05102 - "Biotechnology":

- there are no recommendations for this standard.

The EEC notes that according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 -PPQ; 6B05102 - "Biotechnology": according to 12 criteria of this standard, the university has satisfactory positions

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

Strengths / best practice according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 -PPQ; 6B05102 - "Biotechnology":

- according to this standard, the EEC does not note strengths

Recommendations for the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 - PPQ; 6B05102 - "Biotechnology":

- Strengthen the practice-orientedness of academic disciplines of educational programs by conducting classes at the branches.
- The management of the accredited EP - to ensure publication in external sources of information, including on the university's website, about all changes and actions taken in relation to the EP with an annual update.
- The management of the accredited EP - to develop a mechanism for revising the content and structure of the EP, taking into account changes in the labor market, as well as taking into account the requirements of employers.

The EEC notes that according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 -PPQ; 6B05102 - "Biotechnology": according to 6 criteria of this standard, the university has a satisfactory position, according to 3 criteria it suggests improvement.

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

Strengths / best practice according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 -PPQ; 6B05102 - "Biotechnology":

- according to this standard, the EEC does not note strengths

Recommendations for the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 - PPQ; 6B05102 - "Biotechnology":

- there are no recommendations for this standard.

The EEC notes that according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 -PPQ; 6B05102 - "Biotechnology": according to 10 criteria of this standard, the university has a satisfactory position.

6.6. "Students" Standard

Analyzing the EP on filling the "Students" standard in accredited areas, the commission notes:

Strengths / best practice according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 -PPQ; 6B05102 - "Biotechnology":

- according to this standard, the EEC does not note strengths

Recommendations for the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 - PPQ; 6B05102 - "Biotechnology":

- to develop an action plan to expand the external and internal mobility of EP students and start its implementation.
- to develop and start implementing an action plan to expand the external and internal mobility of teaching staff in the context of the EP and to attract foreign and domestic teachers.

The EEC notes that according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 -PPQ; 6B05102 - "Biotechnology": according to 13 criteria of this standard, the university has a satisfactory position, according to 1 criterion it suggests improvement.

6.7. "Teaching staff" Standard

Analyzing the EP on filling the "Teaching staff" standard in accredited areas, the commission notes:

Strengths / best practice according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 - PPQ; 6B05102 - "Biotechnology":

- according to this standard, the EEC does not note strengths

Recommendations for the EP 7M08101 - "Agronomy"; 6B08102 -PPQ; 6B05102 - "Biotechnology":

-recommendations for this standard are not present for the EP management to strengthen the staff by increasing the proportion of teachers with advanced degrees participating in the EP implementation.

The EEC notes that according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 -PPQ; 6B05102 - "Biotechnology": that according to 8 criteria of this standard the university has 8 satisfactory positions, according to 1 criterion it implies improvement.

6.8. "Educational resources and student support systems" Standard

Analyzing the EP on filling the "Educational resources and student support systems" standard in accredited areas, the commission notes:

Strengths / best practice according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 - PPQ; 6B05102 - "Biotechnology":

- according to this standard, the EEC does not note strengths

Recommendations for the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 - PPQ; 6B05102 - "Biotechnology":

- the EP management - to develop an action plan for further improvement of the university infrastructure, taking into account the special needs of students (paths for the visually impaired, etc.).

The EEC notes that according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 -PPQ; 6B05102 - "Biotechnology": that according to 8 criteria of this standard the university has a satisfactory position.

6.9. "Public Information" Standard

Analyzing the EP on filling the "Informing the public" standard in accredited areas, the commission notes:

Strengths / best practice according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 -PPQ; 6B05102 - "Biotechnology: according to this standard, the EEC does not note strengths

Recommendations for the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 - PPQ; 6B05102 - "Biotechnology":

- The accredited EP management - to ensure publication on the university website about all changes and actions taken in relation to the EP.

- The accredited EP management - to provide complete and objective information, as well as to inform the public about the availability of professional personnel within the accredited EP, namely, about the teaching staff of the EP during the entire period of study, update the personal data of the teaching staff of the departments in the sections of the EP.

The EEC notes that according to the EP 6B05102 - "Biotechnology"; 7M08101 - "Agronomy"; 6B08102 - "Plant protection and quarantine"; 7M08201 - "Technology of production of livestock products" according to 8 criteria of this standard, the university has a satisfactory position, according to 2 criteria it suggests improvement.

6.10 "Standards in the context of individual specialties" (Humanities) Standard

Strengths / best practice according to the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 -PPQ; 6B05102 - "Biotechnology":

- according to this standard, the EEC does not note strengths

Recommendations for the EP 7M08101 - "Agronomy"; 6B08102 - "PPQ":

- there is no recommendation for this standard, given that the use of ICT in the educational process corrects the teaching methodology, to introduce into the practice of activity permanent seminars for teaching staff on the methods of conducting classes using ICT in the core disciplines of the EP 7M08101 - "Agronomy"; 6B08102 - "Plant protection and quarantine".

The ECC notes that according to the EP 6B05102 - "Biotechnology"; 7M08101 - "Agronomy"; 6B08102 - "Plant protection and quarantine"; 7M08201 - "Technology of production of livestock products" according to 4 criteria of this standard, the university has a satisfactory position, according to 1 criterion it suggests improvement.



(VII) OVERVIEW OF STRENGTHS / BEST PRACTICES FOR EACH STANDARD

According to the "Management of the educational program" standard for the EP 7M08101 - "Agronomy"; 7M08201 - "TPLP"; 6B08102 -PPQ; 6B05102 - "Biotechnology strengths are:

- The quality policy is transparent, accessible, published on the official website of the university. The Academic Committee of the university was organized to involve representatives of stakeholder groups, including employers, students and teaching staff in the formation of the EP development plan.

"Information Management and Reporting" Standard

- according to this standard, the EEC does not note strengths

"Development and approval of the educational program" Standard

- according to this standard, the EEC does not note strengths

"Continuous monitoring and periodic evaluation of educational programs" Standard

- according to this standard, the EEC does not note strengths

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

- according to this standard, the EEC does not note strengths

"Students" Standard

- according to this standard, the EEC does not note strengths

"Teaching staff" Standard

- according to this standard, the EEC does not note strengths

"Educational resources and student support systems" Standard

- according to this standard, the EEC does not note strengths

"Public Information" Standard

- according to this standard, the EEC does not note strengths

"Standards in the context of individual specialties" Standard

- according to this standard, the EEC does not note strengths

(VIII) OVERVIEW OF QUALITY IMPROVEMENT RECOMMENDATIONS FOR EACH STANDARD

"EP Management" Standard

Recommendations for the EP 6B05102-Biotechnology, 7M08101-Agronomy, 6B08102-Plant protection and quarantine:

The EP management 6B05102-Biotechnology, 7M08101-Agronomy, 6B08102-Plant protection and quarantine is recommended to undergo training in educational management programs.

“Development and approval of the educational program” Standard

- No recommendation.

“Continuous monitoring and periodic evaluation of educational programs” Standard

Recommendations for the EP 6B05102-Biotechnology, 7M08101-Agronomy, 6B08102-Plant Protection and Quarantine, 7M08201 - "TPLP":

Strengthen the practice-orientedness of academic disciplines of educational programs by conducting classes at the branches.

The accredited EP management - to ensure publication in external sources of information, including on the university's website, about all changes and actions taken in relation to the EP with an annual update.

The accredited EP management - to develop a mechanism for revising the content and structure of the EP, taking into account changes in the labor market, as well as taking into account the requirements of employers.

“Student-centered learning, teaching and assessment of progress” Standard

- No recommendation.

“Students” Standard

Recommendations for the EP 6B05102-Biotechnology, 7M08101-Agronomy, 6B08102-Plant Protection and Quarantine, 7M08201 - "TPLP":

To develop an action plan to expand the external and internal mobility of EP students and start its implementation.

To develop and start implementing an action plan to expand the external and internal mobility of teaching staff in the context of the EP and attracting foreign and domestic teachers.

Additionally according to the EP 6B05102-Biotechnology:

To create laboratories for conducting classes in the "Biotechnology in animal husbandry", "Modern methods in biotechnology" disciplines.

“Teaching staff” Standard

Recommendations for the EP 6B05102-Biotechnology, 7M08101-Agronomy, 6B08102-Plant protection and quarantine:

The EP management - to strengthen the staff by increasing the proportion of teachers with advanced degrees involved in the EP implementation.

“Educational resources and student support systems” Standard

Recommendations for the EP 6B05102-Biotechnology, 7M08101-Agronomy, 6B08102-Plant Protection and Quarantine, 7M08201 - "TPLP":

The EP's management - to develop an action plan for further improving the university infrastructure, taking into account the special needs of students (ramps, paths for the visually impaired, etc.).

“Public Information” Standard

Recommendations for the EP 6B05102-Biotechnology, 7M08101-Agronomy, 6B08102-Plant Protection and Quarantine, 7M08201 - "TPLP":

The accredited EP management - to ensure publication on the university's website of all changes and actions taken in relation to the EP.

The accredited EP management - to provide complete and objective information, as well as to inform the public about the availability of professional personnel within the accredited EP, namely, about the teaching staff of the EP during the entire period of study, update the personal data of the teaching staff of the departments in the EP sections.

"Standards in the context of individual specialties" (Humanities) Standard

Recommendations for the EP 7M08101-Agronomy, 6B08102-Plant protection and quarantine:

Taking into account that the use of ICT in the educational process adjusts the teaching methodology, to introduce into the practice of activity permanent seminars for teaching staff on the methods of conducting classes using ICT in the core disciplines of the EP 7M08101 - "Agronomy"; 6B08102 - "Plant protection and quarantine".



Appendix 1. Overview table "Conclusion of the external expert commission" (6B05102 Biography, 6B08102 Plant protection and quarantine, 7M08201 Livestock production technology (6M080200 Livestock production technology), 7M08101 Agronomy (6M080100 Agronomy)

№	№	Assessment Criteria	Position of the organization of education			
			Strong	Satisfactory	Suggests improvement	Unsatisfactory
Standard of "Educational program Management»						
1	1.	The University must have a published quality assurance policy.	+			
2	2.	Quality assurance policies should reflect the relationship between research, teaching, and learning.		+		
3	3.	The University must demonstrate the development of a culture of quality assurance, including in the context of the educational program.		+		
4	4.	Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including joint/double-degree education and academic mobility.		+		
5	5.	The management of the educational program ensures transparency in the development of the educational program development plan based on the analysis of its functioning, the real positioning of the University and the orientation of its activities to meet the needs of the state, employers, interested persons and students.		+		
6	6.	Leadership of the educational program demonstrates the functioning of the mechanisms of formation and regular revision of the development plan of OP and monitor its implementation, evaluate achievement of learning objectives, meet the needs of students, employers and society, decision-making aimed at continuous improvement of educational programs.		+		
7	7.	The management of the educational program must demonstrate the individuality and uniqueness of the educational program development plan, its consistency with national development priorities and the development strategy of the educational organization.		+		
8	8.	The management of the educational program must demonstrate the individuality and uniqueness of the educational program development plan, its consistency with national development priorities and the development strategy of the educational organization.		+		
9	9.	The University must demonstrate a clear definition of those responsible for business processes within the educational program, an unambiguous distribution of staff responsibilities, and differentiation of functions of collegial bodies.		+		
10	10.	The management of the educational program must provide evidence of the transparency of the educational program management system.		+		

11	11.	The management of the educational program must demonstrate the successful functioning of the internal quality assurance system of the educational program, including its design, management and monitoring, their improvement, and fact-based decision-making.		+		
12	12.	The management of the educational program should manage risks.		+		
13	13.	The management of the educational program should ensure the participation of representatives of interested persons (employers, faculty, students) in the collegial management bodies of the educational program, as well as their representation in making decisions on the management of the educational program. The University must demonstrate innovation management within the educational program, including analysis and implementation of innovative proposals		+		
14	14.	The management of the educational program must demonstrate evidence of openness and accessibility for students, teachers, employers and other interested parties.		+		
15	15.	The management of the educational program must demonstrate evidence of openness and accessibility for students, teachers, employers and other interested parties		+		
Total by standard			1	14		
Standard of «Information Management and reporting»						
16	1.	The University should ensure the functioning of the system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software		+		
17	2.	The management of the educational program should demonstrate the systematic use of processed, adequate information to improve the internal quality assurance system.		+		
18	3.	Within the framework of the educational program, there should be a system of regular reporting that reflects all levels of the structure, including an assessment of the effectiveness and efficiency of departments and research.		+		
19	4.	The University must establish the frequency, forms and methods of evaluating the management of the educational program, the activities of collegial bodies and structural divisions, senior management, and the implementation of scientific projects.		+		
20	5.	The University must demonstrate the definition of the procedure and ensuring the protection of information, including the identification of responsible persons for the accuracy and timeliness of information analysis and data provision.		+		
21	6.	An important factor is the involvement of students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them.		+		
22	7.	The management of the educational program must demonstrate that there is a mechanism for communication with students, employees, and other stakeholders, including mechanisms for conflict resolution.		+		
23	8.	The University must measure the degree of satisfaction with the needs of the faculty, staff and students in the educational program and demonstrate evidence of elimination of the identified shortcomings.		+		
24	9.	The University should evaluate the effectiveness and efficiency of its activities, including in the context of the educational program.		+		

25	10.	Information collected and analyzed by the University should take into account:		+		
		Key performance indicators;				
26	11.	dynamics of the contingent of students in the context of forms and types;		+		
27	12.	level of academic performance, achievement of students and the dismissal;		+		
28	13.	students' satisfaction with the implementation of the educational program and the quality of education at the University;		+		
29	14.	availability of educational resources and support systems for students;		+		
30	15.	employment and career development of graduates.		+		
31	16.	Students, employees, and teaching staff must document their consent to the processing of personal data.		+		
Total by standard				16		
Standard of «Development and approval of educational programs»						
32	1.	The University must define and document the procedures for developing the educational program and their approval at the institutional level		+		
33	2.	The management of the educational program must ensure that the educational program results meet the set goals, including the expected learning outcomes.		+		
34	3.	The management of the educational program should ensure that there are developed models of the graduate of the educational program that describe learning outcomes and personal qualities.		+		
35	4.	The management of the educational program must demonstrate the conduct of external examinations of the educational program.		+		
36	5.	The qualifications obtained at the end of the educational program must be clearly defined, explained and correspond to a certain level of the NQS.		+		
37	6.	The management of the educational program should determine the impact of disciplines and professional practices on the formation of learning outcomes.		+		
38	7.	An important factor is the ability to prepare students for professional certification.		+		
39	8.	The management of the educational program must provide evidence of the participation of students, faculty and other stakeholders in the development of the educational program, ensuring their quality.		+		
40	9.	The complexity of the educational program should be clearly defined in Kazakhstan credits and ECTS.		+		
41	10.	The management of the educational program should ensure the content of academic disciplines and learning outcomes at the level of education (bachelor's, master's, doctoral).		+		
42	11.	The structure of the educational program should include various types of activities that correspond to the results of training.		+		

43	12.	An important factor is the availability of joint educational programs with foreign educational organizations.		+		
Total by standard				12		
Standard of «Continuous monitoring and periodic evaluation of educational programs»						
44	1.	The University should monitor and periodically evaluate the educational program in order to ensure that the goal is achieved and meet the needs of students and society.		+		
		The results of these processes are aimed at continuous improvement of the educational program.				
45	2.	The content of programs in the light of the latest scientific achievements in a particular discipline to ensure the relevance of the discipline taught;		+		
46	3.	changes in the needs of society and the professional environment;			+	
47	4.	load, academic performance and graduation of students;		+		
48	5.	effectiveness of student assessment procedures;		+		
49	6.	expectations, needs and satisfaction of students with the training program;		+		
50	7.	educational environment and support services, and their compliance with the goals of the educational program.		+		
51	8.	The University and the management of the educational program must provide evidence of participation of students, employers and other stakeholders in the revision of the educational program.			+	
52	9.	All interested parties should be informed of any planned or taken actions in relation to the educational program. All changes made to the educational program must be published.			+	
Total by standard				6	3	
Standard of «Student-Centered learning, teaching and assessment of academic performance»						
53	1.	The management of the educational program should ensure respect and attention to different groups of students and their needs, providing them with flexible learning paths.		+		
54	2.	The management of the educational program should ensure the use of various forms and methods of teaching and learning.		+		
55	3.	An important factor is the availability of their own research in the field of teaching methods of academic disciplines of the educational program.		+		
56	4.	The management of the educational program should demonstrate the existence of a feedback system for the use of various teaching methods and evaluation of learning outcomes.		+		
57	5.	The management of the educational program should demonstrate support for the autonomy of students, while providing guidance and assistance from the teacher.		+		
58	6.	The management of the educational program must demonstrate that there is a procedure for responding to student complaints.		+		

59	7.	The University must ensure consistency, transparency and objectivity of the learning outcomes assessment mechanism for each educational program, including appeal.		+		
60	8.	The University must ensure that the procedures for evaluating the learning outcomes of students in the educational program correspond to the planned learning outcomes and goals of the program. Evaluation criteria and methods for the educational program should be published in advance.		+		
61	9.	The University should determine the mechanisms for ensuring that each graduate of the educational program learns the results of training and ensure the completeness of their formation.		+		
62	10.	Evaluators should be familiar with modern methods of evaluating learning outcomes and regularly improve their skills in this area.		+		
Total by standard				10		
Standard "Students"						
63	1.	The university must demonstrate the policy of forming the contingent of students from admission to graduation and ensure the transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) must be defined, approved, published.		+		
		The management of the educational program must demonstrate the implementation of special adaptation and support programs for newly admitted and foreign students.				
64	2.	The university must demonstrate the compliance of its actions with the Lisbon Recognition Convention.		+		
65	3.	The university should cooperate with other educational organizations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers" ENIC / NARIC in order to ensure comparable recognition of qualifications.		+		
66	4.	The management of the educational program must demonstrate 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.		+		
67	5.	The university should provide an opportunity for external and internal mobility of students of the educational program, as well as assist them in obtaining external grants for training.			+	
68	6.	The management of the educational program should make the maximum amount of effort to provide students with places of practice, facilitate the employment of graduates, and maintain communication with them.		+		
69	7.	The university must provide graduates of the educational program with documents confirming the acquired qualifications, including the achieved learning outcomes, as well as the context, content and status of the education received and evidence of its completion.		+		
70	8.	An important factor is monitoring the employment and professional activities of graduates of the educational program.		+		
71	9.	The leadership of the educational program should actively stimulate students to self-education and development outside the main program (extracurricular activities).		+		
72	10.	An important factor is the existence of an active alumni association / association.		+		

73	11.	An important factor is the availability of a support mechanism for gifted students.		+		
74	12.	The university must demonstrate the policy of forming the contingent of students from admission to graduation and ensure the transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) must be defined, approved, published.		+		
75	13.	The management of the educational program must demonstrate the implementation of special adaptation and support programs for newly admitted and foreign students.		+		
76	14.	The university must demonstrate the compliance of its actions with the Lisbon Recognition Convention.		+		
Total by standard				13	1	
Standard "Teaching staff"						
77	1.	The university must have an objective and transparent personnel policy, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff.		+		
78	2.	The University must demonstrate that the human faculty resources potential of the University development strategy and the specifics of the educational program..			+	
79	3.	The management of the educational program must demonstrate awareness of responsibility for their employees and providing them with a favorable working environment.		+		
80	4.	The leadership of the educational program must demonstrate the change in the role of the teacher in connection with the transition to student-centered learning.		+		
81	5.	The university should determine the contribution of the faculty of the educational program to the implementation of the development strategy of the university, and other strategic documents.		+		
82	6.	The university should provide opportunities for career growth and professional development for the faculty of the educational program.		+		
83	7.	The leadership of the educational program should involve practitioners of the relevant industries in teaching.		+		
84	8.	The leadership of the educational program must ensure targeted actions for the development of young teachers.		+		
85	9.	The university should demonstrate the motivation for the professional and personal development of teachers of the educational program, including the encouragement of both the integration of scientific activity and education, and the use of innovative teaching methods.		+		
Total by standard				8	1	
Norm "Educational resources and students support systems"						
86	1.	EP management must demonstrate the sufficiency of material and technical resources and infrastructure.		+		
87	2.	The EP's management 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 EP specifics, including compliance with:				

88	3.	technological support for students and teaching staff in according with educational programs (for example, online training, modeling, databases, data analysis programs);		+		
89	4.	library resources, including the fund of educational, methodological and scientific literature on general education, basic and profiling disciplines on paper and electronic media, periodicals, access to scientific databases;		+		
90	5.	examination of research results, graduation works, dissertations for plagiarism;		+		
91	6.	access to educational Internet resources;		+		
92	7.	functioning of WI-FI on the territory of the educational organization.		+		
93	8.	The university should strive to ensure that the educational equipment and software used for developing EP are similar to those used in the respective industries.		+		
Total by standard				8		
Public awareness Standard						
		The information published by the university in the pressing matters of the EP must be accurate, objective, relevant and must include:				
94	1.	implemented programs, indicating expected learning outcomes;		+		
95	2.	information on the possibility of qualifying at the end of the EP;		+		
96	3.	information about teaching, learning, assessment procedures;		+		
97	4.	information about passing points and learning opportunities provided to students;		+		
98	5.	information about employment opportunities for graduates.		+		
99	6.	The EP's management should use a variety of ways to disseminate information (including mass media, web resources, information networks, etc.) to inform the general public and stakeholders.			+	
100	7.	Public awareness should support and explain the country's national development programs and the system of higher and postgraduate education.		+		
101	8.	The university must publish audited financial statements on its own web resource.		+		
102	9.	The University must demonstrate the reflection on the web resource of information that characterizes the University generally and in the context of EP			+	
103	10.	An important factor is the availability of adequate and objective information about the teaching staff of the EP, in the context of personalities.		+		
Total by standard				8	2	
Standards in the context of individual specialties						
NATURAL SCIENCES, AGRICULTURAL SCIENCES						
<i>Educational programs in the areas of "Natural Sciences", "Agricultural Sciences", such as "Biotechnology", "Protection and quarantine of plants", "Technology of production of animal products", "Agronomy", must meet the following requirements:</i>						

104	1.	The EP should include disciplines and activities aimed at gaining practical experience and skills in the specialty in general and in major disciplines in particular, including: - <i>excursions to enterprises for specialization (factories, workshops, research institutes, laboratories, training and experimental farms, etc.),</i> - <i>conducting individual classes or entire disciplines at the enterprise of specialization;</i> - <i>conducting seminars to solve practical problems relevant for enterprises in the field of specialization, etc .;</i>		+		
105	2.	The teaching staff involved in the education program should include, as full-time teachers, practitioners with long-term experience as full-time employees in enterprises in the area of specialization of the education program.		+		
106	3.	The content of all EP disciplines should be based on and include a clear relationship with the content of fundamental natural sciences.		+		
107	4.	EP management should provide for measures to strengthen practical training in the field of specialization.		+		
108	5.	EP management should provide for the training of students in the use of modern information technologies.			+	
Total by standard				4	1	
IN TOTAL			1	99	8	

