



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

on the results of the external expert commission work for assessment
of compliance with the requirements of the standards of specialized
accreditation of educational programmes

6B07214 Technology and engineering of food and processing production

7M07201 Technology and engineering of food and processing industry

6B07211 Innovative textiles

7M07211 Innovative Textiles

6B07215 Food Technology

TARAZ REGIONAL UNIVERSITY NAMED AFTER M.KH.DULATI

for the period from May 20 to 22, 2024.

INDEPENDENT ACCREDITATION AND RATING AGENCY

External Expert Commission

**Addressed
to the IAAR
Accreditation Council**



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2024

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(I) LIST OF DESIGNATIONS AND ABBREVIATIONS

- SCSE**– The State compulsory standard of education
DET – Distance educational technologies
UNT – Unified National Testing
EHEA – European Higher Education Area
ECTS – European Credit Transfer System
ILC – Information and Library complex
ICT – Information and communication technologies
IC – Individual curriculum
CofCh - Component of choice
CT – Comprehensive testing
CLT – Credit Learning Technology
CED – Catalog of elective disciplines
MEP – Modular Educational program
RW – Research work
RWS – Research work of students
RC- required component
GED– General education disciplines
EP – Educational programs
PD – Profile disciplines
TS– Teaching staff
RIEL–Republican Interuniversity Electronic Library
RK – The Republic of Kazakhstan
WC – Working curriculu
QMS–Quality Management System
SVE – Secondary vocational education
IWS – Independent work of students
IWSGT – Independent work of students under the guidance of a teacher
SC – Standard Curriculum
EMCD – Educational and methodological complex of the discipline
EMD –Educational and methodical Department
EMC – Educational and Methodological Council

(II) INTRODUCTION

In accordance with Order No. 89-24-GED dated 02/26/2024 of the Independent Accreditation and Rating Agency from May 23 to May 25, 2024. an external expert commission conducted an assessment of the compliance of educational programs 6B07214 Technology and engineering of food and processing production, 7M07201 Technology and engineering of food and processing production 6B07211 Innovative textiles, 7M07211 Innovative textiles, 6B07215 Technology of food products of M.Kh.Dulati Taraz Regional University with the standards of specialized accreditation of the JAAR (dated June 16, 2020 No. 57-20-GED, sixth edition) in a hybrid format.

The report of the external Expert commission (EEC) contains an assessment of the submitted educational programs according to the JAAR criteria, recommendations of the EEC for further improvement of educational programs and parameters of the profile of educational programs.

The composition of the EEC:

1. Chairman of the IAAR Commission – Urmashevbaydauletamantaevich, Candidate of Physical and Mathematical Sciences, Associate Professor, Al-Farabi Kazakh National University (Almaty, Republic of Kazakhstan)

2. IAAR expert – Aurica Chirsanova (Aurica Kirsanova), PhD, Associate Professor, Head of the Department of Nutrition and Nutrition, Technical University of Moldova (Chisinau, Republic of Moldova)

3. IAAR expert – Alexey Mikhailovich Gostin, Candidate of Technical Sciences, Associate Professor, Ryazan State Radio Engineering University (RGRTU) (Ryazan, Russian Federation)

4. IAAR expert – Kurmangalieva Dina Bakytkozhaevna, Doctor of Technical Sciences, Professor S.Seifullin Kazakh Agrotechnical Research University (Astana, Republic of Kazakhstan)

5. IAAR expert – Jurinskaya Indira Mikhailovna, PhD, Associate Professor, Almaty Technological University (Almaty, Republic of Kazakhstan)

6. IAAR expert – Ismailova Aisuluabzhapparovna, PhD, Associate Professor, NPJSC "Kazakh Agrotechnical Research University named after S. Seifullin" (Astana, Republic of Kazakhstan)

7. IAAR expert –Skiba Marina Alexandrovna, Candidate of Pedagogical Sciences, Associate Professor, Acting Head of the Center for Academic Excellence of NPJSC "Toraigyrov University" (Pavlodar, Republic of Kazakhstan)

8. IAAR expert – Zhanat Beisembayevich Isabekov, PhD, NPJSC "Toraigyrov University" (Pavlodar, Republic of Kazakhstan)

9. IAAR expert – Abilev Madi Baltabaevich, PhD, Associate Professor, Al-Farabi Kazakh National University (Almaty, Republic of Kazakhstan)

10. IAAR expert – Kopishev Eldar Yertayevich, Candidate of Chemical Sciences, L.N.Gumilev Eurasian National University (Astana, Republic of Kazakhstan)

11. IAAR expert – Bulashev Berdibek Kabkenovich, Candidate of Agricultural Sciences, Associate Professor, Chairman of the Technical Committee for Standardization No. 100 "Organic Products" on the basis of the Kazakh Agrotechnical Research University named after S.Seifullin (Astana, Republic of Kazakhstan)

12. IAAR expert – Sheripidin Itakhunovich Khamraev, Candidate of Technical Sciences, Professor, Abai Kazakh National Pedagogical University (Almaty, Republic of Kazakhstan)

13. IAAR expert-employer –Yeralieva Dana Bakiranovna, Head of the Human Capital Development Department, RCE of Zhambyl region (Taraz, Republic of Kazakhstan)

14. Expert-employer of IAAR –Alimbayev Said Tolegenovich, Candidate of Technical Sciences, Chief Manager for Competition Issues of the Self-regulatory Organization Association of Kazakhstan Freight Rail Carriers (Astana, Republic of Kazakhstan)

15. IAAR student expert - Dinara Akimova, 3rd year student EP 8D07201 Food Technology, Semey Shakarim University (Semey, Republic of Kazakhstan)

16. Expert student of IAAR -Abdibekov Gaziz Zhalgasbaevich, 2nd year student of EP 7M01503 – Informatics, NPJSC Aktobe Regional University named after K. Zhubanov (Aktobe, Republic of Kazakhstan)

17. Expert student of IAAR -Kozhan Akerke Yerzhankyzy, 2nd year student of EP 7M01507-Informatics, Kazakh National Pedagogical University named after Abai (Almaty, Republic of Kazakhstan)

18. Expert student of IAAR –Layykova Asima Arturovna, 3rd year student of EP 6B07102-Automation and Control, L.N. Gumilyov Eurasian National University (Astana, Republic of Kazakhstan)

19. Expert student of IAAR -Amangali Altyn Ruslankyzy, 3rd year student of EP 6B01510 Chemistry, Kazakh National Pedagogical University named after Abaya, member of the Alliance of Students of Kazakhstan (Almaty, Republic of Kazakhstan)

20. Expert student of IAAR -Koilybai Anel Kenesbaykyzy, 1st year student of EP 7M07501 Standardization and certification, NPJSC "Kazakh Agrotechnical Research University named after S. Seifullin" (Astana, Republic of Kazakhstan)

21. IAAR Coordinator – Kydyrmina Nurgul Alimovna, PhD, Head of the IAAR Information and Analytical project (Astana, Republic of Kazakhstan)

22. IAAR Coordinator –Auezkhanovazhulduzabakirovna, Project Manager for post-accreditation monitoring of IAAR (Moscow Astana, Republic of Kazakhstan)

(III) REPRESENTATION OF AN EDUCATIONAL ORGANIZATION

Taraz State University named after Muhammad Khaidar Dulati was established by the Decree of the Government of the Republic of Kazakhstan No. 256 dated 24.03.1998 by reorganizing and merging the Jambul Hydro-Reclamation and Construction Institute, Jambul Technological Institute of Light and Food Industry and Zhambyl University.

Taraz State University named after M. Kh. Dulati was established as a republican state-owned enterprise of the Ministry of Education and Science of the Republic of Kazakhstan in accordance with the Decree of the Government of the Republic of Kazakhstan "On reorganization of institutions of the Ministry of Education and Science of the Republic of Kazakhstan" No. 1879 dated 08.12.1999. In 2012, by the Decree of the Government of the Republic of Kazakhstan No. 544 dated 28.04.2012, the State Enterprise "Taraz State University named after Muhammad Khaidar Dulati" was transformed in the Republican state enterprise on the right of economic management.

In 2020, the university received the status of a non-profit joint-stock Company and was renamed Taraz Regional University named after M. Kh. Dulati.

Training of personnel at TarRU is carried out in accordance with the State License for engaging in educational activities in the field of higher and postgraduate professional education No. KZ19LAA00018483 dated 27.07.2020.

The university approved the "Policy of Taraz Regional University named after M. Kh. Dulati "in the field of sustainable development, quality, environmental protection, health and labor safety" by the order of June 01, 2023. In order to achieve strategic goals based on the integration of world experience in education and science, the University directs its efforts to develop, implement, operate and continuously improve the effectiveness of an integrated management system that meets the requirements of ISO 9001:2015 and ISO 14001:2015 standards. The current management system includes a certified QMS. In 2019, the university passed a recertification audit for compliance with the requirements of the ISO9001:2015 standard, received international certificates from the Russian Register Certification Association and the IQNet organization.

In 2024, 177 educational programs are included in the Register of the EHEA of the Republic of Kazakhstan, including 103 bachelor's degree programs, 65 master's degree programs and 9 doctoral programs.

As of 01.09.2023, the university's student body consists of 13,708 students, including 13,174 students (4,320 of them on the basis of a state educational grant), 499 undergraduates (272 of them on the basis of a state educational grant), and 35 doctoral students (35 of them on the basis of a state educational grant).

As of 01.09.2023, the total number of full-time teachers at the university is 910 people, including 28 doctors of science, 230 candidates of science, 76 PhD, 554 masters. The average age of teaching staff is 46.5 years. The rate of settling down of full-time teaching staff is 37%.

The university consists of 6 faculties and 1 institute: Institute of Water Management and Nature Management, Faculty of "Natural Sciences", Faculty of "Pedagogical and Social Sciences", Faculty of "Philology and Humanities", Faculty of "Technology", Faculty of "Economics and Law", Faculty of "Physical and Primary Military Training", Institute of Water Management and Nature Management. Which include 47 departments. The structure of the university also includes the Karatau Mining Technology College and the Military Department. Educational and research processes are organized and held in 14 educational and laboratory buildings with a total area of 73924.4 sq. m. The university has 88 laboratories equipped with the necessary equipment and measuring instruments. In addition, the research laboratory "Nanoengineering Research Methods" is used for educational and scientific purposes, which covers an area of about 1000 square meters. m and equipped with modern equipment.

The educational process is organized in 83 lecture halls and 132 classrooms for seminars, 75 laboratories equipped with modern equipment and measuring devices. Medical care for employees is provided by the university health center, city polyclinic No. 3. The university has a youth palace for students' leisure activities, canteens, cafes and buffets, 3 dormitories. The university has a sports base, which consists of a combination of various indoor and outdoor sports facilities. The total area of sports halls, playgrounds and auditoriums is 4564.15. The university has 7 indoor sports halls equipped with appropriate sports equipment, a football field with a grass lawn and running tracks; a field hockey field with a regu-floor surface; 2 outdoor football fields; 2 basketball and 2 volleyball courts; 4 tennis courts and a sports and recreation camp.

According to the results of the QS EEC international rating (Developing Countries of Europe and Central Asia), the university is in the TOP 301-350 by the end of 2020, and in the TOP 351 - 400 by the end of 2021. According to the results of the 2021 Webometrics Ranking of World Universities rating, the university ranks 36th among 125 universities in the Republic of Kazakhstan. Since 2018, the university has been participating in the Greenmetric ranking of the most "environmentally friendly" universities in the world.

TarRU's participation in the Atameken rating was ensured, the results of which showed an improvement in positions based on the results of the following educational programs: in 2020, 3 educational programs took the 3rd position (EP "Technology and Design of Light Industry Products" (3/5), EP "Fashion Design" (3/6), EP "Interior Design" (3/4)).

According to the results of the EP rating of the Independent Accreditation and Rating Agency (IAAR), the top three in 2109 included 6 EP: 5B081000 Land Reclamation, recultivation and land protection – 1st place, 5B072600 Technology and construction of light industry products-2nd place, 5B080500 Water resources and Water use-2nd place, 5B060600 Chemistry-3rd place, 5B072000 Chemical technology of inorganic substances – 3rd place, 5B060100 Mathematics-3rd place.

The University is a member of 5 international, national and regional professional associations and associations: University of the Shanghai Cooperation Organization (USOC, from 12.10.2012), Eurasian Association of Universities (from 15.04.2015), European Association of Higher Education Institutions (EURAHEI) (from 01.07.2015), Association of Central Asian Universities (from 15.03.2017), Association of Central Asian Universities (from 15.03.2017), Association Asian Universities (from 25.06.2017).

TarRU publishes the scientific journal "Vestnik Dulati".

Brief description of accredited EP's:

8D07 Engineering, Manufacturing and Construction industries [License 8D072- Manufacturing and Manufacturing Industries KZ19LAA00018483 dated July 27, 2020. Field of education](#) .

EP 6B07215 "Technology of food products", contingent for the current year is 96 people. The aim of the program is to train highly qualified personnel for production and technological activities, who have knowledge of equipment and technology, methods of quality analysis, safety, rational and innovative ways of obtaining finished products in the field of food production.

EP 6B07214 "Technology and engineering of food and processing production", the number of students for the current year is 93 people. The aim of the program is to provide professional theoretical knowledge in the field of technology and engineering of food and processing industries; to provide experience and practical skills in solving the problems of a modern enterprise.

EP 7M07201 - "Technology and engineering of food and processing production", the contingent is 1 course – 1 person, 2 course-3 people. The aim of the program is to train highly

qualified masters in the field of technology and engineering of food and processing industries, who are able to solve research problems, pedagogical and managerial activities

6B07211 - "Innovative textiles", contingent – 18 students during the reporting period. The purpose of the workshop is to train highly qualified specialists with competitive knowledge, skills and professional skills in the textile industry, providing deep theoretical knowledge and practical experience sufficient for successful operation and demand in the labor market of the country and abroad.

7M07211 - "Innovative textiles", contingent – 3 master's students during the reporting period. The purpose of the workshop is to train specialists with a high level of professional culture, including the culture of professional communication, who have a civil position, are able to formulate and solve modern scientific and practical problems at the intersection of sciences, teach at universities and colleges, and successfully carry out research and management activities in various enterprises and organizations of the textile industry.

(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

Educational programs 6B07214 Technology and Engineering of food and processing production, 7M07201 Technology and Engineering of food and processing production 6B07211 Innovative textiles, 7M07211 Innovative Textiles are accredited in the IAAR for the first time.

In accordance with Order No. 110-19-od of 22.10.2019. From November 28 to November 30, 2019, an external expert commission evaluated the compliance of the educational PROGRAM 6B07215 Food Technology of Taraz State University named after M. Kh. Dulati with the IAAR standards of specialized accreditation (No. 10-17-OD dated February 24, 2017, fifth edition).

Composition of the previous EEC in TarGU named after M. Kh. Dulati (2019):

1. **Head of the Commission** - Gulnarabayanova Turtkarayeva, Candidate of Pedagogical Sciences, Associate Professor, Sh. Sh. Kokshetau State University Ualikhanov (Kokshetau);
2. **Foreign expert** – Ignacio Menéndez Pidal de Navascués, Professor, Doctor in Civil Engineering, Polytechnic University of Madrid (Madrid, Spain);
3. **Foreign expert** - Livia Nistor-Lopatenco, Ph. D. in Engineering, Dean of the Faculty Constructions, Geodesy and Cadastre, Technical University of Moldova (,Republic);
4. **Expert**-Ismailova Guzal Amitovna, PhD, ass. prof., Kazakh national University named after Al-Farabi (Almaty);
5. **Expert**-Kalymova Kulziya Krashevna, PhD, Eurasian National University named after L. Gumilyov (Nur-Sultan);
6. **Expert** - Shaikenova Kymbat Hamitovna, Candidate of Agricultural Sciences, Associate Professor, S. Seifullin Kazakh Agrotechnical University (Nur-Sultan);
7. **Expert** - Aldungarova Aliya Kairatovna, PhD, Associate Professor, S.Toraigyrova Pavlodar State University (Pavlodar);
8. **Expert** - Idrisheva Zhanat Kabyzbekovna, Candidate of Technical Sciences, D. Serikbayev East Kazakhstan State Technical University (Ust-Kamenogorsk);
9. **Expert** -Mursalimova Elmira Askarovna, Candidate of Biological Sciences, Associate Professor, Kazakh National Agrarian University (Almaty);
10. **Expert** - Khamraev Sheripidinitakhunovich, Candidate of Technical Sciences, Professor, Kazakh National Pedagogical University named after Abai (Almaty);
11. **Expert**-Bulashev Berdibek Kabkenovich, Candidate of Agricultural Sciences, Associate Professor, Kazakh Agrotechnical University named after S. Seifullin (Nur-Sultan);
12. **Expert**-Elena A. Abenova, PhD, Associate Professor, Narkhoz University (Almaty);

13. Sarsenova Lazzat Kadirgalievna, Candidate of Biological Sciences, Al-Farabi Kazakh National University (Almaty);
14. **Expert**-Kopishev Eldar Ertaevich, Candidate of Chemical Sciences, Acting Associate Professor, L. N. Gumilyov Eurasian National University (Nur-Sultan);
15. **Employer**-Akchalova Aigul Sagimbekovna, head of IE "Akchalova", Restaurant "Marrakech", "Piala", "Monterey" (Taraz);
16. **Employer**-Ukasova Aida Khalilovna, Head of Rakhimov IE (Taraz);
17. **Student** - Bitenova Ayana Baktykyzy, 2nd year student of EP "5B080110 - Protection of plant quarantine", Taraz Innovation and Humanities University(Taraz);
18. **Student** - Adilbek Kudaibergen Nazymbekuly, 4th year student of the EP 5B070400- Computer Engineering and Software, Taraz Innovation and Humanities University (Taraz)
19. Student – Kudaibergenova Zhamila Serikbaykyzy, 4th year student"5B011200- Chemistry", Taraz State Pedagogical University (Taraz);
20. **Student** - Umiralkhanov Azizkhan Nazazhkhanyuly, 4th year student of EP "5B010900MATHEMATICS", Taraz State Pedagogical University(Taraz);
21. **The Agency** is Timur Kanapyanov, PhD, Head of International Projects and Public Relations at the National Academy of Sciences (Nur-Sultan).

Recommendations to the university under the previous accreditation procedure for the educational program 6B07215 Food Technology (2019):

Educational Program Management Standard

1. Review the development plans of the EP, taking into account the levels of training and the specifics of the EP. Students, members of the public and the business community should also be involved in forming and monitoring the implementation of EP development plans, with the proposals and results of discussions reflected in the minutes of departments, Academic Councils, etc. Ensure that external reviews of the Company's development plans are compiled.

2. In accordance with the Development Program of TarSU named after M. Kh. Dulati for 2019-2022, in the development Plans of accredited EP, include a section describing possible risks in the implementation of accredited EP, indicating the names of risks, possible consequences in case of non-acceptance and (or) timely response measures, as well as a description of risk management mechanisms and measures.

3. In the self-assessment documents, the EP management should describe the progress achieved in implementing the recommendations received as a result of the previous accreditation procedure.

Additional recommendations of the EEC for EP 6B07215 "Food technology", 6B11201 "Safety of life in the technosphere", 7M11211 "Safety of life in the technosphere":

4. Provide training to the management of EP 6B07215/7M07218 "Food technology" (profiln). 6B11201 / 7M11211 "Life safety in the technosphere" for management programs in education.

5. When developing educational programs 6B07215/7M07218 "Food technology" (profile), 6B11201/7M11211 "Life safety in the technosphere", as well as when implementing them, take into account and include in the content of modules the results of scientific and innovative activities of teaching staff of departments

Standard "Information Management reporting"

1. To the supervising structural division of the university with the leadership of EP 6B07215 "Technology of food products", 7M07218 " Technology of food products "(prof.6B07320 "Production of concrete and ceramic materials", 7M07313 "Modern building materials", 6B11201/7M11211 "Safety of life in the technosphere" systematically analyze the results of the survey with the development of a corrective action plan in the context of EP and

ensuring control over their implementation, as well as taking into account external and internal factors, carry out corrective and preventive actions aimed at: continuous improvement of the EP.

Standard "Development and approval of an Educational Program"

1. Conduct a more in-depth analysis of the content of educational programs, develop joint EP 6B07215 "Food technology", 7M07218 "Food technology" (Prof.), 6B07320 "Production of concrete and ceramic materials", 7M07313 "Modern building materials", 6B11201/7M11211 "Life safety in the technosphere" with partner universities, etc. start implementing them.

Additional recommendations of the EEC for EP 6B07215 "Food technology", 7M07218 "Food technology" (Prof.), 6B11201 "Life safety in the technosphere", 7M11211 "Life safety in the technosphere":

2. The management of EP 6B07215 "Food products technology", 6B11201 "Life safety in the technosphere" should start purposeful work on organizing training of students with professional certification of the EP.

Additional recommendation external links for EP 6B07215 "Food technology", 7M07218 "Food technology" (Prof.):

3. When forming the EP, take into account the influence of the content of academic disciplines and professional practices on learning outcomes, use different types of training and evaluate the learning outcomes of the competence model of the EP. Exclude from the content of master's degree courses the designation " Fundamentals...", repetition of the content of special bachelor's degree courses, without violating the requirements of pre - and post-admission in specialties.

4. In order to provide students with the opportunity to choose EP 6B07215 "Technology of food products", 7M07218 "Technology of food products"(Prof.)develop educational programmes alternative projects.

Standard "Continuous monitoring and periodic evaluation of educational programs"

1. Publish all changes to the MOE on the University's website for interested parties.

Additional recommendation of the EEC on EP 6B07215 "Food technology", 7M07218 "Food technology" (Prof.), 6B11201 "Life safety in the technosphere", 7M11211 "Life safety in the technosphere":

2. Create a working group to monitor the internal content of the MEP for compliance with the relevance and modern requirements of the production activities of graduates, employers and the labor market, based on the results of monitoring, review materials that do not correspond to the content and reflect the data in the minutes of meetings of the department.

3. Ensure that the content of EP disciplines is updated 6B07215/7M07218 "Food Technology" (prof.), 7M11211 "Life safety in the technosphere" with the latest achievements of science, technology innovations and data directions references.

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

1. Annually monitor the teaching of specialized subjects in order to improve the quality of teaching. Making proposals for the introduction of new teaching methods should be reflected in the minutes of meetings of departments.

2. To analyze the existing certificates of advanced training of teaching staff, existing contractual and initiative research at departments in order to include the acquired competencies and research results in conducting specialized disciplines. The data of the analysis and the measures taken should be reflected in the minutes of the departments.

3. After the end of the semester, monitor and analyze the effectiveness and impact of the use of various forms and methods of teaching in the educational process, their own research in the field of teaching methods, as well as the participation of students in research projects on the achievement of planned learning outcomes and academic performance of students."

Additional recommendation for EP 6B07215 "Food technology", 7M07218 " Food technology" (Prof.):

4. The management of EP 6B07215 / 7M07218 "Food technology" should introduce specific indicators into the department's work plans for publishing its own publications in 3 languages.

Standard "Students"

1. In accordance with the University development program for 2019-2020, the University management should include specific indicative indicators for the recruitment of students, including on a contractual basis, in the development plans of accredited universities and start implementing them, with the development and implementation of a career guidance plan.

2. In accordance with the University development program for 2019-2020 (clause 9, clauses 26, 27, 28), the EP management should include indicative indicators in the development plans of educational programs, in the work plans of departments and implement the following items: "participation of students in the program "external and internal academic mobility"", "participation of teaching staff in the program "external academic mobility", "participation of students in competitions for obtaining external grants for training", "increasing the number of students studying in English".

3. The University management should update the activities of the Alumni Association.

4. The EP management should annually develop and implement a plan to attract students to research work and participate in competitions for grant financing of the Ministry of Education and Science of the Republic of Kazakhstan, the World Bank, social projects, competitions of the Foundation of the First President of the Republic of Kazakhstan, Erasmus, Tempus programs, etc..

Standard "Teaching staff"

1. The EP management should develop regulatory requirements for the use of information and communication technologies in the educational process, including online training, MOE, video lectures, and so on.

2. In the work plans of departments, include indicative indicators and implement points for teaching staff publications in journals with an impact factor, as well as in journals included in the CCSON list, participation of teaching staff in international projects and grant programs.

Additional recommendation of the EEC on EP 6B07215 "Food technology", 7M07218 "Food technology" (Prof.), 6B11201 "Life safety in the technosphere", 7M11211 "Life safety in the technosphere":

3. The management of EP 6B11201 / 7M11211 "Life safety in the technosphere" should bring into compliance with the regulatory requirements the availability of full-time teaching staff with basic education who implement accredited EP. Special attention should be paid to the percentage of students who have completed their master's theses and the qualitative composition of teaching staff, including those who have completed their master's theses, for compliance with the qualification requirements of the supervisors of students' master's theses.

Standard "Educational Resources And Student Support Systems"

1. Organize work on the installation of guide markings and color indicators and signs for visually impaired students and employees, installation of garbage trucks in the university buildings. Develop a version of the university's website for people with visual disabilities.

2. The supervising structural division, in accordance with the site regulations, should start working on the site's content, with the development of uniform requirements and forms for the users responsible for submitting information.

3. The university management should consider the possibility of increasing the area for organizing meals for students in the Technological Building, installing garbage trucks in the university buildings.

4. The EP management should include in the work plan of the department and faculty for 2020-2023 a number of measures to develop a plan for publishing educational and methodological literature in English and start implementing it.

Public Awareness Standard

1. Post on the site more complete information about the implemented educational programs (CEDs with a list of disciplines and the number of credits, WC , etc.), with the attachment of the mopaccredited educational programs,as well as complete information about the teaching staff (research direction, taught disciplines, work experience, main scientific works, etc.).

Standard "Standarts respecification specialties"

1. To strengthen the practice-oriented nature of accredited educational programs, taking into account the requirements of the labor market and professional associations of employers, by increasing the time allocated for industrial practice on the basis of enterprises and organizations, conducting practical and laboratory classes at the branches of departments starting from the 2nd year of study, conducting excursions, seminars and round tables by representatives from production, including current problems in the topics of master's classes. projects.

2. Provide teaching based on modern achievements of science and practice in the field of modern information technologies within the framework of accredited educational programs.

On December 20decision of the IAAR Accreditation Council, the educational program 6B07215 Food Technology implemented by M. Kh. Dulati was accredited for

To implement the recommendations, the university developed an action plan approved on January 14, 2020. The results of the planned activities are reflected in the interim reports of TarRU named after M. Kh. Dulati.

Post-monitoring control to assess the implementation of the recommendations of the IAAR EEC formed based on the results of specialized accreditation of the educational program 6B07215 Food Technology was conducted at the M. Kh. Dulati TarRU on Post-accreditation monitoring of the activities of TarRU named after M. Kh. Dulati was carried out within the framework of the action plan for implementing the recommendations of the EEC and was carried out in accordance with the requirements of the regulation on conducting post-accreditation monitoring.

Post accreditation monitoring of the activity of TarRU named after M. Kh. Dulati showed that in general the recommendations given by the EEC are being implemented, with the exception of some recommendations.

At the same time, the members of the EEC who conducted the reaccreditation and *established from 23 to 25 May 2024, together with this, the members of the EEC who conducted reaccreditation* , that the following work was carried out on the recommendations of the previous EEC: branches of departments and new laboratories were opened, M. D. Kenzhekhodzhaev, head of the Department "Food Production and Biotechnology", took PC courses on the topic "Management of educational organizations for managers". The EP manual includes the results of research and innovation activities of teaching staff of departments in the content of modules. For example, according to EP 6B07215 " CCI "in the 2022-2023 academic year, the discipline" Formation of Greenskills in the food and processing industry " was tested, the content of which is based on the achievements of science, the results of scientific research of the Faculty of the department.

The university conducts an annual online survey of students, teachers, graduates and employers. For example, a survey of graduates and employers is conducted by the Career and Professional Development Center. In addition, students of the EP take part in the sociological survey "Questionnaire for University students (employment)". Materials and analysis of the results of the survey "On the results of internal and external examinations of educational programs in the educational process and the need for their development" are presented.

A brief analysis of the harmonization of educational programs for the implementation of academic mobility of students is given. There is a description of data on partnership relations with universities of the Republic of Kazakhstan and the Russian Federation, namely on the implementation of the academic mobility program, participation in summer schools.

The university has ensured the availability and functioning of a system of individual assistance and counseling for students and conditions for promoting students along an individual educational path in the form of SDR-contents.

In the 2021-2022 academic year, a working group was created at the Department of "DIB" to monitor the internal content of the WC and their compliance with the relevance and modern requirements of the production activities of graduates and employers. Based on the monitoring, changes in the content of were recommended based on the requirements of professional standards, taking into account the requests of stakeholders.

Monitoring of the quality of classes is carried out in the form of mutual visits to classes, monitoring of open classes. The results of the monitoring and proposals for the introduction of new methods are reflected in the minutes of the meeting of departments.

Faculty members of departments regularly improve their skills, have certificates and publications in rating journals.

The EP management engages students in the activities of the student scientific circle "Gylym Alemi". Based on the results of the circle, students annually participate in various research competitions. Among the students, prize-winners are awarded.

The University has developed a regulatory document on the use of teaching staff of information and communication technologies in the educational process, including online training, MOE, video lectures, etc.: "Working instructions" Requirements and recommendations for the development of online courses published on the open education platform "(approved on 27.04.2021), "Competition Regulations for the development of mass open online courses" (approved on 27.04.2021).

However, there are comments on the Development Plans of the EP: the development plans of the EP are not presented, the publication of the development plans of the EP is not observed on the website of the university, respectively, it is not possible to draw conclusions about the participation of external and internal stakeholders in the design of the development plans of the EP, as well as to make sure that Define a section on risk forecasting and prevention in the content of the EP development plan, with a description of management mechanisms and measures.

Also, based on the results of the survey of stakeholders, the analysis of the results of the survey, plans for corrective and preventive actions are not presented, as well as the procedure for ensuring control over their implementation is not described. It does not describe the use of various types of training and assessment of learning outcomes of competence-based models of EP. Alternative trajectories have not been developed for the educational program. The information provided on the university's website is not always up-to-date. There are individual indicators for the implementation of the program "academic mobility of students". The Alumni Association is not active.in the context of dual training at the planning stage.

The members of the EEC note that the recommendations made by the EEC of the IAAR have been generally implemented, while a small part of the recommendations have been partially implemented. The work was carried out in accordance with the Plan for implementing the recommendations. The measures and actions taken by the university contributed to improving the quality of the EP.

(V) DESCRIPTION OF THE EC SESSION

The work of the EEC was carried out on the basis approved Visit Program of the Expert Commission for specialized accreditation of educational programs Taraz Regional University named after M. Kh. Dulati in the period from 23 to 25 2024.

In order to coordinate the work of the EEC, an schedule was clarified, and agreement was reached on the 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, meetings were held with the rector, vice-rectors of the university in their areas of activity, heads of structural divisions, heads of departments, teachers, students, graduates, employers. A total of participated in the meetings (Table 1).

Table 1-Information about employees and trainees who participated in meetings with the IAAR EEC:

Category of participants	Quantity
Chairman of the Management Board - Rector	1
Vice-Rector's Office	5
Heads of structural divisions	27
Deans	1
Heads of departments	6
Teachers	18
Students, undergraduates, doctoral students	15
Graduates	8
Employers	3
Total	84

During visual inspection EEC members got acquainted with the state of the material and technical base, visited the following laboratories: bread and pasta technologies, biotechnologies, technical microbiology, plant physiology and biotechnology, technical microbiology, goods examination, product safety testing and control, technological processes and apparatuses, educational and scientific production site "Ornek" and the educational and scientific production site "Sheber".

At the meetings IAAR with the university's target groups, the mechanisms for implementing the university's policy were clarified and certain data presented in the university's self-assessment report were specified.

The EEC members visited the practice bases of accredited programs: IE "Khlebny dar", LLP "LFCompany", IE "MIRAS", LLP "Fabrika POSH-Taraz".

According to the program of the visit, classes were not held in accredited educational institutions according to the approved schedule.

In accordance with the accreditation procedure, 56 teachers and 63 students, including junior and senior students, were interviewed.

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

Within the framework of the planned program, recommendations for improving the accredited educational programs of Taraz Regional University named after M. Kh. Dulati, developed by the EEC based on the results of the expert examination, were presented at a meeting with the management on 25.05.2024.

(VI) COMPLIANCE WITH SPECIALIZED ACCREDITATION STANDARDS

6.1. Educational Program Management Standard

- *University must demonstrate the development of the goal and strategy for the development of EP based on the analysis of external and internal factors with a wide involvement of various stakeholders.*
- *A quality assurance policy should reflect the relationship between research, teaching, and learning.*

- *The university demonstrates the development of a quality assurance culture.*
- *Commitment quality assurance should apply to any activity performed by contractors and partners (outsourcing), including the implementation of joint / two-degree education and academic mobility.*
- *The EP management ensures in the development of the EP development plan 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 interested parties.*
- *The EP management demonstrates the functioning of mechanisms for forming and regularly reviewing the EP development plan and monitoring its implementation, evaluating the achievement of training goals, meeting the needs of students, employers and society, and making decisions aimed at continuous improvement of the EP.*
- *The management of the EP should involve representatives of groups of interested persons, including employers, students and teaching staff, in the formation of the development plan of the EP.*
- *The management of the educational institution should demonstrate the individuality and uniqueness of the educational institution 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 framework of the EP, the distribution of job responsibilities of personnel, and the division of functions of collegial bodies.*
- *The EP management ensures coordination of the activities of all persons involved in the development and management of the EP and its continuous implementation, as well as involves all stakeholders in this process*)
- *The management of the EP should 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 manage risks.*
- *The management of the EP should ensure the participation of representatives of interested parties (employers, teaching staff, students) in the collegial 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 framework of the EP, including the analysis and implementation of innovative proposals.*
- *The EP management should demonstrate its openness and accessibility to students, teaching staff, employers, and other interested parties*)
- *The EP management confirms the completion of training in educational management programs.*
- *The EP management should strive to ensure that progress made since the last external quality assurance procedure is taken into account when preparing for the next procedure.*

Proof part

NPJSC "Taraz Regional University named after M. Kh. Dulati" adopted and approved the main regulatory documents defining the Policy in the field of quality culture: Charter, Internal regulations. The quality assurance policy was developed on the basis of the Development Program of Taraz Regional University named after M. Kh. Dulati for 2023-2029,

The quality assurance policy in the University Development Program for 2020-2025 is presented on the university [website](#) reflects the current aspects of the development of education and science at the time of approval.

Implementation of EP 6B07214, EP 6B07215, EP 6B07211, EP 7M07211, EP 7M07201 is determined by the goals and development plan developed in accordance with the mission of the educational organization, reflecting the place of the university in the market (international, national, regional) of educational services. Educational programs are available on the website <https://dulaty.kz/ru/admission/edu-programs/bachelor-course-rus.htm>, <https://dulaty.kz/ru/admission/edu-programs/master-edu-programs.html>.

Managers of the EP with the direct participation of stakeholders and students have developed Development Plans:

- EP 6B07214- Technology and engineering of food and processing production (protocol No. 11 of 25.05.2023);
- EP 6B07215-Technology of food products (Protocol No. 11 of 25.05.2023);

- EP 7M07201-Technology and engineering of food and processing production (Protocol No. 9 of 24.03.2023);
- EP 6B07211 - "Innovative textiles", - OP 7M07211 - " Innovative textiles "(Protocol No. 1 of 28.08.2023).

Plans development of Educational programs" are designed for 5 years. The last update of the EP, taking into account the recommendation of stakeholders, was made in accordance with the Regulation on the design and updating of educational programs No. PR-339 of 09.06.2022 registration number 47.

For example, for EP 6B07214-Technology and engineering of food and processing production EP 6B07215-Food processing technology products 17.08.2023; 7M07201-Technology and engineering of food and processing production; - 17.04.2023 7M07211-Innovative textiles No. 16 dated 17.08.2023

TarRU defines the mechanisms for the formation and revision of the EP (Regulation on the design and updating of educational programs 09.06.2022 № PR-9 - <https://dulaty.kz/ru/vnutrennie-normativnye-dokumenty-universiteta.html>), Regulation on monitoring and evaluation of educational programs of 27.12.2023, Protocol No. 7; Regulation on the development of the Development Plan of the EP protocol No. 6 of 15.01.2024.)

There are expert opinions on development plans OP 6V07214-Technology and engineering of food and processing production; EP 6B07215-Food technology; EP 7M07201-Technology and engineering of food and processing production; EP 6B07211-Innovative textiles; 7M07211-Innovative textiles.

Employers, trainees, and teaching staff are involved in the development of EEC development plans. Quality assurance of EP 6B07211 - "Innovative textiles" and 7M07211 - "Innovative Textiles" is determined by the following participants of the educational process: Candidate of Technical Sciences, Associate Centershardarbek M. Sh., Candidate of Technical Sciences, Professor Badanov K. I., Candidate of Technical Sciences, acting Associate Professor Rakhmanova Zh. S., PhD Makanbetalieva K. T., Master Absalimov A. A., Master's student Sargulova A., 3rd year students: Sauytbekova D. N., Usypbekova B. S., POH-Taraz LLP.

The quality assurance culture applies to all partners of the university: contractors for the construction of the dormitory building, canteens and buffets, and partner universities for academic mobility.

The university has a Career and Employment Center that supports communication with graduates and their promotion in the labor market. Job fairs and meetings with stakeholders are held annually.

Resources for the implementation of the EP are the material and technical base of the university, teaching staff, practice bases and branches of departments.

The functions of collegial bodies are fixed in the regulations of the university. The educational program is managed on the principles of transparency and collegiality. The programs are available on the official website of the University <https://dulaty.kz/ru/admission/edu-programs/phd-edu-programs.html> results of training are presented in the Platonus AIS and are available to each student in real time. Interested persons can get additional information on the OP on the pages of departments on the university website, on pages in social networks.

The design and implementation of the EP are regulated by the EP development program. Achievement of target indicators in the implementation of the EP is evaluated at the end of the academic year and discussed at a meeting of the department.

The rector's blog is available on the university's website <https://ksu.edu.kz/ru/rectors-blog>. All interested persons can address suggestions, feedback, and questions to the Rector of the University.

The results of a survey of students conducted by EEC IAAR showed that:

- –81% of students are "fully satisfied" with the dean's office's accessibility level.

- –82.5% of students are "fully satisfied" with the availability of academic counseling;
- –82.5% of students are "completely satisfied" with the availability of counseling on personal problems.
- –85.7% of students are "completely satisfied" with the level of accessibility and responsiveness of the management.

According to the results of the survey of teaching staff, it was established that:

- -The degree of academic freedom is rated "very good" - 46.4%," good " - 44.6% of teachers;
- -Involvement of teachers in the process of making managerial and strategic decisions is rated "very good" - 23.2%," good " - 66.1%;
- -to the question "How is the innovative activity of teaching staff encouraged?" 44.6% gave the answer "very good", 46.4% - "good" teachers.

Members of the IAAR EEC note that the university has a feedback system, the management, deans and heads of departments conduct reception hours, which allows employees, students, parents and other interested parties to contact with questions and suggestions.

Analytical part

The EC notes that the strategic goals of the university, its mission, vision and strategy are developed taking into account the available financial, informational, human and material-technical resources.

When developing educational programs, the national development priorities of the Republic of Kazakhstan until 2025 and the development strategy were taken into account. The implementation of the EP fully complies with the legislation of the Republic of Kazakhstan in the field of education, including the NQS, the State Educational Standard of the Republic of Kazakhstan, and is also determined by the mission, vision, and development strategy. The strategy includes 6 areas: Academic excellence; Scientific leadership and global vision; Operational Excellence; Development of chemical and technological schools; Ensuring effective and sustainable development of the water industry; and An effective model of teacher education and Science.

Bachelor's and Master's degrees are prepared at the Department of Food Production and Biotechnology. The EP management carries out its activities for training certified specialists on the basis of the Law of the Republic of Kazakhstan "On Education", the university charter, the curriculum and programs of disciplines developed in accordance with the established procedure.

The EEC held meetings with the university's management, heads of structural divisions, teachers, students, graduates, and employers. Based on the results of the interview, the commission notes that some teaching staff, students and graduates do not have a clear idea of where the university is going, what goals it is pursuing.

During the interview, the HEC experts did not receive confirmation that when approving or revising the quality assurance policy, the development plan of the EP, the procedure is carried out with the involvement of all interested parties. There are protocols at the department, but students, employers and graduates could not confirm that they are familiar with these documents, with the procedures and mechanism for approving these documents, which indicates a formal approach to the formation of guidance documents.

Teachers, according to the approved plans, regularly undergo advanced training at the city's enterprises, on the topics of the subjects taught, on the management of educational processes management. The results of scientific research are reflected in scientific publications of teaching staff, research papers of students. Open classes are held, but there is no evidence that teaching staff use and implement innovative teaching technologies in the educational process during laboratory and practical classes.

However, during the meetings with the heads of departments, the experts of the Higher School of Economics found out that students of EP 6B07211 - "Innovative Textiles", 7M07211 Innovative Textiles not choose the learning path.

When implementing an EP, there are always certain risks, both internal and external. The EP development plan presents strengths and weaknesses, but it is necessary to conduct a professional risk assessment, including identifying the threat, determining the level of danger, and developing measures or recommendations to eliminate this risk.

Thus, the purpose of the educational program is consistent with the goals and mission of Izadachamtarru im. Dulati. These are reflected in the training cycles of the EPP 6B07214 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production", 6B07211 - "Innovative Textiles" and 7M07211 - "Innovative textiles" as well as in other types of educational work of students.

Training of specialists EP 6B07211 - "Innovative textiles", EP 7M07211 Innovative Textiles, is primarily aimed at meeting the needs of the region, which determines their uniqueness and specificity. Regional stakeholders are involved in the development of the goal and EP, which increases the uniqueness and regional orientation of these educational programs.

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative textiles":

not detected.

Recommendations for EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative textiles":

- EP management inform the employees studying at the University about by 01.09.2024.
- involve all interested parties - students, graduates, employers, teaching staff and partners - in the formation of the Goals, Strategy, and Development Plan by 01.09.2024.
- According to the results of R & D of teaching staff, the institution should use innovative technologies (methods) of teaching in the educational process and conduct their annual analysis (2024-2025 academic year);
- The university management should develop a mechanism for improving the quality culture until 01.09.2024.
- The management of accredited EP should include in the development plan of the EP a section describing possible risks in the implementation of accredited EP, indicating the name of risks, possible consequences, and a description of risk management mechanisms and measures until 01.09.2024.

EEC conclusions on criteria:

According to the standard "Educational program management", educational programs 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 Innovative textiles "have 16 satisfactory positions, 1 implies improvement.

6.2. Information Management and Reporting Standard

• University must demonstrate the development of a goal and strategy for the development of EP based on the analysis of external and internal university must ensure the functioning of a system for collecting, analyzing and managing information based on modern information and communication technologies and software tools.

• EP management demonstrates the 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 divisions and departments within the EP, including an assessment of their performance.

• The university must determine the frequency, forms and methods of evaluating the management of the EP, the activities of collegial bodies and structural divisions, and top management.

• The university must demonstrate a mechanism for ensuring information security, including identifying those responsible for the accuracy and timeliness of information analysis and data provision.

• 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.

• EP management should demonstrate the existence of mechanisms for communication with students, employees, and other stakeholders, including conflict resolution.

• The university should measure the degree of satisfaction with the needs of students, teaching staff and staff within the framework of the EP and demonstrate evidence of addressing the identified shortcomings.

• The university should evaluate the effectiveness and efficiency of its activities in the context of EP.

• The information collected and analyzed by the university within the framework of the EP should take into account:

- key performance indicators;
- dynamics of the student body in terms of forms and types;
- level of academic performance, student achievement, and deduction;
- students' satisfaction 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 development of graduates.

• Students, teaching staff and staff must document their consent to the processing of personal data.

• The management of the EP should help to provide the necessary information in the relevant fields of science.

Proof part

To automate the process of collecting, analyzing and managing information, Taraz Regional University named after M. Kh. Dulati has implemented and operates systems for collecting, analyzing and managing information based on the use of modern information and communication technologies and software tools: information management within the official website of the university, a folder for information exchange between structural divisions "Public\$", management of information exchange between structural divisions "Public\$". academic information within the framework of AIS "Platonus" 6.0, integrated library information system <http://lib.dulaty.kz/index.php/kz/>, the programs "1-C Enterprise" and "1-C Personnel accounting".

The main information resource potential of the university is the library. Dulati University is a member of the International Federation of Library Associations and Institutions IFLA, the Association of University Libraries of the Republic of Kazakhstan <http://lib.dulaty.kz/index.php/kz/>.

The university has identified those responsible for the functioning of information systems, software resources, and the accuracy of the information used: to the press secretary of the university's Media Service (<https://dulaty.kz/ru/ob-universitete/strukturnye-podrazdeleniya/cim.html>) director of the of the Department for Academic Work, Information Support Sector AIS "Platonus" <https://dulaty.kz/ru/ob-universitete/strukturnye-podrazdeleniya/2020-01-30-05-49-58/item/2355>.

The functioning of information systems for collecting, analyzing and managing information is regulated by PD 3.37-2023 "Academic Policy of Taraz Regional University named after M. Kh. Dulati", (<https://dulaty.kz/ru/education/academic-policy.html>), which reflects the ensuring openness and transparency.

The management of educational programs places information about all aspects of development, formation, approval and implementation in the local information network "Public\$".

<https://dulaty.kz/ru/email address>. Placement of information about the EP and its development plan is carried out through information stands and the official of the University [Invitations are sent to interested parties at](#) .

Development program of Taraz Regional University named after M. Kh. Dulati <https://dulaty.kz/2019-09-23-06-33-53/university-development-program-kaz.html> developed collectively, discussed by the Academic Council and approved Board of Directors, which is the highest collegial management body.

<https://dulaty.kz/ru/ob-universitete/strukturnye-podrazdeleniya/2020-01-30-05-49-58/item/2357> [To effectively manage the EP, the Academic Affairs Department oversees the annual update of the EP](#) .

Students, teachers and employees of the university have the opportunity to file a complaint about the quality organization of the educational process and social and creative development, as well as with a request for their permission to the public reception <https://dulaty.kz/ru/qogamdyq-qabyldau.html>. Conflict situations are resolved in the University Ethics Council <https://dulaty.kz/ru/sostav-soveta>. In order to prevent conflict situations, the University has approved and put into effect the following documents: <https://dulaty.edu.kz/ru/education/academic-policy.html-1-102020> "Rules of academic integrity of teachers, employees and students", the document is posted on the university's website in the "Training"/ "Academic Policy" tab [PD](#).

Career Center and business partnerships <https://dulaty.kz/ru/ob-universitete/strukturnye-podrazdeleniya/2020-01-30-05-49-58/item/4129> also provides feedback from enterprises and organizations on the quality of training graduates of the university where students work.

In order to support students, teaching staff and employees in accessing modern databases under a national license, open access to the world resources of scientific publications of foreign companies of Clarivate Analytics companies is provided in the Web of Science platform. (<http://webofknowledge.com>), SpringerLink www.link.springer.com, Scopus (<https://www.scopus.com>), ScienceDirect (<https://www.sciencedirect.com>) Elsevier companies (<http://www.elsevier.com>). Since 08.04.2018, full access to the "Premium" version of EBS IPRbooks has been opened (<http://iprbookshop.ru/>).

Based on the results of a survey of students, it was established that:

- quick response to feedback from teachers about the educational process "fully satisfied"-82.5%; "partially satisfied"-14.2% of students;

According to the results of the survey of teaching staff, it was established that: only 12.5% of .

Analytical part

EEC IAAR notes that the university has an information and reporting management system. Data is stored in electronic and paper formats in accordance with the nomenclature. The system of collecting, analyzing and managing information is based on the use of information and communication technologies and software tools.

To manage educational, educational, and financial processes, the main information flows are formed, which are categories: employees, students, and general information of the university. For example, information on the category "Employees" contains: personal data (AIS "Platonus": card file); information about employees - place of work, position held, name of the

structural division, academic and academic degree (AIS "Platonus": various administrative reporting forms, official website of the university: introductory information); information about disciplines (AIS "Platonus": formation of WC, IEP, planning of the academic load of the department); information about advanced training – used for planning the passage of teaching staff of advanced training courses, as well as the formation of administrative reporting form No. 6 "Information about teacher training"; information about participation in research projects – used for planning the participation of teaching staff in research and development, as well as for forming administrative reporting forms "Information about teachers and / or researchers who have publications in scientific journals with an impact factor", " Information about innovation activities through the integration of education and science based on transfer the results of scientific research in production" and "Information on income from the implementation of the results of research and development work".

Management of the university is based on the principles of combining unity of command, collegiality, electivity and openness. For the security of Internet resources at the university, the "Regulation on Information Security of the Non-profit Joint-Stock Company Taraz Regional University", approved by the decision of the Board of Directors of 20.08.2021, posted on the university's website, is used.

The process of assessing satisfaction with the needs of students and teaching staff involves the use of primary information collection methods – questionnaires. During interviews with teaching staff and students, respondents were told that the survey is conducted anonymously at the end of the exam session and at the end of the school year. Many teaching staff noted that they express their wishes and suggestions for improving the educational process at the university. To the question of the members of the expert commission, how they learn about the results or the implementation of their wishes, there was no affirmative answer, which means that there is no feedback from consumers, information about the results of activities related to the activity, achievements, development of the EP is not brought to the attention of interested parties and is not discussed in the team.

During the academic year, the university hosts training seminars, competitions of scientific developments of undergraduates, student scientific conferences, scientific and practical conferences with the participation of teaching staff.

In general, students, teaching staff and graduates are satisfied with the quality of education. During the interview, employers expressed a desire to strengthen training in management solutions to production issues.

Employers also emphasized that they do not have enough specialists with engineering training skills, that graduates of accredited EP do not know how to work on modern devices and equipment, and they do not have enough practical skills.

Students and graduates also noted the poor performance of laboratory and practical classes, which are necessary for acquiring professional skills of the future profession.

Taking into account the relatively small number of students enrolled in accredited educational programs, who mainly study under a state educational grant, the employment rate of graduates is 80%.

Interviews with graduates were mostly attended by representatives of other accredited educational institutions. The head of the EP did not provide the members of the expert commission with an analysis of the employment of graduates in the context of accredited OP, and therefore it is difficult to draw a conclusion about whether graduates work in their specialty, what is the problem of employment, whether the career growth of graduates is analyzed and, accordingly, whether training in this specialty is in demand. should be noted that the best graduates of the master's program are accepted for teaching work at the university.

Strengths/best practices in the EP "6B07214 Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative Textiles":

- Rating analysis is used as one of the key indicators of the effectiveness of teaching staff and the work of departments at the university, the purpose of which is to stimulate the growth of qualifications, professionalism, productivity of pedagogical and scientific work, and the development of creative initiative of teachers.

Recommendations for EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 "Innovative textiles":

- The EP management should strengthen the laboratory and practical training of students of accredited EP, for more practical training of students and the formation of modern competencies in technology, food processing until 01.09.2024;

- The EP management should bring information and results about the activities and effectiveness of the implemented EP to the teaching staff and students, with its constant analysis (2024-2025 academic year);

- Career and Business Partnership Center to conduct an analysis of employment and career growth of graduates of accredited educational institutions, with its constant analysis until 01.05. 2025

- The university management needs to expand the number of employers and organize regular meetings with graduate students on employment issues until 01.01.2025;

- In order to increase the number of students and integrate science and production, it is recommended that the EP management draw up a development plan for the EP with an analysis of the current situation and attract applicants to the master's program EP 7M07211 – "Innovative Textiles" until 01.03. 2025.

EEC conclusions on criteria:

According to the standard "Information management and reporting", the educational programs "6B07214 Technology and engineering of food and processing production 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production", 6B07211 - "Innovative textiles", 7M07211 - "Innovative textiles" have 1 strong, 14 satisfactory positions, 2 assumes improvement.

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

• *The university must demonstrate that there is a documented procedure for developing the EP and its approval at the institutional level.*

• *The university must demonstrate that the developed EP meets the established goals and planned learning outcomes.*

• *The EP management should determine the impact of disciplines and professional practices on the formation of learning outcomes.*

▪ *The university demonstrates the existence of a graduate model of the EP, which describes the results of training and personal qualities.*

▪ *Qualification awarded upon completion of the EP should be clearly defined, explained and correspond to a certain level of the NQS QF-EHEA.*

▪ *The EP manual should 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 EP management should ensure that the content of academic disciplines and learning outcomes correspond to each other and the level of study (bachelor's, master's, doctoral studies).*
- *The EP management must demonstrate that external reviews of the OP are conducted.*
- *The EP management should provide evidence of the involvement of students, teaching staff, and other stakeholders in the development and quality assurance of the EP.*
- *The EP management should demonstrate the uniqueness of the educational program, its positioning in the educational market (regional/national/ international).*
- *An important factor is the ability to prepare students for professional certification.*
- *Important factor is the availability of joint (s) and/or two-degree programs with foreign universities.*

Proof part

The procedure and procedure for the development and approval of educational programs are carried out in accordance with the regulated "Regulation on the design and updating of educational programs" (No. PR-339 of 09.06.2022), approved at the institutional level on the basis of the decision of the Academic Council Protocol No. 13 of May 25, 2022

The Bachelor 6B07214-Technology and Engineering of food and Processing Industries, EP 6B07215 - Technology of food products developed in accordance with the State Mandatory Standard of Education for All levels of education, approved by Order of the Ministry of Education and Science of the Republic of Kazakhstan No. 2 dated 20.07.2022. (with amendments and additions on 19.01.2023, order of the Ministry of Internal Affairs No. 21 of 19.01.2023).

The goals are reflected in EP 6B07214-Technology and engineering of food and processing industries, EP 6B07215-Technology of food products and EP 7M07201-Technology and engineering of Food and processing industries

The EP passport contains the following information: the code and name, the purpose of the EP, the degree awarded, the list of qualifications and positions, the scope, subject, type, functions and content of professional activities, key competencies, learning outcomes, the content of the EP, a summary table showing the amount of credits and competencies being formed by the EP modules, strategies and methods monitoring and evaluation of learning outcomes.

The employer and employees of the enterprise participated in the development of EP components, so in EP 6B07215 Food technology - "LFC company", according to EP "7M07 201 Technology and engineering of food and processing production" and 6B07214 Technology and engineering of food and processing production "implemented-IP" Kozin A. A. " with the trademark "Bread gift".

To carry out the examination of educational programs at the faculties, committees on working curricula have been formed, which check the WCs developed by the department for compliance with the established internal requirements of the university's quality system.

Updating of EP 6B07214, EP 6B07215, EP 7M07201 carried out in accordance with the "State mandatory standard of higher Education" approved by the order of the Minister of SHE No. 2 of July 20, 2022 (with amendments and additions of January 19, 2023 order No. 21) and recommendations of employers.

Based on PD 11/13. 04-2017 "Regulations on policy of academic recognition at TarSU M. Kh. Dulati" in accordance with Dublin Descriptors the university adopted system for converting Kazakhstan credits into ECTS .

The Department of Food Production and Biotechnology cooperates with Moscow State University of Food Production (Moscow, Russia); Voronezh State University of Engineering Technologies (Voronezh, Russia); University of Applied Sciences (Berlin, Germany); State Biotechnological University (Kharkiv, Ukraine); Sumy Agrarian University (Sumy).

EP 6B07211 - "Innovative textiles", 7M07211 - "Innovative Textiles" were reviewed, discussed and approved in stages – at a meeting of the department, reviewed by the Quality

Assurance Commission, reviewed and approved by the Academic Council of the university (Protocol No. 16 of 17.08.2023).

The group of developers of the EP included-Candidate of Technical Sciences, Associate Centershardarbek M. Sh., Candidate of Technical Sciences, Professor Badanov K. I., Candidate of Technical Sciences, acting Associate Professor Rakhmanova Zh. S., PhD Makanbetalieva K. T., Master's student Absalimov A. A., Master's student Sargulova A., 3rd year students: Sauytkova D. N., Usybekova B.S., "POSH-Taraz" LLP.

According to the recommendations of the enterprise I Miras, the curriculum of EP 6B07211 - "Innovative textiles" includes the following subjects: "Professional and applied specialty programs", "Fundamentals of textile chemistry", "Range of textile materials and products", EP 7M07211 - "Innovative textiles" - "Innovative development of preparatory production", "Entrepreneurship for engineers".

A graduate of 6B07211 - "Innovative Textiles" in the direction of training 6B072 - "Manufacturing and processing industries" is awarded a bachelor's degree in Engineering and technology under the educational program 6B07211-"Innovative Textiles".

EEC members are presented with contracts with various organizations in the OP profile 6B07211 - "Innovative Textiles", 7M07211 - "Innovative Textiles": "Factory POSH-Taraz" LLP, "TarazKozHobuv" LLP, "Bidaulet" LLP, "AZALA Textile" LLP (Shymkent), IP "MIRAS", "Shymkent-Cashmere" LLP, "TarazTannery" LLP.

Students of accredited educational programs participate in research activities. For example, on the basis of an agreement signed on August 30, 2019 with the Federal State Budgetary Educational Institution of Higher Education "Moscow State University of Food Production" (Moscow, Russia). 2nd year students of EP 6B07215 "Food technology" R. Korolev, Sh. Mushbaev, K. Sirgelbek passed the summer school "Summer University 2022", the period of passing from 10.07.22-24.07.22. OP 6B07215 "Technology of food products" Asimov Sh. passed the course "Novice confectioner" at the company "Maisa_Taraz" from 17.01.2022-17.02.2022. of EP 6B07214-Dosmyrza Zh., Kenzhebek M., Satybaldy A., Shimyrbay A. and EP 6B07215-Karibek M. and Omen Zh. passed the winter school "Auezov International Winter University", the period of passing from 01.02.2021-12.02.2021. (South Kazakhstan University named after M. Auezov At the end of the course, students received a certificates.

Based that:

-compliance of the content with the quality of implementation of the educational program with the expectations of the market for work and teachers is rated "very good" by 32.1%, "good" by 58.9%, and "relatively bad" by 8.9% of teachers;

-focus of educational EP / training programs on the formation of students 'skills to analyze the situation and make forecasts is estimated at "very good" - 28.6%, at "good" - 64.3% teachers;

-support of the university and its management in the development of new educational programs/academic disciplines/teaching methods is rated "very good" by 33.9%, and "good" by 60.7% teachers.

Based on the results of a survey of students, it was established that:

79.3% of students are "fully satisfied" with the quality of educational programs in the EP, and 14.2% are "partially satisfied".

- the overall quality of the educational program is "fully satisfied" - 77.8%, "partially satisfied" - 17.5%, "partially dissatisfied" - 1.6%, "not satisfied" - 1.6% of students.

Analytical part

The content of educational programs for all categories of students is focused on student-centered learning using credit technology, interactive methods and the implementation of a competence-based approach.

Taking into account modern professional requirements, the needs of the labor market and the proposals of employers, the content of the EP is systematically reviewed and changes are made. The teaching staff of the department, as interested persons, directly participate in the development of educational programs, through the development of new disciplines. However, during the conversation, employers were not able to confirm their participation in the development of accredited EP.

The EEC members came to the conclusion that the university defined and documented the methodology for developing the EP, as well as the procedure for conducting all the procedures for approving the EP.

During the meetings with the heads of educational institutions, teaching staff, it was announced that one of the forms of joint cooperation with employers in the development, management and implementation of educational programs is to conduct classes at the enterprise by practitioners. Various types of activities are provided for in the structure of the EP, and elements of dual education are introduced.

Learning outcomes are linked to credits and competencies, competence and practice orientation in educational programs, based on Dublin descriptors, taking into account ECTS and national, European qualification frameworks.

Training of students in EP 6B07214, EP 6B07215, EP is aimed at the formation of general and professional competencies.

When analyzing the Development Plan of the EP, the expert commission notes that the section "Uniqueness of the educational program" describes the results of training and employment opportunities for graduates, and EP 7M07201.

The content of the educational program provides for the presence of components for preparing for professional activities that develop key competencies, but students and graduates note poor training in basic (special) disciplines, which causes them certain difficulties in passing professional practice and when applying for a job.

An important factor in the development of the EP of accredited programs is the possibility of professional certification of students in additional courses, participation in innovative competitions, conferences, etc.

When conducting interviews with employers, the opinion was expressed about the satisfactory preparation of graduates of accredited educational programs. At the same time, due to the lack of specialists in the dairy industry, it was suggested to direct the specifics of training in the field of "milk and dairy products technology", "meat and meat products technology" and not be limited only to the technology of bread products.

When conducting interviews, students also noted that they have no choice in the direction of training, that they would like to still study in other areas, for example, "catering technology".

The objectives of the EP in accordance with the competencies and learning outcomes are discussed and agreed upon at the meetings of departments, taking into account the recommendations of employers and students, external expertise of the EP is carried out by a third-party organization (an employer organization, a scientific or educational organization of the relevant profile), but many respondents did not know about the possibility of participating in discussions, which indicates the formal participation of stakeholders in the development of OP and expressed their wish to include issues of strengthening the practical training of students.

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative textiles":

not detected.

Recommendations for EP 6B07214 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and

engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 "Innovative textiles":

-expand the number of participants involved in development, coordination, implementation and monitoring programs with a constant analysis of the results (2024-2025 academic year);

-EP management, when implementing and monitoring accredited educational programs, the opportunity to choose a trajectory for students with mandatory inclusion of disciplines aimed at analytical thinking, development of managerial skills and industry economics (until 01.09.2025).

- The EP management needs to review the educational program in order to position it in the educational market, both at the national and international level, before 01.06.2025.

EEC conclusions on criteria:

According to the standard "Development and approval of the educational program", the educational programs "6B07214 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production" 6B07211 - "Innovative textiles", 7M07211- "Innovative textiles" have 11 satisfactory positions, 1 implies improvement of the quality of the educational program.

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

- The university should ensure that the structure and content of the EP are reviewed, taking into account changes in the labor market, the requirements of employers and the social demand of society.
- The university must demonstrate that there is 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 the EP should consider:
 - content of the program in the context of the latest achievements in science and technology in a particular discipline;
 - changes in the needs of society and the professional environment;
 - students ' workload, academic performance, and graduation rate;
 - effectiveness of student assessment procedures;
 - needs and degree of satisfaction of students;
 - compliance the educational environment and support services with the goals of the EP.
- The EP management should publish information about changes to the EP, inform interested parties about any planned or taken actions within the framework of the EP.
- Support services should identify the needs different groups, students and the degree of their satisfaction with the organization of training, teaching, assessment, and development of the EP in general.

Proof part

The monitoring system is implemented on the basis of the Development Program of Taraz Regional University named after M. Kh. Dulati for 2020-2025 (<https://dulaty.kz/ru/ob-universitete/development-program-of-theuniversity.html>), which provide an objective analysis and evaluation of the quality of educational programs offered by the university through external and internal control.

The processes of continuous monitoring and periodic evaluation of EP 6B07211 Innovative textiles, 7M07211 Innovative textiles are regulated by the regulation PD 3-1. 07-2022 Revision 1 " Regulation on the design and updating of educational programs "(dated 25.05.2022).

Educational programs operating at Dulati University have clearly formulated goals that consistent with mission university, National Qualification System, Classifier of Classes of the National Code of the Republic of Kazakhstan 01-2017, professional standard "Teacher", meet

needs potential consumers, take into account the opportunities for international exchange and correspond current state science.

The process of updating and revising the content and structure educational programs 6B07214, EP 6B07215, EP 7M07201 was carried out: in 2021. (21.01.2021); . (Protokol No. 12 of 23.06.2023), according to EP 7M07201 (Protokol No. 7 of 25.01.2023).

Update of EP 6B07211 Innovative Textiles (Protocol No. 15, 26.06.2023), EP 7M07211 Innovative Textiles (Protocol No. 7, 27.01.2023) were considered at the meetings of the department.

The decision to change the EP is made at a meeting of the Academic Council. (EP 6B07214, EP 6B07215, OP7M07201 in 2021 (Reviewed and approved at the meeting of the Academic Council, protocol No. 3 of "19" 02.2021), 2023 to), according EP 7M07201 (Reviewed and approved at the meeting of the Academic Council, Minutes No. 6, 10.03.2023.)

The mechanism for monitoring the university's achievements is carried out in accordance with the documents PD 3-1. 01-2022 "Academic Policy of Taraz Regional University named after M. Kh. Dulati", PD 2-6-1-2020 "Regulations on current, milestone control and intermediate certification of students", which are posted on the university's website in the "Training" tab/"Academic policy" <https://dulaty.kz/ru/education/academic-policy.html>).

EP 6B07215, EP , which are related, for example, to the introduction of the State Mandatory Standard of Education for All Levels of Education, approved Order No. 2 of the Ministry of Education and Science of the Republic of Kazakhstan dated 20.07.2022. (with amendments and additions as of 19.01.2023, Order of the Ministry of Internal Affairs No. 21 of 19.01.2023), as well as taking into account the requests of stakeholders.

Based that:

- -How much do students' knowledge obtained at the university correspond to the reality of the requirements of the modern labor market – 39.3% rate it "very good", 51.8% rate it "good", 7.1% rate it "relatively bad", 1.8% rate it "bad" and "very bad" teachers each;
- -for 30.4% of teaching staff, the training load "very well" corresponds to their expectations and capabilities; for 55.4% - "good", for 12.8% - "relatively bad".

Based on the results of a survey of students, it was established that:

- -77.8% of students gave the answer "full consent" and 12.7% "agree" to the question: "Is the material proposed by the teacher relevant and reflects the latest achievements in science and practice?";
- -76.2% of students "fully agree" and 19% "agree" with the objectivity of the assessment of knowledge, skills and other educational achievements;
- question: gave the answer "full consent" and 20.6% "agree" to students 76.1% - "Are the evaluation criteria used by the teacher clear and accessible?".

Analytical part

The structure and content of educational programs are updated taking into account changes in the labor market, the requirements of employers and the social demand of society.

Revision of the EP is carried out after the completion of the educational cycle. At the same time, in accordance with the company's requests, changes may also be made during the 4-year cycle of its implementation. Heads of the department where accredited educational programs are implemented, based on requests from the labor market, employers and society, formulate proposals for making changes to the EP.

One of the main criteria for the effectiveness of the EP is the academic performance of students. The university has a mechanism for monitoring the progress of students, which is carried out on the basis of analysis of the results of exam sessions, sociological research, etc.

In accordance with the needs of employers, within the framework of EP 6B07211 - "Innovative Textiles", the disciplines "Neo-textile materials", "Professional and applied specialty programs", "Fundamentals of Textile Chemistry", "Range of textile materials and products" were introduced. EP 7M07211 - "Innovative Textiles" introduced the following disciplines: "Theory and preparation of threads for weaving", "Innovative development of preparatory production", "Entrepreneurship for engineers".

A special department, the registrar's office, is responsible for organizing students' academic achievements, registering all types of knowledge tests, and calculating their academic rating.

Monitoring of personal growth and development of students is carried out by advisors of academic groups on the basis of close interaction with students.

When analyzing the official TarRU website, the members of the expert commission did not find a "tab" in which all interested parties can get acquainted with information, news, announcements, etc., and the mechanism of interaction with interested parties related to accredited EP is not provided.

Faculty members of the department develop materials and prepare exam tickets for the subjects they read. As the analysis of the educational process has shown, exams in all EP disciplines are conducted in the form of testing, and there are term papers. The syllabuses of disciplines do not have a section "Student Achievement Evaluation Policy", which should contain "Student Achievement Evaluation Criteria".

EEC experts note that students of accredited educational institutions are trained in only one educational path, i.e. students do not have the opportunity to choose an educational path.

The EP management needs to constantly improve the curriculum so that it takes into account and includes the necessary information in the context of new achievements in science and technology. To do this, the teaching staff must participate in various local and national trainings, participate in international conferences, exhibitions, etc.

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative textiles":
not detected.

Recommendations for EP 6B07214 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 "Innovative textiles":

-EP management develop and implement criteria for evaluating responses for written and oral exams of students, review the final assessment of knowledge in the form of practical test tasks (until 01.03.2025).

EEC conclusions on criteria:

According to the standard "Continuous monitoring and periodic evaluation of educational programs", the educational programs "6B07214" Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 - "Innovative textiles" have 9 satisfactory positions, 1 requires improvement.

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

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

□ *The management of the educational program should ensure that teaching is based on the latest achievements of world science and practice in the field of study, using various modern teaching methods and assessment of learning outcomes that ensure the achievement of the educational program goals, including competencies and skills for performing scientific work at the required level.*

□ *The management of the educational program should determine the mechanisms for distributing the students' academic workload between theory and practice within the educational program, ensuring that each graduate masters the content and achieves the educational program goals.*

□ *An important factor is the availability of its own research in the field of teaching methods for the educational program disciplines.*

□ *The university should ensure that the learning outcomes assessment procedures correspond to the planned educational program results and goals.*

□ *The university should ensure consistency, transparency and objectivity of the educational program learning outcomes assessment mechanism, publication of the assessment criteria and methods in advance.* □ *Assessors must be proficient in modern methods of assessing 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 and assessment methods.*

□ *The EP management must demonstrate support for learners' autonomy while providing guidance and assistance from the teacher.*

□ *The EP management must demonstrate the existence of a procedure for responding to student complaints.*

Proof part

The system of student-centered education implemented at Taraz Regional University named after M. Kh. Dulati is based on the fact that the student is an active "subject" of the educational process.

The main content, rules and guidelines for the organization of the educational process are reflected in the documents "QMS of the University", "Academic Policy" No. 50 of 25.05.2022; "Regulations of the educational process" No. 297 of 27.04.2021; "Regulation on planning, control and reporting in educational process" No. 68 of 29.09.2022; Regulation "Assessment Policy educational achievements of students" No. 15 dated 29.03.2022; "Rules for conducting current monitoring of academic performance, intermediate and final certification of students", etc. All normative-methodical and educational-methodical information the documentation compiled in the state language, Russian, as well as for groups where training is carried out in English –CED, WC, of the EMCD in accordance with the requirements "Regulation on the development of an educational and methodological complex of an educational program and discipline" No. 156 dated 13.08.2020.

Implementation of inclusive education is one of the university's priorities. Thus, the university's infrastructure is constantly being improved, taking into account the needs of students with disabilities and special educational needs. Since 2017-2018 academic year specialized office "Center for Psychological Adaptation of Inclusive Education" based on KE 11/1.16-2017 "Inclusivti bilim berudegi psikhologiyalyk beyimdelu ortalygy" additionally connected to classroom fund used classes and during the session (<https://dulaty.kz/oqu/2020-02-19-04-52-30.html>), which has 5 computers, 10 seats, upholstered furniture, special devices, specialized literature.

Transparency of the assessment procedure is ensured both by publishing the criteria in the syllabus and by publishing the results of the control in the Student's Portal <https://dulaty.edu.kz/ru/platonus-rus>, operating on the basis of the system.

In accordance with the "Standard rules admission to study in educational organizations that implement educational programs of higher and postgraduate education", Order of the Minister of

Education and Science of the Republic of Kazakhstan No. 600 dated 30.10.2018 (as amended by Order of the Minister of Science and Higher Education of the Republic Kazakhstan), paragraph 42 "During the interim when a student attests, it is allowed to retake the exam in the academic discipline (module) no more than twice."

On the portal, students can access following information: personal information; catalogs elective subjects for all educational programs; online registration for main semester; personal information about educational trajectory; academic results-in time, Students can view their academic (rating-scores for all disciplines and by week), attendance, and results in test format. available instantly, writing-within three hours; academic; class and exam schedules.

To organize effective work on employment and career development, the University operates a Career and Business Partnership Center. The university's website contains basic information on the center <https://dulaty.edu.kz/ru/ob-universitete/strukturnye-podrazdeleniya/2020-01-30-05-49-58/item/4129>

Each student and teacher can directly ask questions to the rector of the university on the website (www.dulaty.kz), there is a helpline.

Procedures for dealing with students' complaints provide for their anonymity. Based on the results of students' complaints, after conducting an inspection and when the facts of gross violations are revealed, the issue of disciplinary action is resolved by the Faculty Council.

In order to ensure the best possible assimilation of educational material by students and more successful formation of professional competencies, the university is actively working to introduce the results of scientific and pedagogical research related to the development of teaching methods for academic disciplines, as well as to introduce teaching materials and manuals prepared by teaching staff. Achievement of the planned learning outcomes and achievement of the goals of the educational program is confirmed by writing and defending the final thesis.

To work with complaints and appeals from students, a feedback system has been created with the university's management bodies based on the document. Thus, the university operates: ballot boxes for collecting written complaints and appeals from students; the rector's blog on the university website, where not only students, but also employees can ask them a question.

A survey of students conducted by Evodevizitaveknar showed that:

- 81% of are "fully satisfied" with the quality of teaching in general, 14.3% are "partially satisfied", and 3.2%.

- 82.5% of are "fully satisfied" with the objective assessment of knowledge, skills and other educational achievements, and 14.2% are "partially satisfied".

- 77.7% "fully agree" with the timely assessment of students' academic achievements, 19% "agree", 3.3% of "partially agree".

Analytical part

The design of accredited educational programs is carried out in such a way that ensures equal opportunities for all categories of students, while forming an individual educational trajectory.

The students' opinion is also of great importance in the development and further functioning of the EP.

The growing role of the teacher - as a direct carrier of knowledge - is not only professional in the subject discipline, but also modern: in the field of pedagogy, psychology, technology of teaching and upbringing. On this basis, the teacher develops readiness to perceive, evaluate and implement innovative projects in education. The main task of a teacher is to train a highly qualified specialist who is in demand in the market conditions and is able to make decisions independently within the framework of professional competence. Such training is impossible

without introducing new forms and methods of teaching. Educational and methodological work and scientific and methodological work at the university is carried out in order to integrate science and education, ensure and improve the educational process, develop and implement new training technologies, and provide advanced training for teachers in educational organizations. In this regard, each teacher should reveal the features of various active teaching methods and analyze the possibilities of using them in teaching their subjects - in lectures, practical and laboratory classes, as well as in the process of organizing students' independent study of scientific literature.

In all EP disciplines, the final control is carried out in the form of an exam, defense of term papers, as noted above by the expert commission, exams are held in the form of testing. Learning outcomes are one of the main indicators of the effectiveness of the entire education system, in particular accredited educational programs. For this purpose, it is necessary for the teacher to use a meaningful assessment of academic achievements. To do this, you need to widely apply the techniques of mutual control and mutual assessment, self-control and self-assessment. If the results of training for the goals of accredited educational institutions are clearly defined and evaluated, then it is possible to properly organize the educational process and create tools for its assessment, and make the process itself transparent and technological.

During the interviews with students, the students noted that with any controversial questions they first turn to the adviser (curator) of the course, and then, if necessary, to the head of the department and the dean. But as a rule, any issues are resolved at the faculty level. Teachers said that basically all controversial issues related to the educational and methodological process are resolved at the faculty. But if you have any questions about finances, etc. If you have any questions, you can contact the vice-rector responsible for this issue.

The university conducts systematic work to monitor the academic performance of students. There is no information on improving the skills of teachers in the subjects of the educational process that they read.

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative textiles":

not detected.

Recommendations for EP 6B07214 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 "Innovative textiles":

- The EP management should practice conducting methodological conferences/seminars at the university and at the faculty on analyzing and improving the methodology of teaching the main disciplines of accredited educational programs until 01.04.2025;

- To conduct an ongoing analysis and evaluation of training results for compliance with the goals of accredited training centers by 01.04.2025.

EEC conclusions on criteria:

Student-centered learning, teaching and evaluation of academic performance" EP "6B07214" Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 - "Innovative textiles"9 satisfactory positions, 1 requires improvements.

6.6. The "Learners" Standard

- The university must demonstrate the policy of forming a contingent of students and ensure transparency and publication of procedures regulating the life cycle of students (from admission to completion).
- The EP management should provide for special adaptation and support programs for newly enrolled and foreign students.
 - The university must demonstrate that its actions comply 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 opportunities for external and internal academic mobility of students, as well as assist them in obtaining external grants for training.
 - The university should encourage students to self-educate and develop outside of the main program (extracurricular activities).
 - An important factor is the availability of a support mechanism for 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 to ensure comparable recognition of qualifications.
 - The university must provide students with places of practice, demonstrate the procedure for promoting employment of graduates, and maintain communication with them.
 - The university must demonstrate the procedure for issuing graduates with documents confirming their qualifications, including the achieved learning outcomes.
 - The management EP should demonstrate that graduates of the program have the skills that are in demand in the labor market and that these skills are really relevant.
 - The EP should demonstrate the existence of a mechanism for monitoring the employment and professional activities of graduates.
 - important factor is the existence of a functioning alumni association/association.

Proof part

Recruitment of students is carried out on the basis of the current regulatory framework ("Instructions for determining the compliance of areas of education by organizations of higher and postgraduate education when applying for master's and doctoral studies", approved by Order of the Ministry of Education and Science of the Republic of Kazakhstan No. 268 dated 08.06.2022), standard rules for admission to training in educational organizations (<https://adilet.zan.kz/rus/docs/V1800017650>).

The formation of a contingent of students is carried out by placing a state educational order for the training of scientific personnel, as well as paying at the expense of citizens ' own funds. The rules and procedure for admission of applicants to doctoral programs are available on the website (<https://dulaty.kz/ru/admission/sistema-menedzhmenta-kachestva.html>). Applications for postgraduate education programs are accepted 2 times a year through the information system of the National Testing Center (app.testcenter.kz).

To attract public attention to the admission process, the admissions committee cooperates with the mass media. Regional newspapers publish a list of specialties that are being recruited at Dulati University. Information stands are also being created in Kazakh and Russian with detailed information about the reception (<https://dulaty.kz/ru/admission/advertising-materials-ru.html>).

The official website of the university contains a list of required documents for participation in the competition for state educational grants (<https://dulaty.kz/ru/admission/admission-rules.html>).

During the admission campaign, the formation of a contingent of students is carried out on the basis of the current regulatory framework, standard rules for admission to training in an educational organization.

The formation of a contingent students carried out by placing a state educational order for the training of scientific personnel, as well as paying at the expense of citizens ' own funds. The rules and procedure for admission of applicants to doctoral programs are available on the website

(<https://dulaty.kz/ru/admission/sistema-menedzhmenta-kachestva.html>). Applications for postgraduate education programs are accepted 2 times a year through the information system of the National Testing Center (app.testcenter.kz). The number of students in the context of educational programs is as follows:

EP name	2021-2022	2022-2023	2023-2024
6B07215 "Food technology "	79	68	96
6B07214 "Technology and engineering of food and processing production"	67	66	93
7M07201 "Technology and engineering of food and processing production"	1	5	4
6B07211 - " Innovative textiles	-	-	16
7M07211 - "Innovative textiles"	-	-	3

The procedures governing the life cycle of students are reflected in the Academic Policy (<https://dulaty.kz/ru/education/academic-policy.html>).

The system of social support for students developed by the University quickly responds to changes in the economic environment associated with a decrease in the population's ability to pay ("Rules for awarding discounts for training in educational programs of Taraz Regional University named after M. Kh. Dulati", approved by the decision of the Academic Council, Protocol No. 1 of April 19, 2023).

The procedure for admission of students from other universities, recognition and crediting of credits mastered during academic mobility is carried out in accordance with the "Rules organization of the educational process on credit technology of training in organizations of higher and (or) postgraduate education", approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated April 20, 2011 No. (updated on 25.07.2023).

The organization and practical training of undergraduate and graduate students in TarRU is carried out in accordance with the following documents:: PD No. 2-5-1-2020 "Regulations on professional practice" of 29.12.2020; PD No. 2-3-11-2021 "Regulations on scientific internship of undergraduates" of 25.03.2021; PD No. 2-3-10-2021 "Regulations on research/experimental research work of undergraduates" of 25.03.2021; PD No. 2-3-3-2021 "Regulations on pedagogical practice of undergraduates" of 21.01.2021; PD No. 2-3-1-2021 "Regulations on the research practice of undergraduates" dated 21.01.2021.

Within the framework of 7214-Technology and Engineering of food and processing industries and OP 6B07215 - Technology of food products, students practice in enterprises of Taraz and Zhambyl region, in particular in ArayAgroOnimderi LLP, Khlebny Dar LLP, Merken Cheese Factory LLP, Burnenskaya Dairy Company LLP, LF Company "and others.

In order to identify gifted youth, the Creative Development Center conducts active propaganda work at the beginning of each school year. Trains are actively working here: model studio, dance ensembles of the choreographic studio - "Asylai", "Gaukhartas", "Arnau", national dance "Kalinka", "Turan", "Asadal", dance groups cheerleading and "Tarsu.kz", "Zhasnur" duet vocal studio, "Tarlan" trio, "Univer" vocal and instrumental ensembles", studio of folk instruments - ensemble "Altai Sazy" (<https://dulaty.kz/ru/2020-02-04-08-45-43.html>)

The university has its own Student TV Studio (PSP 4-11. 2. 2022 Regulations on the Center for the Development of Students ' Creativity), which is a center for educational, practical and creative training.

The results of the student survey showed that:

- -relations between the student and the teacher are "fully satisfied" - 85.7%; "partially satisfied" - 11.1%; "partially dissatisfied" and "not satisfied" – 1.5% of students each;
- -the quality of medical care at the university is "fully satisfied"-71.4%; "partially satisfied"-17.5%; "partially dissatisfied"-4.8% of students;
- -rest rooms for students (if available) – "fully satisfied" - 76.2%; "partially satisfied" – 12.7%; "partially dissatisfied" - 4.8%; "not satisfied" -1.6 %; 4.8% of students found it difficult to answer.

Analytical part

In order to attract the most qualified applicants, the university conducts systematic career guidance work throughout the calendar year. The Admissions Committee engages mass media to explain the technology of conducting CT and the competition for awarding educational grants.

The department that implements the EP has a general plan of career guidance, but taking into account the relatively small number of students in the context of accredited OP, the university management, the department of career guidance, those responsible for the faculty and department, the head of the EP develop and implement a more detailed program to attract applicants by inviting high school students with their parents, graduates and stakeholders to the university's educational laboratories during the year, to events dedicated to significant dates, organizing various competitions, quizzes, as well as visiting the practice base, where applicants will see the importance of this profession and show their interest in the future profession.

Analysis of the student body showed that according to EP 6B07211 - "Innovative textiles", 7M07211 - "Innovative Textiles" for several years did not graduate students, at the moment the contingent of students -16, undergraduates -3.

The mechanism of students' participation in the formation of the EP is to include senior students in the graduating departments in the working group. As a rule, the working group includes the most active students engaged in scientific activities. Departments conduct a survey of students of a specific specialty about the content and quality of EP modules, the methods of teaching and knowledge control used. Summarizing the survey results serves as a basis for making adjustments to the EP. There is information and protocols on the participation of students in the development of the EP, but during interviews with senior students and activists, the expert commission could not confirm this fact.

When looking for partners for organizing and implementing internal academic mobility, there is a problem that it is necessary to pay for training at the cost of 1 credit at the host university, and therefore the financial opportunity of parents does not always allow students to study at another university.

The University has created conditions for improving students' self-educational activities. Students are provided with good conditions for independent preparation for classes in the library and reading room. In their free time, students are engaged in student scientific circles operating at the university departments, for example, "Gylym Alemi". Support is provided to young people who are interested in science. Students said that the university management encourages them participate in research work, student scientific and practical conferences organized by the university and abroad and provides conditions for the implementation of their business ideas. Students of the department have letters of appreciation and certificates for participation in various scientific competitions and conferences.

During interviews with graduates and employers of accredited educational institutions, the commission members' question whether they know about the existence of the Alumni Association was answered in the negative.

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative textiles":

not detected.

Recommendations for EP 6B07214 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 "Innovative textiles":

- In order to improve the situation with the formation and maintenance of a contingent of students, the EP management should develop a detailed career guidance plan in the context of accredited EP with an annual analysis (until 01.04.2025);

- The EP management should introduce a documented procedure for ensuring students ' participation in reviewing the content of educational programs, with a constant analysis of the results (until 01.05.2025);

- The management of the EP and the university should provide an opportunity for external and internal academic mobility of students (until 01.05.2025);

- The management of the EP and the University should ensure the effective work of the Alumni Association (plan, protocol, report, etc.), as well as inform graduates about the activities of the Association (until 01.05.2025).

EEC conclusions on criteria:

According to the standard "Students" in the EP "6B07214" Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production" have 10 satisfactory positions, 2 require improvement.

According to the standard "Students" according to EP 6B07211 - "Innovative textiles", 7M07211 - "Innovative textiles" have 9 satisfactory positions, 3 require improvement.

6.7. Standard "Teaching staff"

- *University should have an objective and transparent HR policy in the context of OP, including hiring (including invited faculty members), professional growth and staff development, ensuring the professional competence of the entire staff.*

- *The university must demonstrate that the quality of teaching staff meets the established qualification requirements, the university's strategy, and the goals of the OP.*

- *The EP management should demonstrate a 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.*

- *University should involve in teaching specialists of relevant industries who have professional competencies that meet the requirements of the EP.*

- *The university must demonstrate the existence of a mechanism for motivating the professional and personal development of teaching staff.*

- *University must demonstrate the wide use of teaching staff of information and communication technologies and software tools in the educational process (for example, on-line training, e-portfolio, MOHS, etc.).*

- *The university must demonstrate its focus on developing academic mobility and attracting the best foreign and domestic teachers.*
- *The university must demonstrate the involvement of each teacher in promoting a culture of quality and academic integrity at the university, and determine the contribution of teaching staff, including invited ones, 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.*

Proof part

The University has an objective and transparent personnel policy, including recruitment, professional growth and development of staff, ensuring professional competence of the entire staff. The University's current procedure ensures transparency of its personnel policy. The University has developed: Regulation PD 26.01.2021 "Professional qualification requirements for teaching staff", Regulation on moral and material incentives for employees (teaching staff of the Department of Internal Affairs and Employees).

Personnel policy of TarRU im. Dulati is based on STU 04-2020 "Human Resources management, PSP 1-6-2020 " Regulations on the Personnel Management Service» <https://dulaty.kz/ru/ob-universitete/strukturnye-podrazdeleniya/otdel-organizatsionno-kadrovoj-raboty.html>.

The competence model of teaching formed taking into account the requirements of the standard qualification characteristics of positions of teachers and persons equated to them, the industry framework and the National Qualifications Framework.

Quantitative and qualitative composition of the Department "Food production and Biotechnology" in the context of EP 7M07201 Technology and engineering of food and processing production, 6B07214 Technology and engineering of food and processing production, 6B07215 Technology of food products is: Total staff - 12 including Academician-1; Candidate of Technical Sciences-7; Senior lecturer - 3; Teacher -1; part-time senior teacher 2. Full-time teachers -85.7%. The rate of settling down is 58.3%.

The number of full-time teachers in EP 6B07211 - "Innovative textiles" and 7M07211- "Innovative Textiles" is: 18, including candidates of Sciences – 3, associate professors; PhD-7, Degree-55.5 %.

In order to improve the professional level, motivate employees and encourage employees, the university operates a system of awarding teachers and employees for their personal contribution and achieved results in their work. Senior teachers Sarybayeva E. E., Kasymova G. A. received payments in the Department of "Textiles, Materials Science and Standardization" in 2023, and also on April 10, 2024 received Ph. D., Professor Badanov K. I., PhD Mahanbetalieva K. T.

The Department participates in the scientific project Erasmus+ of the project "Reinforcing capacities of HEIs for leather and leather products in Uzbekistan-Kazakhstan" 618930-EPP-1-2020-1-EL-EPPKA2-CBHE-JP REILEAP.

The university has PD2-5-6-2021 "Advanced training and competence in Taraz Regional University M. Dulati"

Procedure for admission, registration and dismissal of TarRU personnel. Dulati is conducted in accordance with external: The Labor Code of the Republic of Kazakhstan; the Law of the Republic of Kazakhstan "On Education"; regulatory documents in the field of education; Requirements for qualification characteristics; Rules for competitive replacement of positions of higher educational institutions and internal regulatory documents: Personnel management; Internal regulatory documentation; Service documentation; Regulations on the competition commission of TarRU Dulati; Order on the creation of the tender commission; Tender documentation; Regulations on the attestation commission; Employment contract.

In order to improve the professional level, motivate employees and encourage employees, the university operates a system of awarding teachers and employees for their personal contribution and achieved results in their work. Regulations on moral and material incentives for employees (teaching staff, internal affairs departments and employees) NPJSC "Taraz Regional University named after M. Kh. Dulati" No. 7 dated 25.05.2023.

The results of the PPP survey conducted by Evodevizitaveknar showed that:

- -On the question "How much content of the Educational Program meets your scientific and professional interests and needs?" 60.7% of teaching staff answered "very good" and 37.5% - "good";
- -To the question "How do you assess the opportunities provided by the University for the professional development of teaching staff", 42.9% of teachers answered "very good", 50% "good" and 7.1% "relatively bad";
- -opportunities provided by the university for career development of teaching staff 39.3% of teachers answered- "very good", 51.8% "good" and 8.9% "relatively bad";
- -how much teaching staff can use educational innovations 53.6% of teachers answered- "very good", 44.6% "good" and 1.8% "relatively bad";
- -how the work on academic mobility was set: 32.1% of teachers answered- "very good", 55.4%- "good" and 8.9% - "relatively bad";
- -how the work on professional development was set: 41.1% –"very good", 46.4%- "good" and 10.7%- "relatively bad";
- -work on the organization of medical care and disease prevention at the university 30.4% of teachers answered- "very good", 57.1% "good", 12.5% "relatively bad" and 3.6% "bad".

Analytical part

The personnel policy of the university is a complex of activities that follows from the mission and strategy of the university in order to form and effectively use motivated and high-performance personnel who are able to respond adequately to the impact of the external and internal environment.

The influence and responsibility of teaching staff on the educational process of bachelors and masters are evaluated when developing educational and methodological documentation (syllabuses, methodological recommendations for practical classes, ISWT, ISW, etc.). The professional activity of a university teacher is multifaceted: it covers educational, educational and methodical, research, organizational and methodological and educational work. These types of activities and the quality of teaching make a certain contribution to the improvement of the EP as a whole. The assessment of the teacher's activity is incomplete without taking into account the students' opinion, which is revealed by means of a student's questionnaire "Teacher through the eyes of ", which is conducted at the end of each semester.

Also, the level of competence of teachers is confirmed by the effectiveness and quality of teaching, which is assessed at the university by conducting open training sessions, mutual visits to classes.

The EP management supports the development of young teachers. The University has a Council of Young Scientists, which is an important element of the infrastructure of research activities.

Academic mobility of teaching staff is carried out in order to improve the quality of higher education, increase the effectiveness of scientific research, increase the competitiveness of teaching staff in the market of educational services, etc. As the teachers themselves answered at the meeting, the most important reason for the lack of implementation of external academic

mobility is weak knowledge or lack of knowledge of a foreign language. And since mobility is implemented during one academic semester, not every teacher has the opportunity to leave even within the country for reasons of family, financial situation, etc.

The influence of teaching staff on the educational process is evaluated when developing educational and methodological documentation: textbooks, curricula, syllabuses, etc. As the analysis of the number of published scientific and teaching materials of teaching staff for the period 2019-2023 academic years showed, the publication of scientific articles in journals and reports in conference materials remains stable.

The main and licensing requirements for the availability of educational, educational and methodical literature are to ensure that the subjects read and students are equipped with educational literature.

Teachers do not work on the publication of educational and methodical literature (monographs, textbooks and manuals, guidelines, workshops) in the disciplines of accredited educational institutions. As noted above, the department does not implement research results in the educational process.

The modern world is undergoing tremendous changes, and the educational system must be ready for them. Teaching staff who regularly improve their skills have the opportunity to get acquainted with new methods and approaches to training, new technologies and tools. This helps them keep up to date with the latest achievements and effectively apply them in their work, develop innovative approaches and create unique educational programs that meet the modern needs of students of accredited programs.

Teachers of the department, in accordance with the approved schedule, increase their qualifications, in order to improve their practical skills, they undergo industrial internships at enterprises of the city with obtaining a certificate, but the topics of training courses are general in nature, not specific, necessary for the taught disciplines (directions).

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative textiles":
not detected.

Recommendations for EP "6B07214" Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 "Innovative textiles":

-management should goals and results, increase the effectiveness of training, and implement the university development strategy (until 01.05. 2025);

- To include in the plan of professional development of teaching staff indicative indicators for professional development of teaching staff in the subjects read in organizations outside the city (for example, organizations of the country, universities of neighboring countries, etc.)(until 01.06.2025);

-In the plan of educational and methodical work, include indicative indicators for the publication of educational and methodical literature on the disciplines of accredited educational institutions (until 01.09.2024);

- To introduce indicative indicators for the implementation of external and internal academic mobility of teaching staff to the EP management in the EP development plans by 01.09.2024.

EEC conclusions on criteria:

According to the standard "Teaching staff" educational programs 6B07214 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production" have 0 strong positions, 9 satisfactory positions, 1 requires improvement.

Conclusions of the EEK on the criteria:

According to the standard "Teaching staff", educational programs 6B07211 - "Innovative textiles", 7M07211 - "Innovative textiles" have 10 satisfactory positions.

6.8. Standard "Educational resources and student Support systems"

- The university must ensure that the infrastructure and educational resources, including material and technical ones, meet the goals of the educational program.
- The management of the EP must demonstrate that classrooms, laboratories, and other facilities equipped with modern equipment are sufficient to meet the goals of the EP.
- The university must demonstrate that the information resources meet the needs of the university and the implemented educational programs, including in the following areas:
 - technological support for students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs);
 - library resources, including the collection of educational, methodological and scientific literature on general education, basic and profile disciplines on paper and electronic media, periodicals, access to scientific databases;
 - research results, graduation papers, and dissertations for plagiarism;
 - access to online educational resources;
 - operation of WI-FI on its territory.
- The university must demonstrate that it creates conditions for conducting scientific research, integrating science and education, and publishing the results of research work of teaching staff, employees, and students.
- The university should strive to ensure that the educational equipment and software used for mastering educational programs are similar to those used in the relevant sectors of the economy.
 - The EP management should demonstrate that there are procedures in place to support various groups of students, including informing and advising them.
 - The EP management should show that there are conditions for the student's progress along the individual educational path.
 - The university should take into account the needs of various groups of students (adults, working people, foreign students, as well as students with special educational needs).
 - The university must ensure that the infrastructure meets the security requirements.

Proof part

The material and technical base of the university includes 111 objects total area of 191,850.92 sq. m. located in Taraz and Karatau. Including 22 academic buildings (136,000 sq. m. (97,913.98 sq. m. of study area), 136 educational laboratories equipped with modern equipment and measuring instruments, 9 sports complexes equipped with appropriate sports equipment, an outdoor stadium, a tennis court, sports grounds, a country sports and recreation camp, a Youth Palace for organizing leisure activities for students, "Zhastar Alemi, canteens, cafes and buffets.

The University has 3 student dormitories with a total area of 12,742. 10 sq. m. with 840 beds. Places in dormitories are issued in accordance with the standard "On issuing places in dormitories to university students".

Production environment conditions meet the requirements of SNiP II-68-78 "Higher educational institutions" and the requirements of ST RK 1158-2002 "Higher professional education. Material and technical base of educational organizations".

Official website of the University <https://dulaty.kz/моделируется> according to all modern standards and requirements. For effective work and creating comfortable conditions for students, teaching staff and employees of the University, free Internet access is provided in computer classes and electronic reading rooms. Corporate information and educational network university provided with access, the total speed of which is 900 Mbit / s. Connection to the made using fiber-optic lines laid to the server rooms located in the academic buildings. For Internet access, Wi .

The Library and Information Center (hereinafter-BIC) located in 6 academic campuses and covers an area of 4728.55 , of which the area of 18 reading rooms is 1752.5 , has 22 points of issue (4 subscriptions, 18 reading rooms). Library spaces upgraded the OPEN SPACE format. To promote reading and personal development, there are: "Creative zone", "Coworking zone", "Open Library" (Adal kitaphana), "101 -reading point", "102 -access point", "103-group study room", "104-chillout room". BIC Virtual Representative Office – <http://lib.dulaty.kz/>

Electronic library catalog (<http://elib.dulaty.kz/>) reflects information about printed documents (textbooks, manuals, educational and methodical publications, monographs, fiction, abstracts and dissertations, etc), information about electronic documents published on CD (DVD) media, and information about electronic copies of documents (full-text electronic resources). The volume of bibliographic records of the electronic catalog as of 01.09.2023 is 452316 titles. As of 01.09.2023, the total library fund of the university is 1,288,954 copies, including 310,978 copies in the state language, 935,947 copies in Russian, and 39,545 copies in other languages.

The University approved the document PD 14.01-2016 "Regulations on safety and health at the University "(approved on 01.01.2016).

According to student questionnaires:

- availability of computer classes: "fully satisfied" 74.6%, "partially satisfied" - 20.6%, "partially dissatisfied" - 3.2% of students;
- availability and quality of Internet resources: "fully satisfied" 77.7%, "partially satisfied" - 15.8%, "partially dissatisfied" - 3.1%, "not satisfied" - 1.5% of students;
- the library is well equipped and has a sufficient fund of scientific, educational and methodological literature: 85.7% are "fully satisfied", 12.7% are "partially satisfied", 1.6% are "partially dissatisfied", and 0% of students are "not satisfied".

Analytical part

For effective work and creating comfortable conditions for students, teaching staff and employees of the University, free Internet access is provided in computer classes and electronic reading rooms.

The reliability of graduate papers, master's theses, and research results presented by faculty members in monographs, scientific articles, and reports is evaluated by checking them for plagiarism using the "Anti-plagiarism" system. R & D reports and monographs are subject to external review through JSC NCNTE.

OP6B07214 "Technology and engineering of food and processing production", OP6B07215 "Technology of food products", OP7M07201 "Technology and engineering of food and processing production" equipped with specialized classrooms and laboratories included in the classroom fund of the departments "Food production and

Biotechnology". During the inspection of the material and technical base, the members of the expert group visited the following laboratories of the department: "Technologiyalyk protsester men zhabdyktar", "Tamak ondirisinin tehnologiyalary", "Nan zh konditer ondirisinin bioteknologiyalary", "Un zhune zharma ondirisin tekhnologiyalary", "Tehnikalyk microbiologiya".

Inspection of the laboratory base showed that there is an equipped laboratory base, but the low level funding for the department and the university does not allow updating and purchasing the necessary modern equipment and software for training highly qualified and competitive specialists. As students and graduates said, it is necessary to strengthen the practical side of training students, and this requires a well-equipped laboratory base, educational and methodological security of the educational process, and qualified personnel. And also, for training on other trajectories, as students expressed their opinion (meat technology, milk technology), acquiring skills in working with new modern measuring instruments, methods, specialized laboratories.

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative textiles":
not detected.

Recommendations for EP "6B07214" Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 "Innovative textiles":

-EP management identify and conduct a comprehensive analysis of the resources (human, material, organizational, etc.) required for the implementation of the EP and use these results to update the EP Development Plan (until 01.05.2025);

-EP should prepare an application for the purchase and plan the completion of specialized laboratories for accredited EP with modern equipment (until 01.05.2025).

WEC conclusions on criteria:

According to the standard "Educational resources and student support systems "educational programs "6B07214" Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 "Innovative textiles" 12 satisfactory positions, 1 requires improvement.

6.9. Public Awareness Standard

- The university guarantees that the published information is accurate, objective, up-to-date and reflects all areas of the university's activities within the framework of the educational program.
- Public should support and explain the national development programs of the country and the system of higher and postgraduate education.
- University management should use a variety of information dissemination methods (including mass 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::
 - purpose and planned results of the OP, the qualification to be assigned;
 - information about the system assessment of students ' academic achievements;
 - information about academic mobility programs and other forms of cooperation with partner universities and employers;

- information about opportunities for developing students' personal and professional competencies and employment;
- data reflecting the EP's positioning in the educational services market (at the regional, national, and international levels).
- important factor is publication on open resources of reliable information about teaching staff, in the context of personnel.
- The university must publish on its own web resource the audited financial statements on the OP.
- The university should post information and links to external resources based on the results of external assessment procedures.
- An important factor is the publication of information about cooperation and interaction with partners, including scientific/consulting organizations, business partners, social partners, and educational organizations.

Proof part

Features of the organization of educational processes, the system of professional orientation and marketing strategy of TarRU im. Dulati suggests a developed system of information services <https://dulaty.kz/ru/technological-faculty/standardization-and-metrology-rus>.

Teaching staff and students of the university systematically inform the general public about the activities of Taraz Regional University named after M. H. Dulati through the following forms: official Internet resource of the university; library Internet resource with access to the electronic library; social networks Instagram, Facebook, V Kontakte, Twitter, Youtube; speeches to teachers of Taraz and Zhambyl region at methodological conferences. and August meetings; publications in national, regional and city/trade union media. The official website of the university regularly publishes information on explaining the national development programs of the country and the system of higher and postgraduate education.

https://dulaty.kz/images/1_.pdf [The University's website contains the following information.](#) Information about educational programs is constantly published on the university's website, portal, information stands, booklets, the number of students enrolled in the programs, and teachers who provide training. Information on the site is constantly updated.

Objective information about the activities and specifics of the EP includes a system of support for students and teaching staff (information and communication, resource, support related to the publication and publication of educational, methodological and scientific literature, social support, etc.).

One of the ways to consider complaints or suggestions from interested parties is to contact the head of the university directly in his personal blog, located on the main page of the university's website.

Student portal - a personalized interface (login by login) provides students with the following information: personal data about academic achievements; information about financial transactions; personal data (contacts, date of birth, IIN, etc.); reference information, including university rules and regulations. The student portal includes the ability to send messages from the user to the university administration.

Educational process/employment in the section Career Center and Business Partnerships, there is also information about government programs and projects for employment of graduates.

The EPPS survey conducted by Evodevizitaveknar showed that:

- -37.5% of teachers rate the level of feedback of teaching staff with management as "very good", 51.8% as "good", 7.1% as "relatively bad" and 3.6% as "bad".

A survey of students conducted during the visit to the UEC NAAR showed that:

- -informing students about the courses, educational programs and academic degree obtained" fully satisfied " -85.1%, "partially satisfied" - 11%, "not satisfied" - 0% of students;

- -content and information content of the educational organizations 'web site as a whole, including "fully satisfied"-81%," partially satisfied " – 14.3%," partially dissatisfied " – 3.2%," not satisfied " - 0% of students.

Analytical part

The site's information resource is open and publicly accessible. Each department participating in the implementation of the EP has its own sections on the website with materials on disciplines and the learning process.

The rector's blog is a good interactive platform for a broad discussion of university, which does not always provide effective feedback from the university's management with students and their parents, employees, teaching staff, employers, and members of the public. Communication is also maintained via the rector's email.

To maintain communication with potential employers, periodic consumer surveys, open days, advertising and information work using communication resources, mass media, participation in conferences, seminars, round tables, fairs are held. Vacancies for student employment with the invitation of heads of enterprises, firms, companies.

The official website of the university is an effective tool, primarily for career guidance purposes. In the age of information technology, the first acquaintance of an applicant begins with studying the relevant information about the chosen specialty posted on the university's website. When working with the official page of the faculty and the department itself, where the accredited educational programs are located, the commission saw the following information: the list (names of educational programs) implemented at the department; The composition of the department (only full name, position and academic degree) - this information does not disclose the methodological and scientific orientation of the teaching staff; The list of partners with whom contracts are concluded A description of the graduate's model; Certificates confirming the completion of the EP accreditation procedure in different years.

A list of partners with whom contracts are concluded; A description of the graduate model; Certificates confirming the completion of the OP accreditation procedure in different years.

However, as the members of the expert commission note, the general information provided is not enough for any interested person to get comprehensive information about the training program of interest and choose this university or a specific specialty.

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative textiles":

not detected

Recommendations for EP "6B07214" Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211" Innovative textiles", 7M07211 "Innovative textiles":

- EP management should promote the university's website and social networks by posting up-to-date information about educational programs (until 01.12.2024).

- The EP management should supplement the University's website with the necessary information about the EP (the dynamics of the student population, the level of academic performance, achievements of students, students' satisfaction with the implementation of the EP

and the quality of training at the university, employment and career growth of graduates, etc.) (until 01.12.2024).

-The university management should use new methods to inform the public in order to attract a contingent of students for the successful implementation and functioning of the EP until 01.03.2025.

- The EP management should use a variety of ways to disseminate information to raise awareness of stakeholders, parents and other stakeholders about the development and positioning of the EP until 01.03.2025.

EEC conclusions on criteria:

According to the standard "Informing the public", the educational programs "6B07214" Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 "Innovative Textiles" have 12 satisfactory positions.

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

According to the standard "Educational program management":

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative textiles":

not detected.

According to the :

Strengths/best practices the EP "6B07214 Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative textiles":

-Rating analysis is used as one of the key indicators of the effectiveness of teaching staff and the work of departments at the university, the purpose of which is to stimulate the growth of qualifications, professionalism, productivity of pedagogical and scientific work, and the development of creative initiative of teachers.

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

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative Textiles":

not detected.

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

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing

production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative Textiles":

not detected.

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

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative Textiles":

not detected.

According to the "Students" standard:

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative Textiles":

not detected.

According to the standard "Teaching staff":

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative Textiles":

not detected.

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

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative Textiles":

not detected.

According to the "Informing the Public" standard:

Strengths/best practices in EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative Textiles":

not detected.

(VIII) OVERVIEW QUALITY IMPROVEMENT RECOMMENDATIONS FOR EACH STANDARD

According to the standard "Educational program management"

Recommendations for EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 - "Innovative textiles":

- The EP management should inform the employees studying at the university about the University's Quality Policy by 01.09.2024.

- To involve all interested parties-students, graduates, employers, teaching staff and partners-in the formation of Goals, Strategies, and Development Plans for accredited educational institutions by 01.09.2024.

- According to the results of research conducted by teaching staff, the management of the educational institution should use innovative technologies (methods) of teaching in the educational process and conduct their annual analysis (2024-2025 academic year).

- The university management should develop a mechanism for improving the quality culture until 01.09.2024.

- The management of accredited CS should include in the CS development plan a section with a description of possible risks in the implementation of accredited CS, indicating the name of risks, possible consequences, and a description of risk management mechanisms and measures until 01.09.2024.

According to the "Information Management and Reporting" standard

Recommendations for EP 6B07214 "Technology and engineering of food and processing production", 7M07201 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 6B07211 - "Innovative textiles", 7M07211 "Innovative textiles":

- The EP management should strengthen the laboratory and practical training of students of accredited EP, for more practical training of students and the formation of modern competencies in technology, food processing until 01.09.2024.

- The EP management should bring information and results about the activities and effectiveness of the implemented EP to the teaching staff and students, with its constant analysis (2024-2025 academic year).

- Career and Business Partnership Center to conduct an analysis of employment and career growth of graduates of accredited educational institutions, with its constant analysis until 01.05.2025.

- The university management should expand the number of employers and organize regular meetings with final year students on employment issues until 01.01.2025.

- In order to increase the number of students and integrate science and production, it is recommended that the EP management draw up a development plan for the EP with an analysis of the current situation and attract applicants to the master's program EP 7M07211 - "Innovative Textiles" until 01.03.2025.

According to the standard "Development and approval of the educational program"

Recommendations for EP 6B07214 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 "Innovative textiles":

The management of the survey should expand the participation of interested parties in the development, coordination, implementation and monitoring of educational programs with a constant analysis of the results (2024-2025 academic year).

- To give the EP management, when implementing and monitoring accredited educational programs, the opportunity to choose a trajectory for students with mandatory inclusion of disciplines aimed at analytical thinking, development of managerial skills and industry economics (until 01.09.2025).

- The EP management needs to review the educational program in order to position it in the educational market, both at the national and international level, by 01.06.2025.

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

Recommendations for EP 6B07214 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 "Innovative textiles":

- The EP management should develop and implement criteria for evaluating answers for written and oral exams of students, review the final assessment of knowledge in the form of practical test tasks (until 01.03. 2025).

According to the standard "Student-centered learning, teaching and assessment of academic performance"

Recommendations for EP 6B07214 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 "Innovative textiles":

- The EP management should practice conducting methodological conferences/seminars at the university and at the faculty on analyzing and improving the methodology of teaching the main disciplines of accredited educational programs until 01.04.2025.

- To conduct an ongoing analysis and evaluation of training results for compliance with the goals of accredited training centers by 01.04.2025.

According to the "Students" standard

Recommendations for EP 6B07214 "Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 "Innovative textiles":

- In order to improve the situation with the formation and maintenance of a contingent of students, the EP management should develop a detailed career guidance plan in the context of accredited EP with an annual analysis (until 01.04.2025).

- The EP management should introduce a documented procedure for ensuring students ' participation in reviewing the content of educational programs, with a constant analysis of the results (until 01.05.2025).

- The management of the EP and the university should provide an opportunity for external and internal academic mobility of students (until 01.05.2025).

The management of the EP and the University should ensure the effective work of the Alumni Association (plan, protocol, report, etc.), as well as inform graduates about the activities of the Association (until 01.05.2025).

According to the standard "Teaching staff"

Recommendations for EP "6B07214" Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 "Innovative textiles":

- The University management should regularly analyze the contribution of teaching staff to the improvement of the University, determine educational goals and results, increase the effectiveness of training, and implement the university's development strategy (until 01.05.2025).

- To include in the plan of professional development of teaching staff indicative indicators for professional development of teaching staff in the subjects read in organizations outside the city (for example, organizations of the country, universities of neighboring countries, etc.) (until 01.06.2025).

-In the plan of educational and methodical work, include indicative indicators for the publication of educational and methodical literature on the disciplines of accredited educational institutions (until 01.09.2024).

- To introduce indicative indicators for the implementation of external and internal academic mobility of teaching staff to the EP management in the EP development plans by 01.09.2024.

According to the standard "Educational resources and student support systems"

Recommendations for EP "6B07214" Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211 - " Innovative textiles", 7M07211 "Innovative textiles":

- The EP management should identify and conduct a comprehensive analysis of the resources (human, material, organizational, etc.) required for the implementation of the EP and use these results to update the EP Development Plan (until 01.05.2025).

- The management of the EP should prepare an application for the purchase and plan the completion of specialized laboratories for accredited EP with modern equipment (until 01.05.2025).

According to the "Informing the Public" standard

Recommendations for EP "6B07214" Technology and engineering of food and processing production", 6B07215 "Technology of food products", 7M07201 "Technology and engineering of food and processing production "6B07211" Innovative textiles", 7M07211 "Innovative textiles":

- The EP management should promote the university's website and social networks by posting up-to-date information about educational programs (until 01.12.2024).

- The EP management should supplement the University's website with the necessary information about the EP (the dynamics of the student population, the level of academic performance, achievements of students, students' satisfaction with the implementation of the EP and the quality of training at the university, employment and career growth of graduates, etc.) (until 01.12.2024).

- The university management should use new methods to inform the public in order to attract a contingent of students for the successful implementation and functioning of the EP until 01.03.2025.

- The leadership of the EP shall use various methods of disseminating information to inform stakeholders, parents and other interested persons about the development and positioning of the EP by 01.03.2025

(IX) RECOMMENDATION TO THE ACCREDITATION COUNCIL

The members of the EEC came to the unanimous opinion that the EP "6B07214 Technology and Engineering of Food and Processing Production", 6B07215 "Technology of Food Products", 7M07201 "Technology and Engineering of Food and Processing

Production", 6B07211 "Innovative Textiles", 7M07211 "Innovative Textiles" are recommended for accreditation for a period of 5 years.

Appendix 1. Evaluation table "Conclusion of the external expert commission" for the EP "6B07214 Technology and Engineering of Food and Processing Production", 6B07215 "Technology of Food Products", 7M07201 "Technology and Engineering of Food and Processing Production"

№n /n	№n /n	Evaluation Criteria	Conformity assessment			
			strong	satisfactory	Implies improvement	unsatisfactory
The Standard "Study Program Management"						
1	1	The university should demonstrate the development of a goal and strategy for the development of the SP based on an analysis of external and internal factors with the broad involvement of a variety of stakeholders.		+		
2	2	The quality assurance policy should reflect the relationship between scientific research, teaching and learning.		+		
3	3	The university demonstrates the development of a culture of quality assurance.		+		
4	4	Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including in the implementation of joint double-degree education and academic mobility		+		
5	5	The management of the SP ensures transparency in the development of the SP development plan based on an analysis of its functioning, the real positioning of the university and the orientation of its activities to meet the needs of the state, employers, stakeholders and students.		+		
6	6	The management of the SP demonstrates the functioning of mechanisms for the formation and regular revision of the development plan of the SP and monitoring its implementation, evaluating the achievement of learning goals, meeting the needs of students, employers and society, and making decisions aimed at continuous improvement of the SP.		+		
7	7	The management of the SP should involve representatives of groups of interested persons, including employers, students and teaching staff in		+		

		the formation of a development plan for the SP.				
8	8	The management of the educational institution should demonstrate the individuality and uniqueness of the educational institution's 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 framework of the SP, an unambiguous distribution of staff duties, and the differentiation of functions of collegial bodies.		+		
10	10	The management of the SP ensures coordination of the activities of all persons involved in the development and management of the SP, and its continuous implementation, as well as involves all stakeholders in this process.		+		
11	11	The management of the SP should ensure the transparency of the management system, the functioning of the internal quality assurance system, including its design, management and monitoring, and appropriate decision-making.		+		
12	12	The management of the SP should carry out risk management.			+	
13	13	The management of the educational institution should ensure the participation of representatives of interested persons (employers, teaching staff, students) in the collegial management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program.		+		
14	14	The university must demonstrate innovation management within the framework of the SP, including the analysis and implementation of innovative proposals.		+		
15	15	The management of the SP should demonstrate its openness and accessibility to students, teaching staff, employers and other interested persons.		+		
16	16	The management of the SP confirms the completion of training in educational management programs.		+		
17	17	The management of the SP 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.		+		
Total according to the Standard				16	1	
The Standard "The Information Management and Reporting"						
18	1	The university must ensure the functioning of the information collection, analysis and management system based on the use of modern information and communication technologies and software tools.		+		

19	2	The management of the SP demonstrates the systematic use of processed, adequate information to improve the internal quality assurance system.		+		
20	3	Within the framework of the SP, it demonstrates the existence of a reporting system reflecting the activities of all structural divisions and departments within the framework of the SP, including an assessment of their effectiveness.		+		
21	4	The university should determine the frequency, forms and methods of evaluating the management of the SP, the activities of collegial bodies and structural units, and senior management.		+		
22	5	The university must demonstrate a mechanism to ensure the protection of information, including the identification of responsible persons for the reliability and timeliness of information analysis and data presentation.		+		
23	6	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.		+		
24	7	The management of the SP must demonstrate the existence of a mechanism for communication with students, employees and other stakeholders, including the existence of conflict resolution mechanisms.		+		
25	8	The university must ensure that the degree of satisfaction with the needs of teaching staff, staff and students within the framework of the SP is measured and demonstrate evidence of the elimination of the detected shortcomings.		+		
26	9	The university should evaluate the effectiveness and efficiency of its activities, including in the context of the SP			+	
<i>The information collected and analyzed by the university within the framework of the SP should take into account:</i>						
27	10	keyperformanceindicators;		+		
28	11	dynamics of the contingent of students in the context of forms and types;		+		
29	12	academic performance, student achievements and expulsion;		+		
30	13	satisfaction of students with the implementation of the SP and the quality of education at the university;		+		
31	14	accessibility of educational resources and support systems for students.		+		
32	15	employment and career development of graduates.			+	
33	16	Teaching staff and staff must document their consent to the processing of personal data.		+		
34	17	The management of the SP should help to provide all necessary information in the relevant fields of science.		+		

Total according to the Standard			1	14	2	
The Standard "Development and approval of study programs"						
35	1	The university must demonstrate the existence of a documented procedure for the development of an SP and its approval at the institutional level.		+		
36	2	The university must demonstrate the compliance of the developed SP with the established goals and planned learning outcomes.		+		
37	3	The management of the educational institution should determine the impact of disciplines and professional practices on the formation of learning outcomes.		+		
38	4	The university demonstrates the existence of a graduate model of an SP describing learning outcomes and personal qualities		+		
39	5	The qualifications obtained upon completion of the SP must be clearly defined, explained and correspond to a certain level of NSC and QF-EHEA.		+		
40	6	The management of the SP should demonstrate the modular structure of the program based on ECTS, ensure that the structure of the content of the SP meets the set goals with a focus on achieving the planned learning outcomes for each graduate.		+		
41	7	The management of the educational institution should ensure that the content of academic disciplines and learning outcomes correspond to each other and to the level of study (bachelor's, master's, doctoral studies).		+		
42	8	The management of the SP must demonstrate the conduct of external expertise of the SP.		+		
43	9	The management of the SP must provide evidence of the participation of students, teaching staff and other stakeholders in the development and quality assurance of the SP.		+		
44	10	The management of the educational institution should demonstrate the uniqueness of the educational program, its positioning in the educational market (regional/national/international).			+	
45	11	An important factor is the possibility of preparing students for professional certification		+		
46	12	An important factor is the availability of joint(s) and/or double-degree SP with foreign universities.		+		
Total according to the Standard				11	1	
The Standard "Continuous monitoring and periodic evaluation of SP"						
47	1	The university should ensure the revision of the structure and content of the SP, taking into account changes in the labor market, the		+		

		requirements of employers and the social demand of society.				
48	2	The university must demonstrate the existence of a documented monitoring procedure and periodic evaluation to achieve the goal of the SP and continuous improvement of the SP.		+		
Monitoring and periodic evaluation of the SP should consider:						
49	3	The content of the program in the context of the latest achievements of science and technology in a particular discipline;		+		
50	4	Changes in the needs of society and the professional environment.				
51	5	workload, academic performance and graduation of students;		+		
52	6	effectiveness of student assessment procedures:		+		
53	7	needs and satisfaction of learners				
54	8	Compliance of the educational environment and the activities of support services with the goals of the SP;		+		
55	9	The management of the EP should publish information about changes to the SP, inform interested parties about any planned or undertaken actions within the framework of the SP.			+	
56	10	Support services should identify the needs of different groups of students and the degree of their satisfaction with the organization of training, teaching, assessment, and mastering the SP in general.		+		
Total according to the Standard			0	9	1	
The Standard "Student-centered learning, teaching and performance assessment"						
57	1	The management of the educational institution should ensure respect and attention to different groups of students and their needs, providing them with flexible learning paths.		+		
58	2	The management of the SP should ensure teaching based on modern achievements of world science and practice in the field of training, the use of various modern teaching methods and evaluation of learning outcomes that ensure the achievement of the goals of the SP, including competencies, skills to perform scientific work at the required level		+		
59	3	The management of the SP should determine the mechanisms for distributing the educational load of students between theory and practice within the framework of the SP, ensuring the development of the content and achievement of the goals of the SP by each graduate.		+		
60	4	An important factor is the availability of own research in the field of teaching methods of the disciplines of the SP.		+		
61	5	The university must ensure that the procedures for evaluating learning outcomes are consistent with the planned results and goals of the SP.			+	

62	6	The university must ensure the consistency, transparency and objectivity of the mechanism for evaluating the results of SP training, publication of criteria and assessment methods in advance.		+		
63	7	Evaluators should be familiar with modern methods of evaluating learning outcomes and regularly improve their skills in this area.		+		
64	8	The management of the SP should demonstrate the existence of a feedback system for the use of various teaching methods and evaluation of learning outcomes.		+		
65	9	The management of the educational institution should demonstrate support for the autonomy of students with simultaneous guidance and assistance from the teacher.		+		
66	10	The management of the educational institution must demonstrate the existence of a procedure for responding to student complaints.		+		
Total according to the Standard				9	1	
"Students" Standard						
67	1	The management of the educational institution should demonstrate the implementation of special adaptation and support programs for newly enrolled and foreign students.		+		
68	2	The university must demonstrate 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.		+		
69	3	The university should provide an opportunity for external and internal mobility of students, as well as assist them in obtaining external grants for training.		+		
70	4	The management of the educational institution should actively encourage students to self-education and development outside the main program (outside of educational activities).			+	
71	5	An important factor is the availability of a support mechanism for gifted students.		+		
72	6	The university should demonstrate coSPeration with other educational organizations and national centers "The European Network of National Information Centers for Academic Recognition and Mobility /National Academic Information Centers of Recognition" ENIC/NARIC in order to ensure comparable recognition of qualifications."		+		
73	7	The university should provide students with internship places, demonstrate the procedure		+		
74	8	for facilitating the employment of graduates, and maintaining contact with them.		+		

75	9	The university must demonstrate the procedures of documents confirming the qualifications obtained, including the achieved learning outcomes.		+		
76	10	The management of the SP must demonstrate that the graduate of the program has skills that are in demand in the labor market and that these skills are really relevant.		+		
77	11	The management of the SP should demonstrate the existence of a mechanism for monitoring the employment and professional activities of graduates.		+		
78	12	An important factor is the presence of an active Association/ alumnis association.			+	
Total according to the Standard				10	2	
The Standard "Academic staff"						
79	1	The university should have an objective and transparent HR policy in the context of the SP, including hiring (including invited teaching staff), professional growth and staff development, ensuring the professional competence of the entire staff.		+		
80	2	The university must demonstrate that the qualitative composition of teaching staff meets the established qualification requirements, the university's development strategy, and the goals of the SP.		+		
81	3	The management of the SP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning.		+		
82	4	The university should provide opportunities for career growth and professional development of teaching staff.		+		
83	5	The university should involve in teaching specialists from relevant industries with professional competencies that meet the requirements of the SP.		+		
84	6	The university must demonstrate the existence of a mechanism for motivating the professional and personal development of teaching staff.		+		
85	7	The university should demonstrate the widespread use of teaching staff of information and communication technologies and software in the educational process (for example, on-line training, e-portfolio, MOOCS, etc.).		+		
86	8	The university should demonstrate the focus of its activities on the development of academic mobility, attracting the best foreign and domestic teachers.			+	
87	9	The university must demonstrate the involvement of each teacher in promoting a culture of quality and academic integrity at the university, and determine the contribution of teaching staff, including invited ones,		+		

		to achieving the goals of the EP.				
88	10	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.		+		
Total according to the Standard				9	1	
The Standard "Educational resources and student support systems"						
89	1	The university must ensure that the infrastructure, educational resources, including material and technical ones, meet the goals of the educational program.		+		
90	2	The management of the SP must demonstrate the sufficiency of classrooms, laboratories and other facilities equipped with modern equipment to ensure the achievement of the goals of the SP.			+	
<i>The university must demonstrate the compliance of information resources with the needs of the university and the implemented programs, including in the following areas:</i>						
91	3	Technological support for students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs);		+		
92	4	Library resources, including a fund of educational, methodological and scientific literature on general education, basic and profile disciplines on paper and electronic media, periodicals, access to scientific databases.		+		
93	5	examination of research results, graduation papers, dissertations on plagiarism;		+		
94	6	access to educational Internet resources;		+		
95	7	the functioning of WI-FI in your territory.		+		
96	8	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.		+		
97	9	The university should strive to ensure that the educational equipment and software used to master the SP are similar to those used in the relevant sectors of the economy.		+		
98	10	The management of the SP should demonstrate the availability of support procedures for various groups of students, including information and counseling.		+		
99	11	The management of the SP should show the availability of conditions for the advancement of the student along an individual educational		+		

		trajectory.				
100	12	The university should take into account the needs of different groups of students (adults, working, foreign students, as well as students with special educational needs).		+		
101	13	The university must ensure that the infrastructure meets the security requirements.		+		
Total according to the Standard				12	1	
The Standard "Public Awareness"						
102	1	The university guarantees that the published information is accurate, objective, relevant and reflects all areas of the university's activities within the framework of the educational program.		+		
103	2	Public awareness should include support and clarification of the national development programs of the country and the system of higher and postgraduate education.		+		
104	3	The university'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 interested parties.		+		
<i>Information about the educational program is objective, relevant and should include:</i>						
104	-	Goals and planned results of the educational program, assigned qualifications;		+		
105	-	Information about the assessment system of students' academic achievements;		+		
106	-	Information about academic mobility programs and other forms of cooperation with partner universities and employers.		+		
107	-	The management of the SP should use a variety of ways to disseminate information, including the media, information networks to inform the general public and interested parties.		+		
108	-	Information about the opportunities for the development of personal and professional competencies of students and employment;		+		
109	5	Data reflecting the positioning of the SP in the educational services market (at the regional, national, and international levels)		+		
110	6	An important factor is the availability of adequate and objective information about the teaching staff of the SP, in the context of personalities.		+		
111	7	The university must demonstrate the reflection on the web resource of information characterizing the university as a whole and in the context of the SP.		+		

112	8	An important factor is the placement of information about cooperation and interaction with partners, including scientific/consulting and organizations, business partners, social partners and educational organizations.		+		
Total according to the Standard				12		
Total			1	102	10	

Appendix 2. Evaluation table “Conclusion of the external expert commission” (for EP 6B07211 Innovative textiles, 7M07211 Innovative textiles)

p/p	p/p	evaluation Criteria	, the organization of education			
			Strong	Suit-	Involves	Unsatisfac-
Standard "Management of the educational program"						
1	1	the University must demonstrate the development of goals and strategies for the development of OP based on the analysis of external and internal factors, with wider involvement of diverse stakeholders		+		
2	2	quality assurance Policy needs to reflect the relationship between research, teaching and learning		+		
3	3	University demonstrates the development of a quality assurance culture		+		
4	4	Commitment to quality assurance should relate to any activity carried out by contractors and partners (outsourcing), including the implementation of joint/double-diploma education, academic mobility		+		
5	5	Manual OP ensures the transparency of the development plan OP based on the analysis of its functioning, the actual positioning of the University and focus its activities to meet the needs of students, the state, employers and other stakeholders		+		
6	6	OP Guide demonstrates the mechanisms of formation and regular revision of the development plan OP and monitoring its implementation, and assessment of achievement of learning objectives, meet the needs of students, employers and society, decision-making, aimed at continuous improvement of OP		+		

7	7	Manual OP should involve representatives of stakeholder groups, including employers, students and teachers to the formation of a development plan OP		+		
8	8	Manual OP must demonstrate individuality and unikalnosti development OP consistency with national development priorities and development strategy to the organization of education		+		
9	9	the Institution must demonstrate a clear definition of responsible for the business processes within the framework of the OP, the distribution of duties of personnel, segregation of collective bodies		+		
10	10	Manual OP is coordinating the activities of all persons involved in the development and management of OP and its continuous implementation and involving in this process all stakeholders		+		
11	11	Manual OP should maintain the transparency of the management system, the functioning of the internal quality assurance system, including its design, management and monitoring, the adoption of the resolutions		+		
12	12	The management of the educational program should carry out risk management			+	
13	13	The management of the educational program should ensure the participation of representatives of interested parties (employers, teaching staff, students) in the collective management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program		+		
14	14	university should demonstrate innovation management within the framework of the and implementation of innovative proposals		+		
15	15	The EP management should demonstrate its openness and accessibility to students, faculty, employers and other stakeholders		+		
16	16	The EP management confirms training in educational management programs		+		
17	17	The EP management should strive to ensure that progress made since the last external quality assurance procedure is accepted take into account when preparing for the following procedure		+		
Total according to the standard				16	1	
Standard "Information Management and reporting"						
18		The university should ensure the functioning of the system for collecting, analyzing and managing information based on modern information and communication technologies and software tools		+		
19		The OP management demonstrates the systematic use of processed, adequate information to improve the internal quality assurance system		+		
20		The OP management demonstrates the presence of a reporting system,		+		

		reflecting the activities of all structural divisions and departments within the framework of the EP, including an assessment of their performance				
21		The university should determine the frequency, forms and methods of evaluating the management of the EP, the activities of collegial bodies and structural divisions, and top management		+		
22		The university should demonstrate a mechanism for ensuring information security, including identifying those responsible for the accuracy and timeliness of information analysis and data provision		+		
23		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		+		
24		The management of the EP should demonstrate the existence of communication mechanisms with students, employees and other stakeholders, including conflict resolution		+		
25		The university should measure the degree of satisfaction with the needs of students, teaching staff and staff within the framework of the EP and demonstrate evidence of addressing the identified shortcomings		+		
26		The university should evaluate the effectiveness and efficiency of activities in the context of the EP			+	
<i>Information collected and analyzed by the university within the framework of the EP should take into account:</i>						
27	10.	key performance indicators		+		
28	11.	dynamics of the number of students in the context of forms and types		+		
29	12.	level of academic performance, student achievements and deductions		+		
30	13.	satisfaction of students with the implementation of the OP and the quality of education at the university		+		
31	14.	availability of educational resources and support systems for students		+		
32	15.	employment and career development of graduates			+	
33	16.	Students, teaching staff and staff must document their consent to the processing of personal data		+		
34	17.	The management of the OP should help to provide the necessary information in the relevant fields of science		+		
Total according to standard			1	14	2	
Standard "Development and approval of the educational program"						
35		The university must demonstrate the existence of a documented procedure for the development of the educational program and its approval at the institutional level		+		

36		The university must demonstrate the compliance of the developed educational program with the established goals and planned learning outcomes		+		
37		The management of the educational program must determine the impact of disciplines and professional practices on the formation of learning outcomes		+		
38		The university demonstrates the existence of a graduate model of the OP describing learning outcomes and personal qualities		+		
39		The qualification awarded upon completion of the OP should be clearly defined, explained and correspond to a certain level of NSC, QF-EHEA		+		
40		The OP management should demonstrate the modular structure of the program based on ECTS, ensure that the structure of the content of the OP corresponds to the goals set to achieve the planned learning outcomes of each graduate		+		
41		, the OP management must ensure that the content of academic disciplines and learning outcomes correspond to each other and the level of study (bachelor's, master's, doctoral studies).		+		
42		The EP management should demonstrate that external reviews of the EP		are conducted+		
43		The EP management should provide evidence of the participation of students, teaching staff and other stakeholders in the development and quality assurance of the EP		+		
44		The EP management should demonstrate the uniqueness of the educational program, its positioning in the educational market (regional/ national/ international)			+	
45		The ability to train students is an important factor students access to professional certification		+		
46	An	important factor is the presence of a joint (and / or two-degree program. OP with foreign universities		+		
Total according to standard				11	1	
Standard "Continuous monitoring and periodic evaluation of the educational program"						
47		The university must ensure that the structure and content of the educational program are reviewed, taking into account changes in the labor market, employers ' requirements, and social needs of society		+		
48		The university must demonstrate that there is a documented procedure for monitoring and periodic evaluation to achieve the goal of the educational program and continuously improve the educational		pro gra m+		
Monitoring and periodic evaluation of the EP should consider:						

49		the content of the program in the context of the latest achievements in science and technology in a particular discipline		+		
50		changes in the needs of society and the professional environment		+		
51		the workload, academic performance and graduation of students		+		
52		the effectiveness of student assessment procedures		+		
53		the needs and degree of satisfaction of students		+		
54		compliance of the educational environment and OP		+		
55		The management of the OP should publish information about changes to the OP, inform interested parties about any planned or undertaken actions within the framework of the OP			+	
56		Support services should identify the needs of various groups of students and the degree of their satisfaction with the organization of training, teaching, assessment, and development of the OP as a whole		+		
Total according to standard				9	1	
Standard "Student-centered learning, teaching and assessment of academic performance"						
57		The EP leadership should ensure respect and attention to different groups of students and their needs, provide them with flexible learning paths		+		
58		The EP leadership should ensure that teaching is based on modern achievements of world science and practice in the field of training, use various modern teaching methods and assessment of learning outcomes that ensure the achievement of the EP goals, including competencies skills of performing scientific work at the required level		+		
59		The EP management should determine the mechanisms for distributing the academic load of students between theory and practice within the EP, ensuring the development of the content and achievement of the goals of the EP by each graduate		+		
60		An important factor is the availability of their own research in the field of teaching methods of OP disciplines		+		
61		The university should ensure compliance with the procedures for evaluating learning outcomes			+	
62	The	university should ensure consistency, transparency and objectivity of the learning outcomes assessment mechanism of the EE, publication of criteria and methods for evaluating learning outcomes in advance		+		
63		Evaluators should be familiar with modern methods for evaluating learning outcomes and regularly improve their skills in this area		+		
64		The EE management should demonstrate a feedback system on the use of various methods of evaluating learning outcomes. teaching methods and assessment of learning outcomes		+		

65		The OP management should demonstrate support for student autonomy with simultaneous guidance and assistance from the teacher		+		
66		The OP management should demonstrate that there is a procedure in place to respond to student complaints		+		
Total according to standard				9	1	
Standard "Students"						
67		The university must demonstrate the policy of forming a contingent of students and ensure transparency and publication of procedures regulating the life cycle of students (from admission to completion).			+	
68		The EP management should provide for special adaptation and support programs for newly enrolled and foreign students		+		
69		The university should demonstrate that its actions comply 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		+		
70		The university should ensure that opportunity for external and internal academic mobility of students, as well as to assist them in obtaining external grants for training			+	
71		The university should encourage students to self-educate and develop outside the main program (extracurricular activities)		+		
72		An important factor is the availability of a mechanism for supporting gifted students		+		
73		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		+		
74		The university should provide students with places of practice, demonstrate the procedure for promoting employment of graduates, maintaining communication with them		+		
75		The university should demonstrate the procedure for issuing graduates with documents confirming their qualifications, including the achieved learning outcomes		+		
76		The EP management should demonstrate that graduates of the program have skills that are in demand in the labor market and that these skills are really relevant		+		
77		The EP management should demonstrate that there is a mechanism for monitoring the employment and professional activities of graduates		+		
78		An important factor is the presence of a functioning alumni			+	

		association/association				
Total according to standard				9	3	
Standard "Teaching staff"						
79		The university must have an objective and transparent HR policy in the context of the OP, including hiring (including invited teaching staff), professional growth and development of personnel, ensuring professional competence of the entire staff		+		
80		The university must demonstrate compliance of the quality of the teaching staff with the established qualification requirements, strategy goals of the OP		+		
81		The OP management should demonstrate a change in the role of the teacher in connection with the transition to a student-centered approach.the transition to training and teaching		+		
82		The university should provide opportunities for career growth and professional development of teaching staff, including young teachers		+		
83		The university should attract specialists from relevant industries with professional competencies that meet the requirements of the OP		+		
84		The university should demonstrate the existence of a mechanism for motivating the professional and personal development of teaching		staf f+		
85		The university should demonstrate the widespread use of teaching staff information and communication technologies and software tools in the educational process (for example, on-line training, e-portfolio, MOHSs, etc.)		+		
86		The university should demonstrate the focus of its activities on developing academic mobility, attracting the best foreign and domestic teachers		+		
87		The university should demonstrate the involvement of each teacher in promoting a culture of quality and academic integrity to determine the contribution of teaching staff, including invited students, to achieving the goals of OP		+		
88		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		+		
Total according to standard				10		
Standard "Educational resources and student support systems"						
89	1.	The university must ensure that its infrastructure and educational resources, including material and technical resources, meet the goals		of the +		

90	2 edu cati onal pro gra m.	The EP management must demonstrate that classrooms, laboratories, and other facilities equipped with modern equipment are sufficient to meet the EP's goals			+	
<i>The university must demonstrate that the information resources meet the needs of the university and the implemented educational programs, including in the following areas:</i>						
91	3.	technological support for students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs)			+	
92	4.	library resources, including the collection of educational, methodological and scientific literature on general education, basic and profile disciplines on paper and electronic media, periodicals, access to scientific databases			+	
93	5.	examination of research results, graduation papers, dissertations for plagiarism			+	
94	6.	access to educational Internet resources			+	
95	7.	functioning of WI-FI on its territory			+	
96	8.	The university must demonstrate that it creates conditions for conducting scientific research, integrating science and education, and publishing the results of research work of teaching staff, employees, and students			+	
97	9.	The university should strive to ensure that the educational equipment and software used for mastering educational programs are similar to those used in the relevant sectors of the economy			+	
98	10.	The EP management should demonstrate that there are procedures in place to support various groups of students, including informing and advising			+	
99	11.	The OP management must show that there are conditions for promotion student's individual educational trajectory			+	
100	12.	The university should take into account the needs of various groups of students (adults, working people, foreign students, as well as students with special educational needs).			+	
101	13	The university must ensure that the infrastructure meets the security requirements			+	
Total according to standard					12	1
Standard "Informing the public"						
102	1.	The university guarantees that the published information is accurate, objective, up-to-date and reflects all areas of the university's activities			of the	

		within the framework		+		
103	2	Public awareness should include supporting and explaining the national development programs of the country and the system of higher and postgraduate education		+		
104	3.	The university management should use a variety of ways to disseminate information (including mass media, web resources, information networks, etc.) to inform the general public and interested persons		+		
Information about the educational program is objective, relevant and should include:						
105	4.	the purpose and planned results of the OP, the assigned qualification		+		
106	5.	information about the system for evaluating students ' academic achievements		+		
107	6.	information about academic mobility programs and other forms of cooperation with partner universities and employers		+		
108	7.	information on opportunities for developing students ' personal and professional competencies and employment		opp ortu niti es+		
109	8.	data reflecting the positioning of the OP in the educational services market (at the regional, national, and international levels)		+		
110	9.	An important factor is the publication on open resources of reliable information about teaching staff, in the context of personnel		+		
111	10.	The university must publish on its own web resource the audited financial statements for OP		+		
112	11.	The university should post information and links to external resources based on the results of external assessment procedures		+		
113	12.	An important factor is the publication of information about cooperation and interaction with partners, including scientific/consulting organizations, business partners, social partners, and educational organizations		+		
Total according to standard				12		
TOTAL			1	102	10	



СОГЛАСОВАНО
 Председатель Проректор
 НАО «Таразский региональный университет
 имени М.Х. Дулати»
 «6» мая 2024 года



АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТИҢ
 ТӘУЕЛСІЗ АГЕНТТІГІ
 НЕЗАВИСИМОЕ АГЕНТСТВО
 АККРЕДИТАЦИИ И РЕЙТИНГА
 INDEPENDENT AGENCY FOR
 ACCREDITATION AND RATING



ПРОВЕРЖЕНА
 Генеральный директор НУ «Независимое Агентство
 аккредитации и рейтинга»
 А.Б.Жумагулова
 «6» мая 2024 года

ПРОГРАММА ВИЗИТА ВНЕШНЕЙ ЭКСПЕРТНОЙ КОМИССИИ IAAR
 В ТАРАЗСКИЙ РЕГИОНАЛЬНЫЙ УНИВЕРСИТЕТ ИМЕНИ М.Х.ДУЛАТИ
 (СПЕЦИАЛИЗИРОВАННАЯ АККРЕДИТАЦИЯ)

Дата проведения визита: 20-22 мая 2024 года

Кластер	Образовательная программа
Кластер 1.	1) 6B04117 Финансы 2) 7M04115 Финансы 3) 6B04111 Бухгалтерский учет, аудит и налогообложение предпринимательства 4) 7M04117 Бухгалтерский учет и аудит
Кластер 2.	5) 6B04128 Менеджмент 6) 7M04120 Менеджмент 7) 6B04118 Экономика бизнеса
Кластер 3.	8) 6B04214 Юриспруденция 9) 7M04213 Юриспруденция
Кластер 4.	10) 6B05213 Экология и природопользование
Кластер 5.	11) 7M07411 Гидротехническое строительство и сооружения 12) 6B08615 Управление водными ресурсами 13) 7M07404 Управление водными ресурсами 14) 6B08612 Мелиорация и орошаемое земледелие 15) 7M08614 Мелиорация и орошаемое земледелие
Кластер 6.	16) 6B07316 Строительство и эксплуатация зданий и сооружений 17) 6B07320 Производство бетонных и керамических материалов 18) 7M07312 Инновационные технологии и исследования в строительстве

May 16, 2024			
16.00-17.00	Preliminary meeting of the EEC (discussion of key issues and the program of the visit)	IAAR External Experts	Join Zoom Conference https://us02web.zoom.us/j/9623882483 Conference ID: 962 388 2483
Day 1: May 21, 2024			
09.00-09.30	Distribution of responsibilities of experts, resolution of organizational issues	IAAR External Experts	Rectorate, room #404 Rectorate, room #404 Join the Zoom conference https://us02web.zoom.us/j/9623882483 Conference ID: 962 388 2483
09.30-10.00	Meeting with the Chairman of the Board - Rector	Chairman of the Board – Rector Mukhtar Kazbekovich Bayzhumanov, Doctor of Economics, Professor	Rectorate, Academic Council meeting room, 4th floor, #403 Join the Zoom conference https://us02web.zoom.us/j/9623882483 Conference ID: 962 388 2483
10.00-10.15	Technical break	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404
10.15-11.00	Meeting with vice-rectors	1. Member of the Board – Vice-Rector for Strategic Development and Internationalization Sholpan Altynbekovna Yesimova, Doctor of Economics, Professor 2. Director of the Department of Academic Work Saule Kurmantayevna Alimbaeva, PhD in Social Sciences, Acting Associate Professor 3. Member of the Management Board - Vice-Rector for Science and Digitalization Orynbaev Seitzhan Aueszhanovich, PhD, Associate Professor 4. Member of the Management Board - Vice-Rector for Social and Cultural Development Turlybek Aslan Edilkhanovich, PhD 5. Member of the Management Board - Vice-Rector for Infrastructure Development Salemov Serik Zhaksylykovich	Rectorate, Academic Council meeting room, 4th floor, #403 Join the Zoom conference https://us02web.zoom.us/j/9623882483 Conference ID: 962 388 2483
11.00-11.15	Technical break	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404
11.15-12.00	Meeting with heads of structural divisions	1. Head of the Educational and Methodological Department Mazhibayev Asylzhan-Kenzhekereevich 2. Head of the Online Learning Department Beglerova Svetlana	Rectorate, Academic Council meeting room, 4th floor, #403 Join the Zoom conference

		<p>Temirkhanovna</p> <ol style="list-style-type: none"> 3. Head of the Career and Business Partnership Center Erzhanova Mira Edygeevna 4. Director of the Office Registrar Myrkalykov Bauyrzhan Seitzhanovich 5. Head of the Marketing and Career Guidance Department Nazarbekova Alua Akhmediyarovna 6. Head of the Digital Archive Tolenov Zhasulan Zhaksilykovich 7. Head of the Strategic Development Department Daribaev Zhanali Erkimbekovich 8. Head of the Strategic Planning and Coordination Department Teleuova Saltanat Orazalievna 9. Head of the Accreditation, Rating and Quality Assurance Department Balkibaeva Gulzira Amangeldievna 10. Head of the International Cooperation Department Isabekova Gulnur Bolatbekovna 11. Head of the Center for Advanced Training and Retraining of Personnel Alimbetova Gulzhan Syrgabaevna 12. Head of the Library and Information Center Irzhanova Gulzhan Dzenisbekkyzy 13. Deputy Secretary of the Admissions Committee Abildayev Aidar Abubakirovich 14. Director of the Department of Science and Commercialization Kabdushev Arman Arystangalievich 15. Head of the Research and Development Department Zhangkuanyshev Martebe Kuttyqiyauly 16. Head of the Commercialization Department Tanayev Zhaidarbek Tolepbegenuly 17. Head of Project Management and Digitalization Tolegenova Dina Muratkyzy 18. Head of Technical Support and IT Support Zhaukashkanov Adilbek Kudaybergenuly 19. Editor of the newspaper "University of Tynysy" Absat Gulbaqyt Berikkyzy 20. Head of the Operational and Technical Department Aflatunov Akhmad Mursal-ogly 21. Chief Accountant Amirtaeva Nurbike Shaizhanovna 22. Head of the Human Resources Service Esmakhanov Bauyrzhan 	<p>https://us02web.zoom.us/j/9623882483 Conference ID: 962 388 2483</p>
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		<p>Meyrambekovich</p> <p>23. Head of the Chancellery Orumbaeva Marzhan Abdusamatovna</p> <p>24. Head of the Legal Service Sambetov Serik Togusovich</p> <p>25. Director of the Publishing House "Dulatyuniversity" Abdrasilov Azat Ibatbekuly</p> <p>26. Head of the Planning and Economic Department Musaeva Aiganym Altayevna</p> <p>27. Chief Specialist of the Department of Accounting and Movement of Students Kasenova Aiman Kalmakhanovna</p>	
12.00-12.15	Technical break	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404
12.15-13.00	Meeting with deans/directors of institutes (schools)	<p>1. Dean of the Faculty of "Economics and Law" Ernishev Kairat Asylbekuly</p> <p>2. Director of the Institute of "Water economy and environmental management" Omarova Galiya Edilbekovna</p>	<p>Rectorate, Academic Council meeting room, 4th floor, #403</p> <p>Join the Zoom conference</p> <p>https://us02web.zoom.us/j/9623882483</p> <p>Conference ID: 962 388 2483</p>
13.00-14.00	Lunch break	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404
14.00-14.10	Work of the EEC	IAAR External Experts	<p>Rectorate, Academic Council meeting room, 4th floor, #404</p> <p>Join the Zoom conference</p> <p>https://us02web.zoom.us/j/9623882483</p> <p>Conference ID: 962 388 2483</p>
14.10-15.00	Meeting with heads of departments and/or heads of educational programs	<p>1. Head of the Department of Finance and Accounting Moldabayeva Aigul Shaipovna</p> <p>2. Head of the Department of Economics and Management Shaldarbekov Kairat Bazarbayevich</p> <p>3. Acting Head of the Department of Civil Law and Procedure Turgynbek Gulnur Rapiibekkyzy</p> <p>4. Head of the Department of Ecology and Life Safety Omarbekova Marzhan Tiribolsynkyzy</p> <p>5. Head of the Department of Water Resources Abdirov Muratkhan</p> <p>6. Head of the Department of Land Reclamation and Agronomy</p>	<p>Rectorate, Academic Council meeting room, 4th floor, #403</p> <p>Join the Zoom conference</p> <p>https://us02web.zoom.us/j/9623882483</p> <p>Conference ID: 962 388 2483</p>

		Estayev Kuat Abenovich 7. Head of the Department of Construction and Production of Materials Esfermesov Zhandos Eleukenovich	
15.00-15.10	Technical break	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404
15.10-16.00	Meeting with faculty	1, 2, 3 cluster (Appendix #1) (zoom1 session room) 4,5, 6 cluster (Appendix #2) (zoom2 session room)	Rectorate, Academic Council meeting room, 4th floor, #403 Join the Zoom conference https://us02web.zoom.us/j/9623882483 Conference ID:962 388 2483
16.00-16.40	Questioning of faculty (in parallel)	Appendix 3 (list with valid e-mails)	The link is sent to the teacher's email personally 5 minutes before the start of the survey Rector's Office, Office No. 302
16.00-16.20	Technical break	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404
16.20-18.00	Visual inspection of the educational institution	Appendix 4 (Route through clusters with responsible persons) Video (10-15 minute clip about the infrastructure of the OP: auditoriums, halls, laboratories, sports and other halls...) through clusters for online experts	On the route
18.00-18.30	Work of the EEC (discussion of results and summing up of day 1)	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404 Join the Zoom conference https://us02web.zoom.us/j/9623882483 Conference ID:962 388 2483
18.30 – 19.30	Dinner	IAAR External Experts	
Day 2: May 21, 2024			
09.00-09.30	Work of the EEC (discussion of organizational issues)	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #403 Join the Zoom conference https://us02web.zoom.us/j/9623882483 Conference ID:962 388 2483
09.30-10.30	Meeting with students	1, 2, 3 cluster (Appendix No. 5) (session hall zoom1) 4,5, 6 cluster (Appendix No. 6) (meeting room, session hall zoom2)	Technological building 2.3. conference room #308

			Join Zoom conference https://us02web.zoom.us/j/9623882483 Conference ID: 962 388 2483
10.30-11.30	Student survey (in parallel)	Appendix No. 7 (list with valid e-mails)	The link is sent to the teacher's email personally 5 minutes before the start of the survey Rector's Office, Office No. 302
10.30-10.40	Technical break	IAAR External Experts	
10.40-13.00	Work with department documents (documents must be uploaded to the cloud by clusters in advance, if necessary, heads of departments will be invited to the Zoom online room) and attending teaching staff classes according to the schedule (Appendix 8)	Cluster 1 Cloud link: public:\Academic activities\Department of Academic Work\Accreditation 2024 Cluster 2 Cloud link: public:\Academic activities\Department of Academic Work\Accreditation 2024 Cluster 3 Cloud link: public:\Academic activities\Department of Academic Work\Accreditation 2024 Cluster 4 Cloud link: public:\Academic activities\Department of Academic Work\Accreditation 2024 Cluster 5 Cloud link: public:\Academic activities\Department of Academic Work\Accreditation 2024 Cluster 6 Cloud link: public:\Academic activities\Department of Academic Work\Accreditation 2024	Rectorate, Academic Council meeting room, 4th floor, #403 Join the Zoom conference https://us02web.zoom.us/j/9623882483 Conference ID:962 388 2483
13.00-14.00	Lunch break	IAAR External Experts	
14.00-16.00	Visiting the practice bases of the educational institution (in parallel by clusters)	Appendix #9 (route by cluster)	On the route
16.00-16.10	Technical break	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404
16.10-16.50	Meeting with employers of the educational institution	Appendix #10 (list for each cluster)	Technological building 2.3. conference room #308 Join Zoom conference https://us02web.zoom.us/j/9623882483 Conference ID: 962 388 2483
16.50-17.00	Technical break	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404
17.00-17.45	Meeting with graduates	Appendix No. 11 (list for each cluster)	Technological building 2.3. conference room #308

			Join Zoom conference https://us02web.zoom.us/j/9623882483 Conference ID: 962 388 2483
17.45-18.00	Technical break	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404
18.00-20.00	Work of the EEC, discussion of the results of the second day and profile parameters (recording is in progress)	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404 Join the Zoom conference https://us02web.zoom.us/j/9623882483 Conference ID:962 388 2483
20.00-21.00	Dinner	IAAR External Experts	
Day 3: May 22, 2024			
09.00-11.30	Work of the EEC (development and discussion of recommendations) (recording is in progress)	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404 Join the Zoom conference https://us02web.zoom.us/j/9623882483 Conference ID:962 388 2483
11.30-11.40	Technical break	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404
11.40-13.00	Work of the EEC, development and discussion of recommendations	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404 (Individual work of an expert offline)
13.00-14.00	Lunch break	IAAR External Experts	
14.00-16.15	Work of the EEC, discussion, decision-making by voting (recording is in progress)	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404 Join the Zoom conference https://us02web.zoom.us/j/9623882483 Conference ID:962 388 2483
16.15-16.30	Technical break	IAAR External Experts	Rectorate, Academic Council meeting room, 4th floor, #404
16.30-17.00	Final meeting of the EEC with the university management	Heads of the university and structural divisions	Academic Council Meeting Room 4th Floor, No. 403 Join Zoom Conference https://us02web.zoom.us/j/9623882483 Conference ID:

			962 388 2483
18.00-19.00	Dinner	IAAR External Experts	

Note: The program has been developed based on the Guidelines for organizing and conducting the external assessment procedure in the process of accreditation of an educational organization and (or) educational program (Order of the Director of IAAR No. 42-17-OD dated June 30, 2017), Guidelines for organizing and conducting an online visit of an external expert commission (including a visit of an expert group for post-accreditation monitoring) for the period of restrictive measures in connection with the COVID-19 pandemic (Order of the Director General of IAAR No. 58-20-OD dated July 1, 2020)

Abbreviations: IAAR – Independent Accreditation and Rating Agency, EEC – External Expert Commission of IAAR, EO – educational organization, OP – educational program, TS– teaching staff.


 The logo for IAAR (Independent Accreditation and Rating Agency) features the letters 'IAAR' in a stylized, blue, sans-serif font. The letters are enclosed within a large, light blue circular arc that is open at the top and bottom, resembling a partial circle or a wide smile.

Appendix 3. RESULTS OF THE SURVEY OF THE PPS

Questionnaire of the PPS TarRU

Total number of questionnaires: 56

2. Position,%

Professor	8 (14,3%)
Associate Professor	20 (35,7%)
Senior Lecturer	27 (48,2%)
Lecturer	0 (0%)
Head of Department	1 (1,8%)
Assistant Professor	0 (0%)

3. Academic degree, academic status

Distinguished figure	0 (0%)
Doctor of Science	3 (5,4%)
Candidate of Science	18 (32,1%)
Master	24 (42,9%)
PhD	11 (19,6%)
Professor	2 (3,6%)
Associate Professor/Associate Professor	4 (7,1%)
None	0 (0,0%)
Others	0 (0,0%)

4. Length of service at this university

Less than 1 year	0 (0%)
1 year – 5 years	1 (1,8%)
Over 5 years	55 (98,2%)
Other)	0 (0%)

No	Questions	Very good	Good	Relatively bad	Bad	Very bad	Not answered
1	To what extent does the content of the educational program meet your scientific and professional interests and needs?	34 (60,7%)	21 (37,5%)	1 (1,8%)	0 (0%)	0 (0%)	0 (0%)
2	How do you rate the opportunities provided by the University for the professional development of the teaching staff	24 (42,9%)	28 (50%)	4 (7,1%)	0 (0%)	0 (0%)	0 (0%)
3	How do you rate the opportunities provided by the University for the career growth of the teaching staff	22 (39,3%)	29 (51,8%)	5 (8,9%)	0 (0%)	0 (0%)	0 (0%)
4	How do you rate the degree of academic freedom of the teaching staff	26 (46,4%)	25 (44,6%)	4 (7,1%)	1 (1,8%)	0 (0,0%)	0 (0%)
	To what extent can teachers use their own						
5	• Teaching strategies	32 (57,1%)	21 (37,5%)	2 (3,6%)	0 (0%)	1 (1,8%)	0 (0%)
6	• Teaching methods	31 (55,4%)	22 (39,3%)	3 (5,4%)	0 (0%)	0 (0%)	0 (0%)
7	• Educational innovations	30	25	1	0	0	0

		(53,6%)	(44,6%)	(1,8%)	(0%)	(0%)	(0%)
8	How do you rate the work on organizing medical care and disease prevention at the University?	17 (30,4%)	32 (57,1%)	7 (12,5%)	0 (0%)	0 (0,0%)	0 (0%)
9	What attention does the management of the educational institution pay to the content of the educational program?	27 (48,2%)	26 (46,4%)	2 (3,6%)	0 (0%)	1 (1,8%)	0 (0%)
10	How do you rate the sufficiency and availability of the necessary scientific and educational literature in the library?	33 (58,9%)	23 (41,1%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
11	Evaluate the level of conditions created that take into account the needs of different groups of students?	22 (39,3%)	32 (57,1%)	1 (1,8%)	0 (0%)	1 (1,8%)	0 (0%)
	Assess the openness and accessibility of the management						
12	• Students	23 (41,1%)	27 (48,2%)	4 (7,1%)	1 (1,8%)	1 (1,8%)	0 (0%)
13	• Teachers	22 (39,3%)	29 (51,8%)	2 (3,6%)	2 (3,6%)	1 (1,8%)	0 (0%)
14	Assess the involvement of the teaching staff in the process of making management and strategic decisions	13 (23,2%)	37 (66,1%)	4 (7,1%)	2 (3,6%)	0 (0%)	0 (0%)
15	How is the innovative activity of the teaching staff encouraged?	25 (44,6%)	26 (46,4%)	3 (5,4%)	2 (3,6%)	0 (0%)	0 (0%)
16	Assess the level of feedback from the teaching staff to the management	20 (35,7%)	29 (51,8%)	4 (7,1%)	2 (3,6%)	1 (1,8%)	0 (0%)
17	What is the level of stimulation and involvement of young specialists in the educational process?	21 (37,5%)	27 (48,2%)	8 (14,3%)	0 (0%)	0 (0%)	0 (0%)
18	Assess the opportunities created for professional and personal growth for each teacher and employee	19 (33,9%)	34 (60,7%)	2 (3,6%)	1 (1,8%)	0 (0%)	0 (0%)
19	Assess the adequacy of the university management's recognition of the potential and abilities of teachers	14 (25%)	33 (58,9%)	8 (14,3%)	1 (1,8%)	0 (0%)	0 (0%)
	How the work is organized						
20	• On academic mobility	18 (32,1%)	31 (55,4%)	5 (8,9%)	1 (1,8%)	1 (1,8%)	0 (0%)
21	• On improving the qualifications of the teaching staff	23 (41,1%)	26 (46,4%)	6 (10,7%)	0 (0%)	1 (1,8%)	0 (0%)
	Assess the support of the university and its management						
22	• Scientific research initiatives of the teaching staff	23 (41,1%)	29 (51,8%)	4 (7,1%)	0 (0%)	0 (0%)	0 (0%)
23	• Development of new educational programs/disciplines/teaching methods	19 (33,9%)	34 (60,7%)	3 (5,4%)	0 (0%)	0 (0%)	0 (0%)
	Assess the level of opportunity for the teaching staff to combine teaching						
24	• with scientific research	11 (19,6%)	37 (66,1%)	8 (14,3%)	0 (0%)	0 (0%)	0 (0%)

25	• practical activities	12 (21,4%)	33 (58,9%)	11 (19,6%)	0 (0,0%)	0 (0%)	0 (0%)
26	Assess to what extent the knowledge students receive at the university corresponds to the realities of the requirements of the modern labor market	22 (39,3%)	29 (51,8%)	4 (7,1%)	0 (0%)	1 (1,8%)	0 (0%)
27	How do the management and administration of the university perceive criticism addressed to them?	7 (12,5%)	40 (71,4%)	7 (12,5%)	2 (3,6%)	0 (0%)	0 (0%)
28	Assess to what extent your academic workload corresponds to your expectations and capabilities?	17 (30,4%)	31 (55,4%)	7 (12,5%)	1 (1,8%)	0 (0%)	0 (0%)
29	Assess the focus of educational programs/curricula on developing students' skills and abilities to analyze the situation and make forecasts?	16 (28,6%)	36 (64,3%)	3 (5,4%)	1 (1,8%)	0 (0%)	0 (0%)
30	Assess to what extent the educational program in terms of content and quality of implementation corresponds to the expectations of the labor market and employers	18 (32,1%)	33 (58,9%)	5 (8,9%)	0 (0%)	0 (0%)	0 (0%)

35. Why do you work at this particular university?

1. Because, having the opportunity to study in my specialty, I always got a job in the specialty that I admired.
2. This is my choice!
3. I studied at the university, and secondly, I worked at the university, shared my experience. I am a citizen of the SOAS region myself. Mahan University service of Ali laikaily
4. good help is provided to the young specialist
5. I am a university graduate, I like magan
6. these are my 2 houses, my whole life has passed here
7. Graduate of the University, I want to contribute to the education of the youth of the region 8.Supports the field of science a lot.
9. University of Bees
10. creative self-realization, doing science
11. because I like it
12. the ability of the staff
13. I live in Taraz, and I like my job.
14. a good Ote team, a good university
15. I like it
16. because there is an opportunity to grow both in a career and at a professional level, there are all opportunities to engage in science and be realized in professional activities.
17. a large regional university in Taraz
18. my educational institution
19. It is very important for me to teach students, and the conditions for this are good at this university.
20. I live in the city
21. Taraz Regional University is one of the largest universities and the only one in our region, and the specialty "Automation" exists only in our university.since I studied for a doctoral degree under a targeted grant from M. Kh. Dulati TarSU at K. I. Satpayev KazNTU, I want to stay here and contribute to the development of our specialty
22. I love teaching students. Support of their ideas, implementation of startups, etc .
23. the Department of Universities and Universities of UCA in the past
24. because he graduated from this university and corresponds to the specialty

25. university, department
26. I like it.
27. I like the way Magan students and students work in this educational institution.
28. good salary
29. Graduate of the university. Therefore, bees have experience in the industry. I chose the goal of improving my knowledge
30. the results of many years of work experience are training young people in the field of education
31. studying at all stages, I was a child, a rocket!!
32. politicization of the long-term work experience of young people
33. this is my Alma mater
34. depending on the appropriate profession
35. I am a graduate of this university and I love teaching at the university.
36. I live and work in this city.
37. My choice was this Dulati University.
38. There is no other surprise, except that
39. this university is a multidisciplinary university providing three-stage training of specialists 40. - 41. I am the mascot of bees
42. I live in Taraz
43. I am a university graduate
44. send to the destination
45. M. Kh. Dulati Tarru is a multidisciplinary university that trains highly qualified specialists in various fields of activity.
46. at the place of residence
47. Business development
48. I work at a university.
49. I chose to work at this university for several reasons. Firstly, the university has an excellent reputation and recognition in the field of education, which allows you to work with highly qualified colleagues and enthusiastic students. Secondly, there are all the necessary resources for research and software development, including modern laboratories and library collections. Thirdly, the university actively supports innovative projects and initiatives, which allows me to develop professional skills and contribute to the development of educational technologies. Thus, the fact that the university is located in the area where I want to live and work, creating favorable conditions for life and professional growth, was also an important factor.

36. How often are master classes and classes with the participation of specialists held within the framework of your course?

very often	often	sometimes	very rarely	never
9 (16,1%)	29 (51,8%)	16 (28,6%)	1 (1,8%)	1 (1,8%)

37. How often do invited teachers (domestic and foreign) participate in the learning process?

very often	often	sometimes	very rarely	never
12 (21,4%)	18 (32,1%)	21 (37,5%)	4 (7,1%)	1 (1,8%)

38. How often do you encounter the following problems in your work: (please provide an answer in each line)

Questions	often	sometimes	very rarely	never

Lack of classrooms	4 (7,1%)	25 (44,6%)	27 (48,2%)	0 (0%)
Imbalance of academic load across semesters	6 (10,7%)	26 (46,4%)	24 (42,9%)	0 (0%)
Unavailability of necessary literature in the library	0 (0%)	25 (44,6%)	31 (55,4%)	0 (0%)
Overcrowded study groups (too many students in a group)	3 (5,4%)	15 (26,8%)	38 (67,9%)	0 (0%)
Inconvenient schedule	7 (12,5%)	34 (60,7%)	15 (26,8%)	0 (0%)
Inappropriate conditions for studying in classrooms	2 (3,6%)	27 (48,2%)	27 (48,2%)	0 (0%)
Lack of access to the Internet/weak Internet	9 (16,1%)	32 (57,1%)	15 (26,8%)	0 (0%)
Lack of interest in studying among students	3 (5,4%)	29 (51,8%)	24 (42,9%)	0 (0%)
Untimely receipt of information about events	1 (1,8%)	17 (30,4%)	38 (67,9%)	0 (0%)
Lack of technical teaching aids in classrooms	1 (1,8%)	25 (44,6%)	30 (53,6%)	0 (0%)
The other problems	<p>None None None - None increasing laboratories technical disconnection None everything is all right - - no problem none</p> <p>There is a problem of insufficient integration between different faculties and departments, which makes interdisciplinary collaboration and knowledge sharing difficult.</p> <p>Another problem is the high workload on teachers and researchers, which limits their opportunities to participate in additional projects and initiatives.</p> <p>Too much time is spent on extracurricular activities</p> <p>The absence of a canteen</p> <p>issued an order to pay for obtaining an academic title, it was said in the Ministry that they would pay not 17, but 25 mci, we hope our university will pay, and orders from the Ministry will be fulfilled</p> <p>There are no other problems</p> <p>the absence of a computer</p> <p>There is a lot of unnecessary paperwork and there is no urgency associated with it</p> <p>There are no problems</p> <p>The experience of the older generation is not taken into account due to their retirement.</p> <p>A lot of requested papers, reports, etc.</p> <p>ondirister tolyk zhumys zhasasa</p> <p>The internship of teachers in leading universities of the country and</p>			

abroad is poorly organized

39. There are many different sides and aspects to the life of a university that affect each teacher and employee in one way or another. Rate how satisfied you are with:

Questions	Fully satisfied (0)	Partially satisfied (0)	Dissatisfied (0)	Difficult to answer(0)
The attitude of the university management towards you	27 (48,2%)	25 (44,6%)	3 (5,4%)	1 (1,8%)
Relations with immediate management	34 (60,7%)	18 (32,1%)	4 (7,1%)	0 (0,0%)
Relations with colleagues in the department	46 (82,1%)	10 (17,9%)	0 (0,0%)	0 (0%)
The degree of participation in making management decisions	32 (57,1%)	20 (35,7%)	3 (5,4%)	1 (1,8%)
Relations with students	51 (91,1%)	5 (8,9%)	0 (0%)	0 (0%)
Recognition of your successes and achievements by the administration	37 (66,1%)	16 (28,6%)	3 (5,4%)	0 (0%)
Support for your suggestions and comments	32 (57,1%)	22 (39,3%)	1 (1,8%)	1 (1,8%)
Activities of the university administration	31 (55,4%)	19 (33,9%)	5 (8,9%)	1 (1,8%)
Terms of payment	25 (44,6%)	28 (50%)	3 (5,4%)	0 (0%)
Working conditions, the list and quality of services provided at the university	29 (51,8%)	25 (44,6%)	2 (3,6%)	0 (0%)
Occupational health and safety	42 (75%)	12 (21,4%)	1 (1,8%)	1 (1,8%)
Management of changes in the activities of the university	27 (48,2%)	26 (46,4%)	2 (3,6%)	1 (1,8%)
Provision of a social package: rest, sanatorium treatment, etc.	25 (44,6%)	22 (39,3%)	6 (10,7%)	3 (5,4%)
Organization and quality of food at the university	12 (21,4%)	27 (48,2%)	13 (23,2%)	4 (7,1%)
Organization and quality of medical care	24 (42,9%)	26 (46,4%)	3 (5,4%)	3 (5,4%)

Appendix 5. RESULTS OF THE STUDENT SURVEY

Total number of questionnaires: 47

1. Your educational program?

6B07214 Technology and engineering of food and processing production	2	3,2%
7M07201 Food Processing Technology and Engineering	2	3,2%
6B07211 Innovative Textiles	3	4,8%
7M07211 Innovative Textiles	2	3,2%

6B07215 Food Technology	3	4,8%
6B06111 Informatics and Computer Science	4	6,3%
7M06111 Informatics and Computer Science	2	3,2%
7M06114 Programming and Software Development	2	3,2%
6B06118 Information Systems and Technologies	8	12,7%
6B06120 Software Engineering	5	7,9%
6B07122 Automation and informatization in control systems	3	4,8%
6B05314 Chemistry	8	12,7%
7M05311 Chemistry	3	4,8%
6B07115 Chemical Engineering and Processes	3	4,8%
7M07112 Chemical Engineering and Processes	1	1,6%
6B07511 Standardization and quality management in industry	5	7,9%
7M07513 Standardization and Quality management in Industry (2 years)	2	3,2%
7M06113 Corporate Information Systems and Technologies	5	7,9%

2. Gender

Male	31 people	49,2 %
Female	32 people	50,8 %

3. Rate how satisfied you are:

Questions	Fully satisfied	Partially satisfied	Partially	unsatisfied Not satisfied	I can't answer
1. Relations with the dean	's office 54 people	6 people	0 people	1 person	2 people
2. The level of accessibility of the dean	's office (81 %)	(15,9 %)	(0 %)	(1,6 %)	(1,6 %)
3. The level of accessibility and responsiveness of the university management	54 people	7 people	0 people	1 person	1 person
4. The availability of academic advice	to you(82,5 %)	(14,3 %)	(1,6 %)	(0 %)	(1,6 %)
5. Support with educational materials in the learning process	55 people	5 people	1 person	1 person	1 person
6. Availability of counseling on personal problems	(82,5 %)	(12,7 %)	(1,6 %)	(1,6 %)	(1,6 %)
7. Relations between student and teacher	54 pers	7 pers	1 pers	0 pers	1 pers
8. Financial and administrative services of the educational institution	(77,8 %)	(17,5 %)	(3,2 %)	(0 %)	(1,6 %)
9. Availability of health services	47 people	9 people	4 people	1 person	2 people
10. Quality of medical care in higher education institutions	(71,4 %)	(17,5 %)	(4,8 %)	(1,6 %)	(4,8 %)
11. The level of availability of library resources	56 people	5 people	1 person	0 people	1 person

Questions	Fully satisfied	Partially satisfied	Partially	unsatisfied Not satisfied	I can't answer
12. The quality of services provided in libraries and reading rooms	(92,1 %)	(4,8 %)	(1,6 %)	(0 %)	(1,6 %)
13. Satisfaction with the existing educational resources of the university	52 people	6 people	4 people	0 people	1 person
14. Availability of computer classes	(74,6 %)	(20,6 %)	(3,2 %)	(0 %)	(1,6 %)
15. Availability and quality of Internet resources	49 people	10 people	2 people	1 person	1 person
16. Content and information content of the website of educational organizations in general and faculties (schools) in particular	(81 %)	(14,3 %)	(3,2 %)	(0 %)	(1,6 %)
17. Study rooms, auditoriums for large groups	52 people	8 people	2 people	0 people	1 person
18. Rest rooms for students (if available)	(76,2 %)	(12,7 %)	(4,8 %)	(1,6 %)	(4,8 %)
19. Clarity of the procedure for taking disciplinary measures	51 pers	7 pers	2 pers	0 pers	3 pers
20. The quality of the educational program as a whole	(77,8 %)	(17,5 %)	(1,6 %)	(1,6 %)	(1,6 %)
21. The quality of educational programs in the OP	50 people	8 people	3 people	1 person	1 person
22. Teaching methods in general	(74,6 %)	(17,5 %)	(4,8 %)	(1,6 %)	(1,6 %)
23. Quick response to feedback from teachers regarding the educational process	52 people	9 people	1 person	0 people	1 person
24. The quality of teaching in general	(81 %)	(14,3 %)	(3,2 %)	(0 %)	(1,6 %)
25. Academic load / student requirements	50 people	11 people	1 person	0 people	1 person
26. Teaching staff requirements for a student	(81 %)	(15,9 %)	(1,6 %)	(0 %)	(1,6 %)
27. Information support and explanation of the admission rules and strategy of the educational program (specialty) before entering the university	50 people	10 people	2 people	0 people	1 person
28. Informing the requirements for successfully completing this educational program (specialty)	51 pers	. 10 pers.	1 pers.	0 pers.	1 pers. The
29. quality of exam materials (tests and exam questions, etc.)	(81 %)	(12,7 %)	(3,2 %)	(1,6 %)	(1,6 %)
30. Objective assessment of knowledge, skills and other academic achievements	52 persons	9	1 person	0 people	1 person
31. persons 1 persons 0 persons 1 persons Available computer classes	(81 %)	(14,3 %)	(3,2 %)	(0 %)	(1,6 %)
32. Available scientific laboratories	49 people	12 people	1 person	0 people	1 person
33. Objectivity and fairness of teachers	(82,5 %)	(11,1 %)	(4,8 %)	(0 %)	(1,6 %)
34. Informing students about courses, educational programs and academic degrees	54 people	7 people	1 person	0 people	1 person
35. Providing students with a hostel	(77,8 %)	(14,3 %)	(3,2 %)	(0 %)	(4,8 %)

4. Evaluate how much you agree with:

Approval	Full agreement	Agree	Partially agree	Disagree	Fully disagree	Not answered
1. The course program was clearly presented	53 people	7 people	2 people	0 people	1 person	-
2. The course content is well structured	(79,4 %)	(15,9 %)	(3,2 %)	(0 %)	(1,6 %)	-3

. Key terms are sufficiently explained	51 people	8 people	3 people	0 people	1 person	-
4. The material proposed by the teacher is relevant and reflects the latest achievements in science and practice	(77,8 %)	(12,7 %)	(6,3 %)	(1,6 %)	(1,6 %)	-5
. The teacher uses effective teaching methods	49 people	12 people	2 people	0 people	0 people	-
6.The teacher knows the taught material	(81 %)	(15,9 %)	(3,2 %)	(0 %)	(0 %)	-7
. The teacher's presentation is clear	54 people	7 people	2 people	0 people	0 people	-
8.The teacher presents the material in an interesting form	48 people	11 people	4 people	0 people	0 people	-
9. Objective assessment of knowledge, skills, and other academic achievements	(76,2 %)	(19 %)	(4,8 %)	(0 %)	(0 %)	-10
. Timely assessment of students ' academic achievements	49 people	12 people	2 people	0 people	0 people	-
11.The teacher meets my requirements for personal development and professional development	(81 %)	(12,7 %)	(6,3 %)	(0 %)	(0 %)	-12
. The teacher encourages the activity of students	50 people	10 people	3 people	0 people	0 people	-
13. The teacher encourages students ' creative thinking	(73 %)	(23,8 %)	(3,2 %)	(0 %)	(0 %)	-14
. The appearance and manners of the teacher are adequate	52 people	10 people	1 person	0 people	0 people	-
15. The teacher shows a positive attitude to students	52 people	10 people	1 person	0 people	0 people	-
16.The system of assessment of academic achievements (seminars, tests, questionnaires, etc.) reflects the content of the course	(81 %)	(17,5 %)	(1,6 %)	(0 %)	(0 %)	-17
.Evaluation criteria, used by the teacher, clear	48 people	13 people	2 people	0 people	0 people	-
18. The teacher evaluates students ' achievements objectively	(84,1 %)	(11,1 %)	(4,8 %)	(0 %)	(0 %)	-19
. The teacher speaks a professional language	50 people	11 people	2 people	0 people	0 people	-
20. The organization of education provides sufficient opportunities for sports and other leisure	activities(76,2 %)	(15,9 %)	(7,9 %)	(0 %)	(0 %)	-21
. Facilities and equipment for students are safe, comfortable and modern	51 people	10 people	2 people	0 people	0 people	-
22. The library is well equipped and has a fairly good collection of books	(85,7 %)	(12,7 %)	(1,6 %)	(0 %)	(0 %)	-23
.Equal opportunities are provided to all students	52 people	7 people	4 people	0 people	0 people	-

5. Other issues regarding the quality of teaching (Basqamäseleler): 23 responses

1. No
2. all is well
3. Zhok
4. bar zhaksy
5. very good
6. all is well topic Level
7. no problem
8. ..
9. no

10. please, for God's sake, replenish the library's collection! The Ministry of Justice has a new commentary on the Criminal Code - they haven't come to us yet. Zhubenov has a book "Qualification" - we don't have it either! Support science! If you are at least a little open to the education system! Give us a courtroom! Conclude a memorandum with the economic investigation and the prosecutor's office - so that the experiment goes left! The teaching staff needs to be replaced by 80 percent! The level of teachers is very low! Apart from Uncle Satylganov Agan and Aunt Turgynbek Gulnur, I have not seen a specialist in my field.

11. unnoticed

12. no more problems

13. strong

14. The practice is not very good.

15. Jok

16. No complaints about the quality of teaching.

17. Didn't notice

18. I think that personally at the management department there were no problems with teaching, all teachers are very loyal to students. Always happy to help with questions and problems that arise.

19. no

20. No

21. No problems

22. no

