

Ministry of Education and Science of the Republic of Kazakhstan  
Bologna Process and Academic Mobility Center

# **COUNTRY REPORT**

**COUNTRY REPORT ON BOLOGNA PROCESS  
PARAMETERS IMPLEMENTATION AT THE  
HIGHER EDUCATION INSTITUTIONS OF THE  
REPUBLIC OF KAZAKHSTAN**

Ministry of Education and Science of the Republic of Kazakhstan  
Bologna Process and Academic Mobility Center

# COUNTRY REPORT

COUNTRY REPORT ON BOLOGNA PROCESS  
PARAMETERS IMPLEMENTATION AT THE  
HIGHER EDUCATION INSTITUTIONS OF THE  
REPUBLIC OF KAZAKHSTAN

Nur-Sultan, 2020

**UDC 378.1**

**MRNTI 14.35.01**

Country report on the implementation of the parameters of the Bologna process at higher education institutions of the Republic of Kazakhstan, E.Sadykov, A.Nurmagambetov, G.Musabekova, M.Rakhimova, K.Borgekova, A.Artykbai, A.Shukurova, K.Sugirbekova (Technical design B. Kalimov). – Nur-Sultan: RGP on REM "Bologna Process and Academic Mobility Center" MES RK, 2020. – 243 pages.

The country report on the implementation of the parameters of the Bologna Process was prepared by the RSE at the REM "the Bologna Process and Academic Mobility Center" by order of the Ministry of Education and Science of the Republic of Kazakhstan based on the analysis of official statistics and information provided by the country's universities.

The report is intended to inform the population, the pedagogical community and all interested parties about the state and results achieved in the implementation of the parameters of the Bologna Process in the higher education system of Kazakhstan in 2020.

**UDK 378.1**

**MRNTI 14.35.01**

# CONTENT

<b><u>INTRODUCTION</u></b>	<b>5</b>
<b><u>KAZAKHSTAN IN THE BOLOGNA PROCESS</u></b>	
<b>DEVELOPMENT TRENDS IN HIGHER EDUCATION .....</b>	<b>7</b>
QUALITY ASSURANCE SYSTEM	13
ACADEMIC MOBILITY	16
ATTRACTING FOREIGN SPECIALISTS	19
INTERNATIONAL ACTIVITIES OF UNIVERSITIES IN KAZAKHSTAN	22
PARTICIPATION IN INTERNATIONAL PROJECTS	30
DOUBLE DEGREE AND JOINT EDUCATIONAL PROGRAMS	34
THE SOCIAL ASPECT OF HIGHER EDUCATION	48
MASS OPEN ONLINE COURSES (MOOC)	54
MINOR EDUCATIONAL PROGRAMMES	60
<b><u>NOSTRIFICATION AND RECOGNITION OF EDUCATIONAL DOCUMENTS .....</u></b>	<b>64</b>
<b><u>CONCLUSION</u></b>	<b>67</b>

## INTRODUCTION

2020 marks the 10th anniversary of the signing of the Bologna Declaration by Kazakhstan.

The accession of Kazakhstan to the Bologna Process opened new horizons for the Kazakh system of higher and postgraduate education.

Kazakhstan, as a full member of the European Higher Education Area, is actively introducing the parameters of the Bologna process into the higher education system. The EHEA is a unique collaboration in which government authorities and higher education stakeholders work together to modernize higher education.

Modernization is carried out using the competence model in educational programs; active development of student mobility, an increase in the role of information technologies, the introduction of multilingualism and the improvement of the educational and methodological base in accordance with world educational trends.

The diversity of cultures, languages and environments, as well as a shared commitment to quality, transparency and mobility, offer unrivaled opportunities for learning, teaching, research and innovation.

Kazakhstan is a full member of the Bologna Process Observing Group (BFUG), a consultative member of 8 international organizations. These include the Council of Europe, UNESCO, European University Association (EUA), European Association of Higher Education Institutions (EURASHE), European Students' Union (ESU), European Association for Quality Assurance in Higher Education (ENQA), Education International and BUSINESSEUROPE.

In 2020, the **coronavirus pandemic**, as elsewhere in the world, has made significant adjustments to the global educational process. Classes have been moved online. Distance learning was updated, universities were connected to information systems such as MOODLE, PLATONUS, UNIVER, etc.

# KAZAKHSTAN IN THE BOLOGNA PROCESS

## DEVELOPMENT TRENDS IN HIGHER EDUCATION

In 2020, there is a positive trend in the implementation of the parameters of the Bologna process.

- The Report on self-certification of the National Qualifications Framework for Higher Education was prepared, according to the results of which the developed NQF for higher education correlates with the Qualifications Framework of the EHEA.

- The research base of universities is expanding due to the growth of existing international treaties.

- Active integration of scientific educational potential into the international community is being carried out. In the universities of Kazakhstan, there is an increase in joint educational programs.

- There is an increase in the areas of trilingual education at all levels of education in order to form a multicultural personality.

- There has been an increase in the provision of barrier-free access to higher education as part of a targeted policy of inclusive education.











- Distance learning is supported by increasing the number of MOOCs (Massive Open Online Course), reaching citizens of all ages, in order to develop the ability to constantly adapt to changes and assimilate new knowledge.







- High-quality actualization of higher education in the Republic of Kazakhstan through the acquisition of metasubject competencies and skills in practice in the context of the additional educational program MINOR is noted. Minor programs create conditions for providing graduates with maximum employment opportunities, increase the competitiveness of the university and the student in the labor market, improve the quality of education and the efficiency of mastering professional skills, strengthen the export potential and international prestige of universities.

- The procedure for nostrification and recognition of educational documents obtained abroad is being improved. It is translated into electronic format and carried out through the e-government portal.









The dynamics of the results of the implementation of the parameters of the Bologna process is traced by the "Bologna traffic light" method (Table 1).







**Table 1. Key indicators of Kazakhstan in the implementation of the parameters of the Bologna process**

No.	Indicator	2019	2020	Justification
1.	The implementation of programs of the first and second cycles			All university graduates receive a bachelor's or master's degree.
2.	Access to next-cycle programs			Every year, due to state procurement, access to the 3rd cycle is provided (doctoral PhD)
3.	Comparability of the national credit system with ECTS			Kazakhstan belongs to the category of countries where: <ul style="list-style-type: none"> <li>• There is a national credit system that is comparable to ECTS;</li> <li>• all universities use ECTS in the transfer of academic workload;</li> <li>• educational programs and their components are described taking into account the learning outcomes;</li> <li>• ECTS User Guide approved at the Yerevan Ministerial Conference is applied in the external assessment of universities.</li> </ul>
4.	Issuance of Diploma Supplement			The Diploma Supplement is issued to graduates (.37): <ul style="list-style-type: none"> <li>• free of charge;</li> <li>• in English;</li> <li>• automatically.</li> </ul>
5.	Implementation of the National Qualifications Framework (NQF)			A National Qualifications Framework for Higher Education was developed and a report on its compatibility with the Qualifications Framework of the European Higher Education Area was prepared. On

				September 15, 2020, the report was adopted by the Bologna Process Secretariat and posted on the ENIC-NARIC website.
6.	Development of an external quality assurance system			Kazakhstan belongs to the category of countries where: <ul style="list-style-type: none"> <li>- a national quality system is functioning;</li> <li>- all universities are subject to regular external quality assessment;</li> <li>- accreditation agencies operate on the basis of the European Quality Assurance Manual (ESG) and are registered with the EQAR.</li> </ul>
	Cross-border quality assurance of registered agencies in EQAR			The registry of recognized accreditation bodies includes 11 agencies, of which: <ul style="list-style-type: none"> <li>- 6 Kazakhstan (2 registered in EQAR: IAAR and IQAA)</li> <li>- 5 foreign (4 registered in EQAR: FIBAA, ASIIN, MusiQuE, ACQUIN)</li> </ul>
7.	Student Involvement in External Quality Assurance			Students of the Republic of Kazakhstan participate in 4 out of 5 possible levels of external quality assurance, including: <ul style="list-style-type: none"> <li>• in groups of external control;</li> <li>• in the preparation of self-assessment reports;</li> <li>• in the decision-making process for external reviews;</li> <li>• in subsequent procedures.</li> </ul> <p>Students do not participate in the governance structures of national quality assurance agencies.</p>



8.	Level of international participation in the quality assurance process			<p>International experts in the Republic of Kazakhstan participate in external quality assessment, including:</p> <ul style="list-style-type: none"> <li>the agencies are members or affiliates of ENQA;</li> <li>International experts / experts participate as members / observers in the assessment teams.</li> </ul>
9.	Automatic recognition of qualifications			<p>Kazakhstan is included in the list of 29 countries of the EHEA, where automatic recognition of higher education qualifications is not implemented. However, level 3 HE qualifications in the non-CIS EHEA are automatically recognized.</p>
10.	Recognition of previous training received in an unformal or informal way			<p>With the adoption at the end of 2018 of the Rules for the recognition of learning outcomes adults received through non-formal education provided by organizations included in the list of recognized organizations providing non-formal education (No. 508 of September 28, 2018) and the Rules for the recognition of organizations providing non-formal education, and the formation of list of recognized organizations providing non-formal education (order No. 537 of October 4, 2018) Kazakhstan has identified approaches to the recognition of learning outcomes received by informal by the small way.</p>
11.	Credit Mobility Tolerance			<p>At the legislative level, there is a compulsory transfer of completed educational curricula</p>

				in the form of loans at your own institution of higher education or to continue your studies at another institution of higher education.
12.	Support for access to training for small groups			<p>At the legislative level, the state's obligations are fixed in providing financial assistance to citizens with disabilities in development and from socially vulnerable groups of the population (quotas for admission to universities, scholarships, meals, a hostel, travel, uniforms, etc.).</p> <p>The program documents set target indicators for inclusive education. The participation of underrepresented groups in tertiary education is monitored on an annual basis. The results of policy effectiveness are reflected in the National Report on the State and Development of the Education System of the Republic of Kazakhstan.</p>
13.	Promotion of mobility programs for students from underrepresented groups			Students from a socially vulnerable category have a preemptive right in the selection of external outgoing academic mobility at the expense of the state. The participation of such a group of students is monitored as part of the preparation of annual analytical reports.
14.	Academic mobility of students			Kazakhstan belongs to the category of countries where inbound and outbound mobility are part of the national strategy. Normative legal acts have been developed. Every year, the state allocates financial resources to support students.

15.	Academic mobility	staff			Kazakhstan belongs to the category of countries where inbound and outbound staff mobility are part of the national strategy. Normative legal acts have been developed. Every year, the state allocates financial resources to support students.
16.	Internationalization and Mobility				Kazakhstan has a national strategy for the internationalization of higher education. The percentage of universities that have adopted this strategy is 100% in Kazakhstan.
17.	Match learning outcomes to market needs				Kazakhstan is one of the countries where the involvement of employers in the planning and management of higher education is mandatory for all higher education programs. The Ministry of Education and Science is developing and approving a classifier of training areas in collaboration with interested central executive bodies, employers and other social partners.

*\*a green color, light green, indicators indicate that the indicator has been reached, yellow, orange - intermediate levels of implementation of the parameter, red - the indicator is not achieved, there are problems with its implementation*

Thus, the implementation of the elements of the Bologna system in Kazakhstan proceeds sequentially, while each subsequent step in the implementation of the parameters is carefully studied, planned and only then included in the system.

Modernization of higher education in Kazakhstan in accordance with the Bologna principles allowed the country's universities to improve their **positions in international rankings**. World rankings as one of the indicators of the success of the country's education system in general and the university, in particular. An objective assessment of international experts, representatives of the business environment and the academic community increases the quality indicators of educational services.

In 2020, following a conference of ministers of education of members of the European Higher Education Area, **the Rome Communiqué** was adopted.

As part of the implementation of the further development of higher education systems in the EHEA countries until 2030, three areas are being actualized: **inclusive, innovative, interconnected.**

-**Inclusive**, every learner will have equitable access to higher education and will be fully supported in completing their studies and training;

-**Innovative**, it will introduce new and better aligned learning, teaching and assessment methods and practices, closely linked to research;

-**Interconnected**, our shared frameworks and tools will continue to facilitate and enhance international cooperation and reform, exchange of knowledge and mobility of staff and students.

In accordance with the analysis and modern global trends in the development of higher education, the universities of the Republic of Kazakhstan are recommended to:

1. Strengthen its capacity to meet the needs of a more diverse student and workforce, and create inclusive learning environments and inclusive institutional cultures.

2. Structure international mobility programs in higher education, which should be implemented in a way that fosters diversity, equality and inclusiveness, and should, in particular, facilitate the participation of students and staff from vulnerable, disadvantaged or under-represented communities.

3. Ensure community participation in higher education development that promotes diversity, equity and inclusiveness.

4. Strengthen the implementation of student-centered learning.

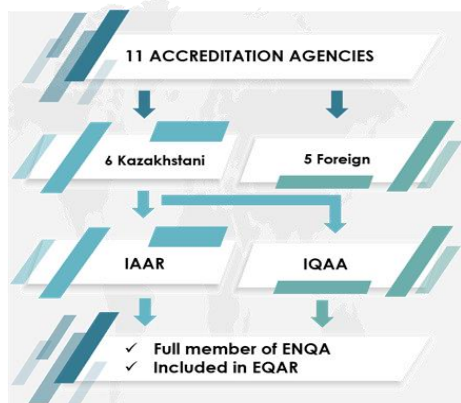
5. Promote lifelong learning improvement.

6. Strengthen the capacity of the university to improve the effectiveness of learning and teaching.

7. Ensure quality in accordance with the Standards and Guidelines for Quality Assurance in the European Higher Education Area (ESG).

## Quality Assurance System

The Register of Recognized Accreditation Bodies includes 11 accreditation



agencies: 6 Kazakhstani (IAAR, IQAA, KAZSEE, ARQA, ECAQA, NCCA) and 5 foreign agencies (German agencies - ASIIN, FIBAA, ACQUIN, Belgian agency - MusiQuE, US agency ACBSP) (fig. 1).

In 2020, the Register of accredited educational organizations includes 115 universities, 321 colleges, 45 organizations of additional education and 4 secondary schools.

104 (+2 non-civil) universities have passed the institutional accreditation procedure. Of these, 50 in IQAA, IAAR - 43, ARQA - 5, KAZSEE - 3, FIBAA - 3, ECAQA - 1, NCCA - 2, ACQUIN - 1, ASIIN - 1, which is 92% of the total number of civil universities (113) (fig. 1). Of these, 11 are national (100%); NAO - 26 out of 27 (96%), AO - 16 out of 19 (84%); international - 1 (100%); private - 49 out of 55 (90%), non-civil - 2 out of 14 (14%).

Figure 1. Number of accredited higher education institutions by accreditation bodies



In June 2020, Astana IT University and the International University of Tourism and Hospitality entered the Register of accredited higher educational institutions with primary accreditation.

3 universities: Central Kazakhstan Academy (IQAA / ACQUIN), KIMEP University (IQAA / FIBAA) and University of International Business (IQAA / FIBAA) have dual accreditation in two different bodies. Two non-civilian universities were also accredited

- the Academy of Law Enforcement Agencies under the General Prosecutor's Office of the Republic of Kazakhstan and the Academy of Public Administration under the President of the Republic of Kazakhstan.

All national universities of the country have passed institutional accreditation in Kazakhstan agencies (IQAA - 4, IAAR - 5, ARQA - 1, KAZSEE - 1). Non-profit joint-stock companies-universities also undergo institutional accreditation in domestic agencies (IQAA - 9, IAAR - 12, ARQA - 3, KAZSEE - 2). Several universities with the form of government of a joint stock company (JSC) have passed international accreditation (IQAA - 7, IAAR - 5, ECAQA - 1, FIBAA - 2, ASIIN - 1). Private universities also undergo institutional accreditation in international agencies (IQAA - 27, IAAR - 20, ARQA - 2, NCCA - 2, FIBAA - 1, ACQUIN - 1).

#### **Register of accredited educational programs.**

3899 educational programs have passed specialized accreditation, which is 41.5% of the total number of EP (9380 EP). Of these accredited bachelor's programs - 50.2% (2122 out of 4221), master's programs - 31% (1343 out of 4332), doctoral studies - 52.5% (434 out of 827).

108 universities (95%) have passed specialized accreditation.

480 EPs are accredited in international accreditation agencies. Of these, bachelor's programs - 208, master's - 203, doctoral - 69. The share of educational programs with international accreditation is 5.1% of the total number of EP, of which bachelor's programs - 4.9%, master's - 4.7%, doctoral studies - 8.3%.

Most of the accredited educational programs are accredited by the German agency ACQUIN - 4.8% (187). Further in ASIIN - 3% (120), FIBAA - 2% (80), MusiQuE - 1.5% (58), ACBSP - 0.5% (19) and AQ Austria - 0.4% (16) (tab. .1).

**Table 1. Accredited educational programs by accreditation bodies**

No.	Name of the accreditation body	Undergraduate	Postgraduate	Doctorate	Total	% of the total
1	IAAR	1019	586	188	1793	46
2	IQAA	698	393	121	1212	31
3	ACQUIN	79	73	35	187	4,8
4	ASIIN	56	55	9	120	3
5	FIBAA	32	34	14	80	2
6	MusiQuE	26	22	10	58	1,5
7	KAZSEE	79	66	38	183	4,8

8	ARQA	114	91	18	223	5,8
9	ECAQA	4	3	0	7	0,2
10	AQ Austria	6	11	0	17	0,4
11	ACBSP	9	9	1	19	0,5
<b>Total</b>		<b>2122</b>	<b>1343</b>	<b>434</b>	<b>3899</b>	<b>100%</b>

The information system "**Register of educational programs of higher and postgraduate education**" was launched in the unified higher education accounting system (ESUVO). The register performs an accounting and information function, allows you to automate the input, storage, search, maintenance of the database of EP HPE, inform interested parties about EP implemented by universities in Kazakhstan. The procedure for receiving, processing and including the OP in the Register is fully automated. The IS "Register of EP" includes Passports of EP, implemented in the universities of the Republic of Kazakhstan for all 3 levels and areas of training (Table 2). The Registry is maintained by the Operator, determined by the authorized body in the field of education - the Center for the Bologna Process and Academic Mobility.

All interested parties (university employees, employees of secondary education systems, parents of schoolchildren, applicants, employers, etc.) have an unhindered opportunity to familiarize themselves with the materials of the Register on the website [esuvo.platonus.kz](http://esuvo.platonus.kz) and [enic-kazakhstan.kz](http://enic-kazakhstan.kz).

**Table 2. Number of educational programs included in the Register**

No.	Education field	Number of EPs by educational level				
		BA	MA	Res.	PhD	All
1	Pedagogical Sciences	1037	790	-	142	1969
2	Arts and Humanities	495	349	-	106	950
3	Social sciences, journalism and information	185	176	-	32	393
4	Business, management and law	745	968	-	135	1848
5	Natural sciences, mathematics and statistics	229	292	-	81	602
6	Information and communication technologies	300	248	-	47	595
7	Engineering, manufacturing and construction	711	781	-	166	1658
8	Agriculture and bioresources	103	110	-	41	254
9	Veterinary	19	17	-	11	47
10	Healthcare (medicine)	67	132	251	30	480
11	Services	222	150	-	13	385
12	National security and military affairs	7	-	-	-	7
<b>Total</b>		<b>4120</b>	<b>4013</b>	<b>251</b>	<b>804</b>	<b>9377</b>

## Academic mobility

Academic mobility is one of the mandatory parameters of the Bologna process. A program of academic mobility of students is being implemented in Kazakhstani universities. This program allowed Kazakhstani students to take courses from leading specialists in areas of knowledge of interest for the further development of Kazakhstan's economy. In addition, students, having stayed in a different cultural environment, received the skills to adapt to new conditions.

In general, the mobility program has increased the status of Kazakhstani universities and the demand for their graduates in the labor market.

In 2020, the number of Kazakhstani students who took part in the program of external outbound academic mobility at the expense of the Ministry of Education and Science of the Republic of Kazakhstan and extra-budgetary funds amounted to **1,373** people.

At the expense of budgetary funds, **33 bachelors** undertook the academic mobility program. (Table 1).

**Table 1. External outgoing academic mobility of students by level of education, at the expense of budget funds**

Year	Financing	Education levels, people			
		BA	MA	PhD	Total
2020	At the expense of budget funds	33	-	-	<b>33</b>

The host region of the majority of Kazakhstani students at the expense of budgetary funds is Europe - 23 people. The CIS countries received 2 people, the USA - 4 people, Southeast Asia - 2 people (Table 2).

**Table 2. External outgoing academic mobility of students in the context of regions, at the expense of budget funds, people.**

Year	Region				Total:
	Europe	USA	CIS	SA	
2020	23	6	2	2	<b>33</b>

In the context of European countries, **Poland** is the leader among states in accepting Kazakhstani students -**243 people** (Table 3).



Table 3. Leading countries in admission of students of the Republic of Kazakhstan in the context of European countries, people.

Country	2020
Poland	243
Germany	62
France	74
Czech Republic	55
Latvia	36

South Korea (40.2%), China (31.4%) and Japan (20.6%) are the countries of Southeast Asia accepting a larger number of students from Kazakhstan.

In the CIS countries, Russia annually ranks first in admission of students in the framework of academic mobility in 2020 - 80.6% (Table 4).

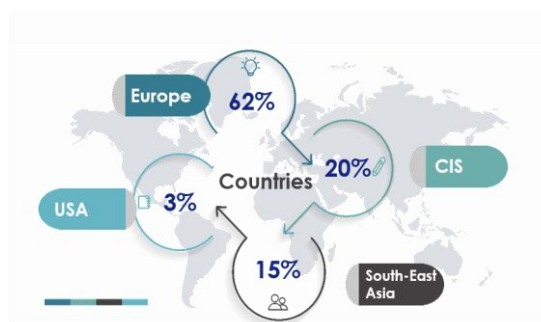


Table 4. Leading countries in admission of students of the Republic of Kazakhstan in the context of the CIS countries, people

Country	2020
Russia	326
Kyrgyzstan	30
Belarus	4
Uzbekistan	20
Azerbaijan	10

**Sources of funding** for external outbound mobility of a university - funds of students or a university, an equivalent exchange with a partner university, funds of the host university, various international grant programs. Since 2020, students on academic mobility have opened up new opportunities and sources of funding. This is an equivalent exchange with a partner university and at the expense of funding from a foreign university (Table 5).

Table 5. Sources of funding for external outgoing academic mobility of students, pers.

No.	Funding source name	2020
1	The student's own funds	829
2	Budget	33

3	Extra-budgetary funds of the university	55
4	Erasmus+	73
5	Interuniversity agreement	271
6	Other international grant programs	100
7	Exchange	9
8	Foreign university	3
<b>Total:</b>		<b>1373</b>

In the context of educational areas, the leading direction in 2018, 2019 and 1 half. 2020 is "Business, Management and Law" - 22.6%. This is followed by "Pedagogical Sciences" - 19.4% and "Engineering" - 14.4% (Table 6).

**Table 6. External outgoing academic mobility of students in the context of areas of education, pp**

<b>Education field</b>	<b>2020</b>
Business, management and law	296
Pedagogical Sciences	207
Engineering	249
Arts and Humanities	123
Medicine	95
ICT	68
Natural Sciences	58
Social Sciences	154
Services	95
Agriculture	22
Veterinary	6
<b>Total</b>	<b>1373</b>

In 2020, at the expense of extra-budgetary funds, universities sent **1,373** students to study abroad. Of these, 1,119 bachelors, 195 undergraduates, 21 doctoral students, 31 interns and 7 residency students. The largest number of students falls on such an area of education as "Business, Management and Law" - 296 people.

In 2020, the indicator of incoming external academic mobility was 127 people from 13 foreign countries. At the same time, the external outgoing mobility of students exceeds the incoming academic mobility by 10 times.

The main alternative source of funding for external outgoing academic mobility is student funds (60%).

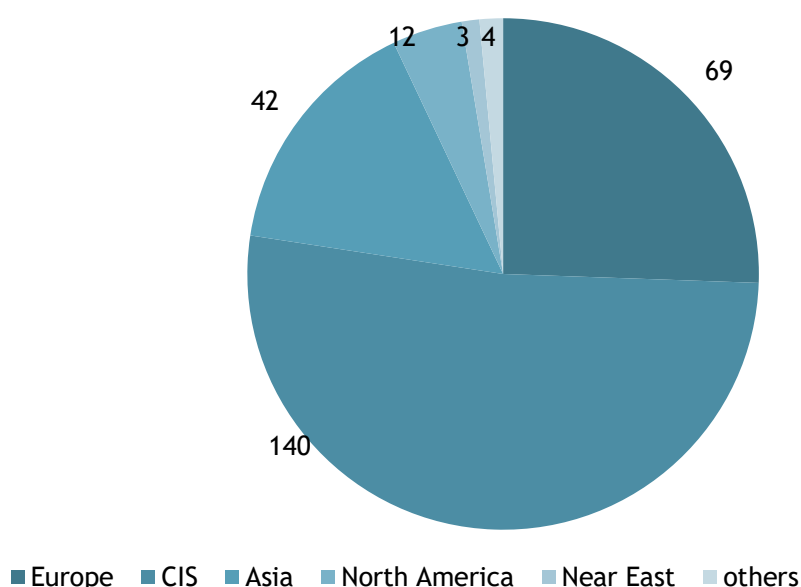
## Attracting foreign specialists

Due to the current situation in 2020, against the backdrop of the COVID-19 pandemic, the implementation of the program to attract foreign specialists to teaching activities was suspended at the expense of budget funds.

In 2020, **270** foreign specialists (in 45 universities) were involved in teaching activities at the expense of extra-budgetary funds. Of these national universities - 78, NAO - 95, AO - 43, private - 54 people.

Kazakhstani universities invite specialists mainly from the CIS countries (52%), while from Europe -25%, Asia -15%. Russia is the leader among the CIS countries - 85 people. From European countries - Poland and Bulgaria (9 people each), Asia - Turkey (24 people), North America - USA (11 people) (Fig. 1).

Figure 1. Invited foreign specialists by region, people.



Of the 270 attracted foreign teachers, the largest representation is from the CIS countries - 140 people. From Europe - 69, Asia - 42, North America - 12, the Middle East - 3 people and 4 people from other countries. The duration of teaching foreign specialists in universities is from 4 to 120 days (Table 1).

Table 1. Duration of stay of foreign specialists, pers.

Amount of days	Number of persons
4-7	31
8-14	90
18-31	39

35-60	10
61-90	39
≥ 91	61
Overall	270

The qualitative composition of foreign specialists involved is as follows: PhD - 87 people, doctors of sciences - 86, candidates of sciences - 63, masters - 23 and bachelors - 11 (Table 2).

Table 2. Foreign specialists, level of education, %

Level of education	
PhD	32%
Doctor of Science	32%
Candidates of science	23%
Masters	9%
Bachelors	4%

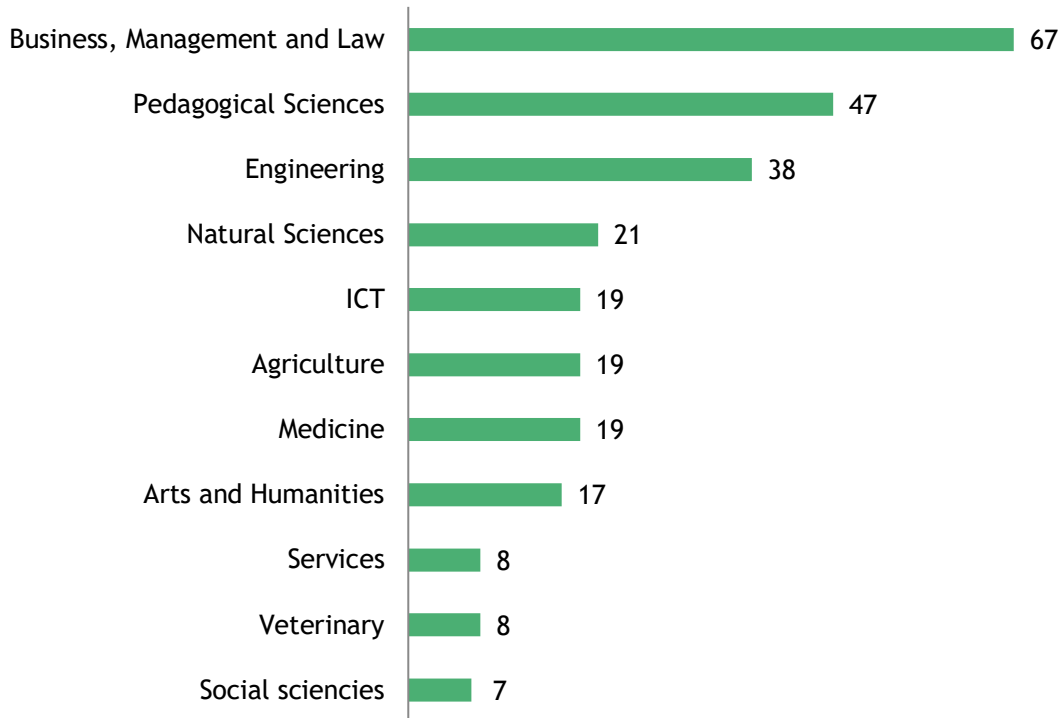
Most foreign teachers specialize in the following areas of education:

- 04 Business, management and law - 25%,
- 01 Pedagogical sciences -17%,
- 07 Engineering, manufacturing and construction industries - 14%.

The less popular areas of education turned out to be the following:

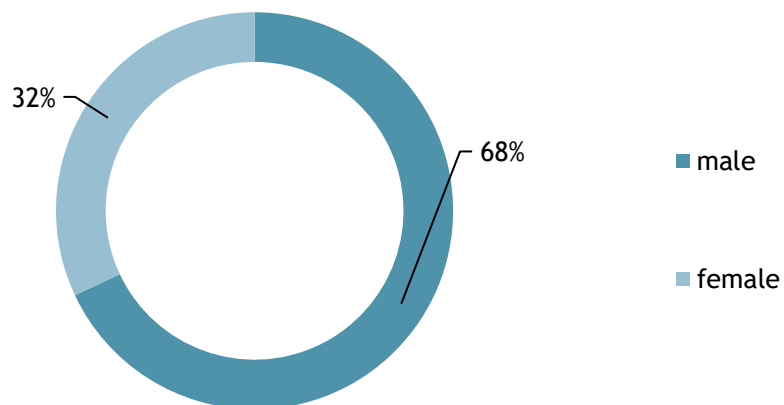
- 05 Natural sciences, mathematics and statistics - 8%,
- 06 Information and communication technologies -7%,
- 08 Agriculture and biological resources -7%,
- 10 Health care and social services (medicine) - 7%,
- 02 Arts and Humanities - 6%,
- 09 Veterinary -3%.
- 11 Services - 3%
- 03 Social sciences, journalism and information - 3% (Fig. 2).

Figure 2. Foreign specialists in the context of areas of education, people.



The gender composition of invited foreign specialists is as follows: men - 183 people, women - 87 people (Fig. 3).

Figure 3. Invited foreign specialists by gender, %



The Center for the Bologna Process and Academic Mobility has developed an online platform for foreign specialists planning to work in universities in Kazakhstan. (Appendix 1)

## International activities of universities in Kazakhstan

Internationalization in a broad sense reflects the orientation of the object to the international dimension of its activities, for example, the desire of higher educational institutions to develop in an international direction.

Currently, the internationalization of education is understood as the sum of all measures aimed at strengthening and promoting the creation of an international academic community, which will be designed to prepare students for life in a globalizing environment.

The indicator of **the share of foreign students** as one of the indicators of the internationalization of the university's activities is used when calculating the well-known **world rankings of universities** QS World University Rankings and Times University Ranking. Universities of the USA, Great Britain, Western Europe, which occupy leading positions in the lists of the best universities in the world according to the results of global studies, are distinguished by a significant number of foreign students. Comprehensive solution of issues of internationalization of education and increasing the contingent of foreign students is an urgent task at the present stage of development of the domestic education system.

The main goals of attracting foreign students at the university are:

- increase in the number of foreign students in the total number of students at the university;
- internationalization of the educational process and the creation of a multilingual, interethnic and intercultural environment at the university;
- attracting additional financial resources from the training of foreign students;
- improving the academic reputation of the university;
- promotion of the university in international university rankings.

As of 2020, the total number of agreements of Kazakhstani universities with foreign partners amounted to 6 796.

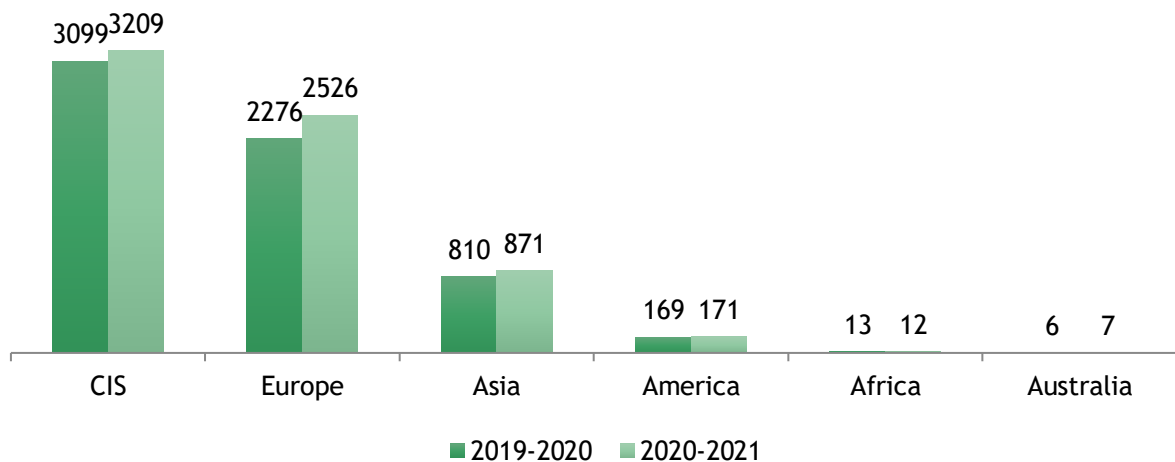
Within the framework of the concluded contracts, work is carried out on:

- implementation of the exchange of teaching staff, doctoral students, researchers and students for the purpose of teaching, research, advanced training, internships and internships;

- development of joint research projects of interest to both parties, as well as filing joint applications to funds in order to obtain funding for joint projects;
- organization of joint scientific and methodological conferences, symposia, seminars;
- providing mutual assistance and support for entering international educational, academic, scientific and innovative programs;
- exchange of curricula, plans and schedules of lectures, scientific publications, textbooks, monographs, publications of educational institutions and periodicals;
- creation of joint authors' groups for the publication of textbooks, monographs, preparation of joint scientific publications.

In 2020, Kazakhstani universities expanded their partnership with universities in 85 countries of the world (2019 - 81). There is a positive trend in the expansion of international cooperation with the countries of the European Union. At the same time, the largest share of the total number of all international treaties falls on the CIS countries (47%) (Fig. 1). The largest number of interuniversity agreements of the CIS countries falls on Russia (2270), European countries - Turkey (453), Poland (299), Germany (193).

Figure 1. The number of international treaties by region, units.



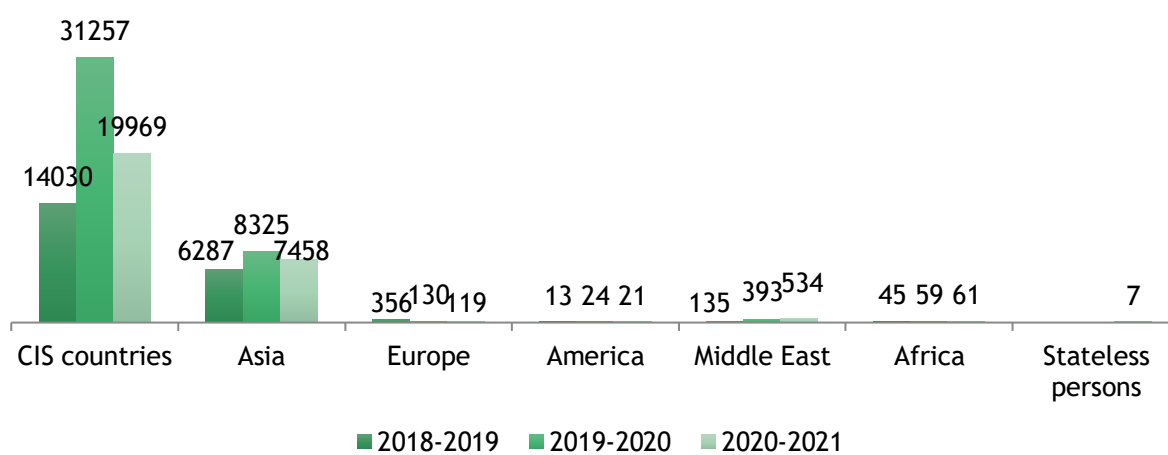
In Kazakhstan, the share of foreign students is a key indicator of the Strategic Development Plan of Kazakhstan until 2025 (by 2021 - 6%, by 2025 - 10% and by 2050 - 20%).

According to the data provided by universities in the 2020-2021 academic year, **28 169 (4.7%) foreign students** study in Kazakhstan, compared to the 2019-2020

academic year, the share of foreign students in universities in Kazakhstan decreased by 2% (2019-2020 academic year - 40 188 people (6.7%). The COVID 19 pandemic in the world and in Kazakhstan, at the same time, the state policy of Uzbekistan on the return of students to their homeland influenced the decrease in the number of foreign students.

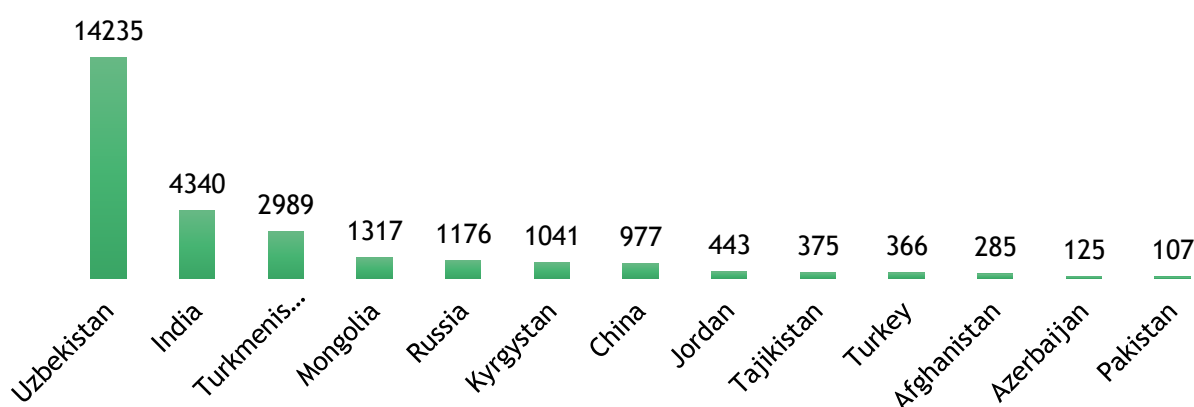
**In terms of regions,** the largest number of foreign students in the 2020-2021 academic year are from the CIS (70.9%) (Fig. 2), of which 71.3% of students, mainly from Uzbekistan, there is an increase in students from the Middle East by 1,4%.

Figure 2. The number of foreign students by regions, people.



**In the context of countries,** a larger number of foreign students from Uzbekistan (50.5%) and India (15.4%) (Table 1).

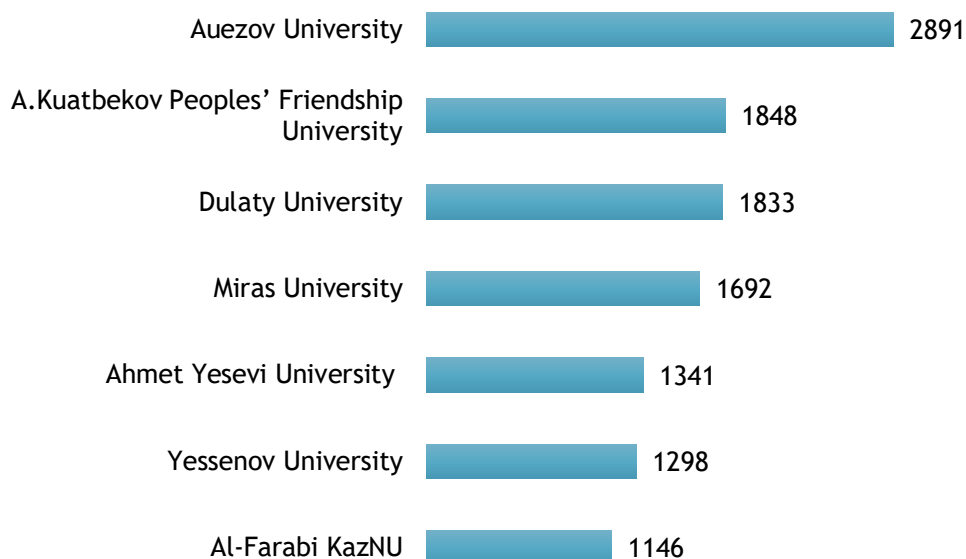
Table 1. The number of foreign students by country, people.



The largest number of foreign students study at M. Auezov South Kazakhstan University - 2891 people, Peoples' Friendship University named after A. Kuatbekova - 1848 people. and Taraz Regional University named after M.Kh. Dulati - 1833 people. (fig. 3).



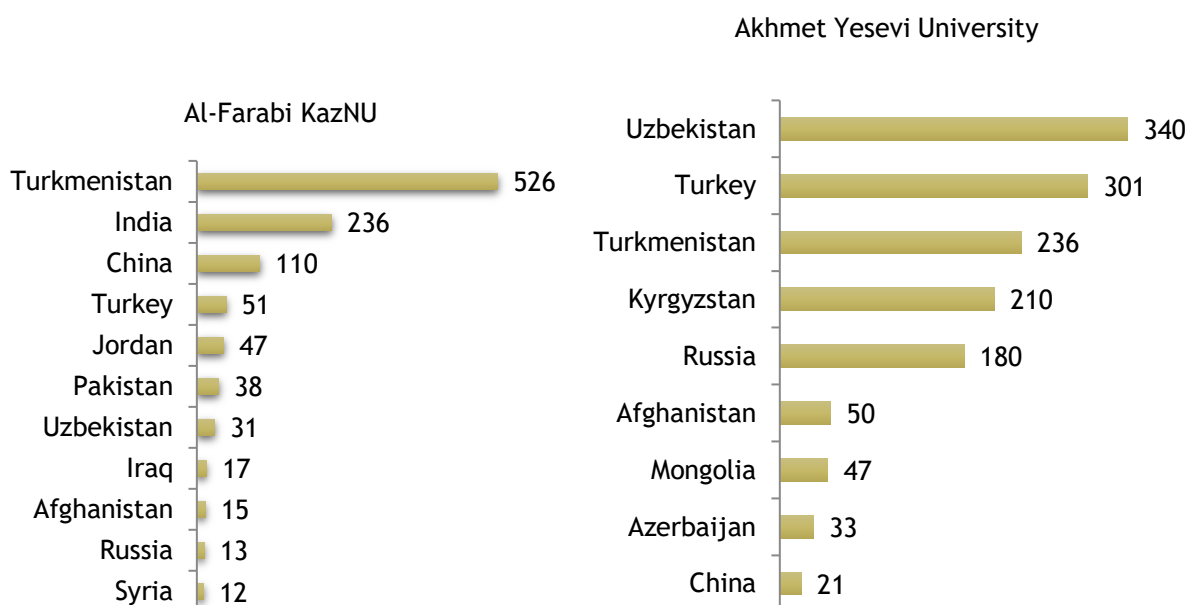
Figure 3. The number of foreign students by universities



In the context of countries in Al-Farabi KazNU is trained by citizens of 29 countries, Akhmet Yesevi University - 16 countries (Fig. 4), in Auezov University (95%), Miras University (99%), Shymkent University (99%), Yessenov University (99%), Kuatbekov University (97%) foreign citizens from Uzbekistan, as well as in Dulaty University (65%) from Turkmenistan and (33%) from Uzbekistan.

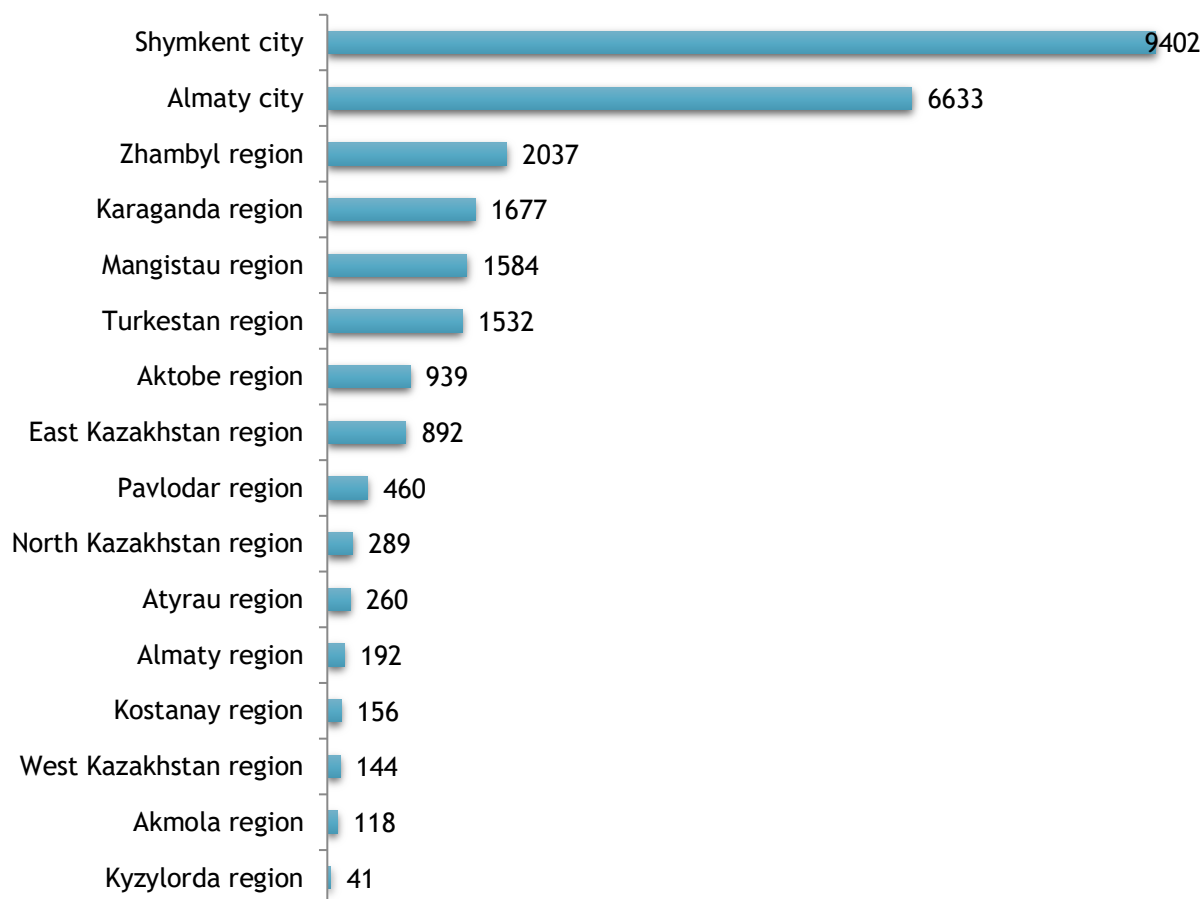
Figure 4. The number of foreign students by country in Al-Farabi KazNU and Yesevi University

Note. Shown data of countries more than 10 students.



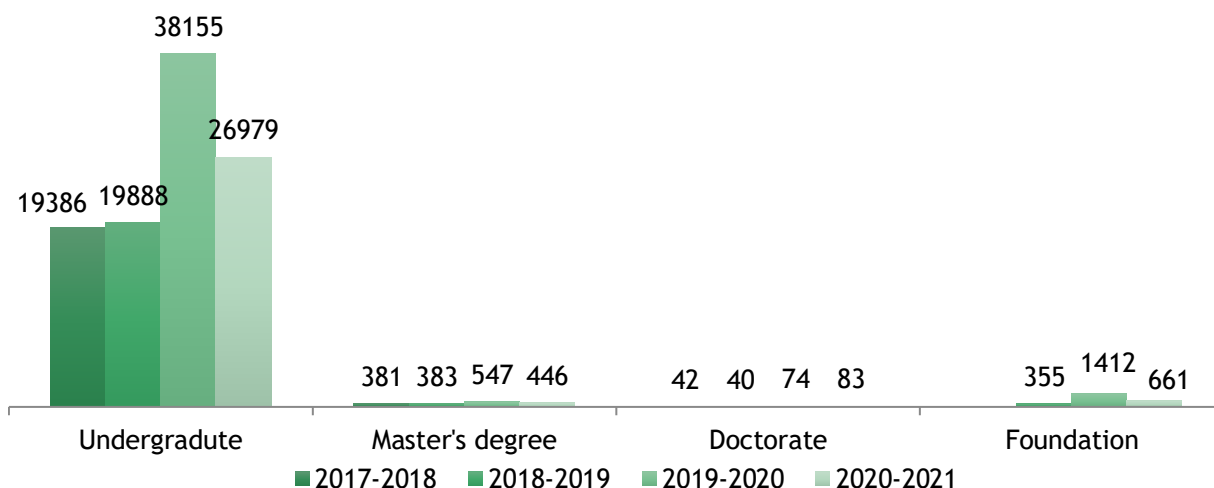
In terms of the regions of the Republic of Kazakhstan by the number of foreign students, the leaders are Shymkent (33.4%) and Almaty (23.6%), the smallest is in the Kyzylorda region (0.2%) (Fig. 5).

Figure 5. The number of foreign students by regions of the Republic of Kazakhstan, %



In the context of educational levels, the largest share of foreign students falls on undergraduate degree - 96% (26 979 people) (Fig. 6).

Figure 6. Number of foreign students by education level, people.



In the 2020-2021 academic year, a **popular field of education** among international students is

"01 Pedagogical Sciences" - 7 621 (27.1%);

"10 Healthcare and social security (medicine)" - 6,151 people. (21.8%);

"04 Business, Management and Law" - 5,822 people. (20.7%);

"07 Engineering, processing and construction industries" - 2829 people (10 %);

Least demanded specialties

"06 Information and Communication Technologies" - 1 341 people. (4.8%);

"02 Arts and Humanities" - 1,054 people. (3.7%);

"05 Life Sciences, Mathematics and Statistics" - 999 people. (3.5%);

"03 Social Sciences, Journalism and Information" - 814 people. (2.9%);

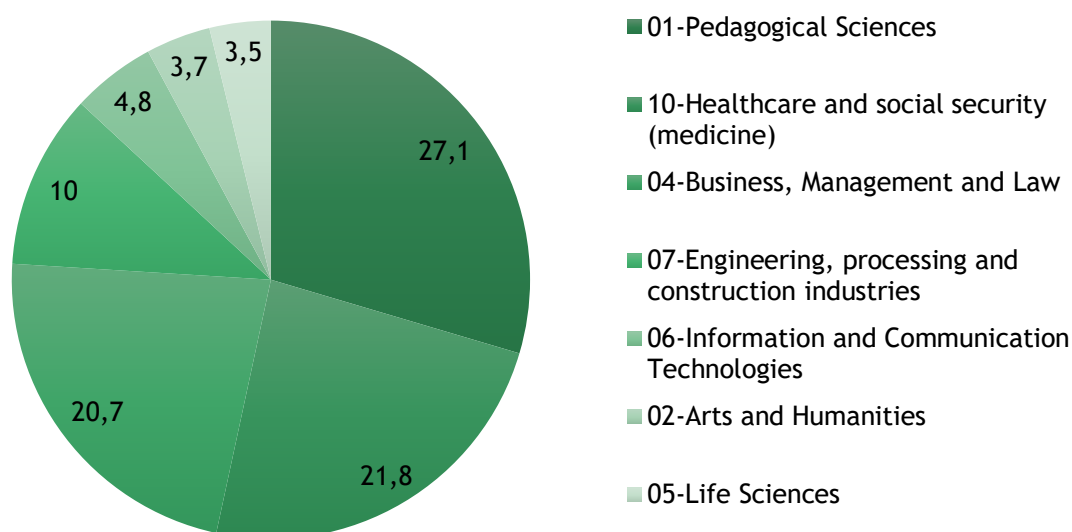
"11 Services" - 742 people. (2.6%);

Less attractive for foreign citizens are such fields of education as

"08 Agriculture and biological resources" (83 people (0.3%));

"09 Veterinary" (52 people (0.2%)) (Fig. 7).

Figure 7. Top-7 areas of training for foreign students,%



**In terms of forms of ownership of universities,** the largest number of foreign citizens study in the NJSC - 10502 people,

private - 9300 people,

JSC - 3683,

national - 3343 people,

international - 1341 people

**In terms of funding sources,** 85% of foreign students study at their own expense, 15% - on grants from the Republic of Kazakhstan.

**In the gender division,** 37% (10,518 people) of foreign students are women.

Thus, the largest share of foreign students enrolled in educational programs in the field of "01 Pedagogical Sciences" (27.1%), of which 5458 foreign students are citizens of Uzbekistan (over 70%). Uzbekistan adopted a special law on the status of teachers on October 31, 2018.

6,151 foreign students choose educational programs "10 Health and Social Security (Medicine)", of which 4,340 are from India. This flow of students is explained by the high cost of studying in India on medical educational programs (min. 3 million tenge), as well as the high demand for medical workers in India.

In 2019, for the first time, **the Scholarship program** was launched for foreign citizens, including for persons of Kazakh nationality who are not citizens of the Republic

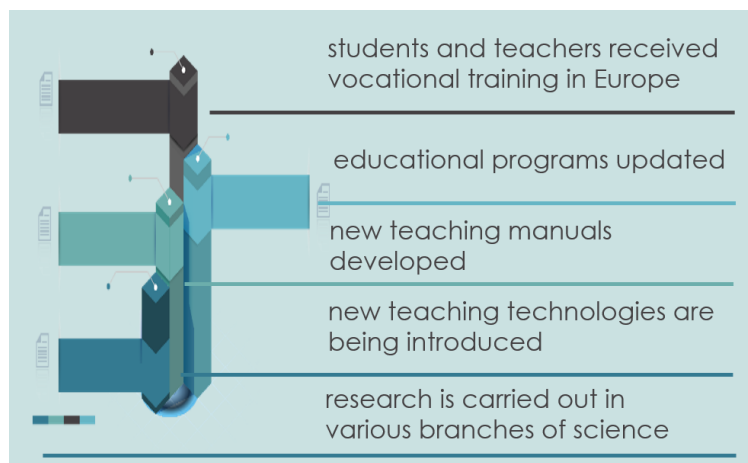
of Kazakhstan (Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 8, 2018 No. 548 "On approval of the Rules for the selection of applicants for participation in scholarship programs ").

In the 2020-2021 academic year, 83 scholarship holders are studying at 16 universities of Kazakhstan (undergraduate degree - 13, postgraduate degree - 69, doctorate - 1), of which 36 are students of Kazakh nationality. The geography of the fellows is Afghanistan - 22, Mongolia - 17, China - 13, Uzbekistan - 9, Pakistan - 1, Russia - 8, Yemen - 3, Tajikistan - 4, Malaysia - 1, Iran - 1, Egypt - 1, South Sudan - 1, Mozambique - 1, Tanzania - 1.

Due to the coronavirus (COVID-19) pandemic in the world and in Kazakhstan, the acceptance of documents from foreign citizens, including persons of Kazakh nationality who are not citizens of the Republic of Kazakhstan, has been suspended under the Scholarship Program in 2020. At the same time, financing of students previously enrolled in Kazakhstani universities under this program continued.

## Participation in international projects

Within the framework of the Strategic development plan of Kazakhstan until 2025, the tasks and initiatives "Integration of education into the global environment"



and "Integration of Kazakhstan's science into the international scientific space. Step-by-step transition to English for applied research". The universities of Kazakhstan are actively involved in **international projects**. The main provider of international projects for universities is the EU

Erasmus + program, which works in three areas: student mobility, capacity building projects in higher education, and support for reform policies. As part of these projects, students and teachers received training and professional development in Europe. Educational programs have been updated, new teaching aids have been developed, new teaching technologies are being introduced, research is being conducted in various branches of science.

In 2020, Kazakhstani universities continued to participate in 322 international projects. The largest number of them is in national universities (121). NAO take part in 74 projects, joint-stock - 41 and private - 85. According to the information of the International Kazakh-Turkish University. H.A. Yasavi University takes part in 1 international project on academic mobility within the framework of the Erasmus + program.

In 2020, 74 universities of Kazakhstan are participating in international projects in cooperation with foreign organizations and partner universities. The projects are aimed at developing higher education and academic mobility of students, teaching staff, updating educational programs, modernizing the engineering and manufacturing industries, etc. (Appendix 2)

**Al-Farabi KazNU** is involved in 90 international projects, of which 59 projects are financed by Erasmus and 31 projects by the Turkey Government. 67 projects are being

implemented within the framework of academic mobility of students and faculty, and 13 projects are aimed at:

- development of services for persons with disabilities, transregional information literacy for lifelong learning and the knowledge economy, academic potential in the field of Global Health in the Eastern Europe-Central Asia region;
- increasing the competence of sustainable waste management in universities in Russia and Kazakhstan;
- strengthening the integration of higher education and the corporate sector in accordance with the conditions of the new social environment;
- improving education in childcare as a model for modernizing postgraduate medical education in Central Asia;
- pedagogical training of engineering teachers;
- professional undergraduate and postgraduate degrees:
  - for the development, administration, management and protection of computer networks at enterprises;
  - for strategic management of risks and quality of healthcare services within the framework of open distance education in Russia, Kazakhstan, Azerbaijan and Laos.
- innovative approach to the Postgraduate program in "Smart City" technologies;
- applied curriculum for space exploration and intelligent robotic systems;
- development of an interdisciplinary postgraduate program in computational linguistics at universities in Central Asia;
- new courses in Geospatial Engineering for adaptation of coastal ecosystems to climate change.

**E.A. Buketov KarU** implements 13 international projects, of which

10 projects are financed by Erasmus: 5 projects are aimed at academic mobility, 3 projects - the development of social entrepreneurship and exchange of experience between Europe, Asia and South America, strengthening the role of enterprises and regional chambers of entrepreneurs in organizing dual education, development of engineering education;

1 project is funded by the Government of Germany on the topic: "Transition to dual vocational education and training programs in the field of logistics, mechatronics and sustainable energy technologies in Kazakhstan";

1 project is financed by the Government of Russia on the topic: "Development of a joint training system and conducting scientific research in the field of combating money laundering and financing of terrorism";

1 project sponsored by the Italian Embassy in Kazakhstan, aimed at the development of the Italian language at the university.

**S. Asfendiyarov KazNMU** are involved in 10 projects, 7 of which are funded by Erasmus on the topics: "Environmental and occupational health", "Determination of tools and objectives of peer review for medical (medical) education", "Improving education in the field of childcare as model for the modernization of postgraduate medical education in Central Asia", "Accelerating the development of nursing education at the postgraduate and doctoral level in the higher education system of Kazakhstan", "Harmonization and mutual recognition of Master programs in occupational health and the environment", "Professionalization of undergraduate and postgraduate degrees for strategic management of risks and quality of healthcare services in the framework of open distance education in Russia, Kazakhstan, Azerbaijan and Laos"; "Promoting the development of the 21st century doctor: teaching patient-centered communication skills";

1 project is funded by the Government of Poland on the theme "Cosmetic Valley - International Scientific and Innovative Cooperation at the Faculty of Cosmetology";

1 project is being implemented jointly with the Bundeswehr Institute for Microbiology in the field of biosecurity and biosafety;

1 project is sponsored by the Fogarty International Foundation of the US National Institutes of Health for research on HIV infection and co-infections, epidemiology and biostatistics with the possibility of obtaining an MS Epidemiology degree.

**British Council** finances 4 projects, of which 5 universities of Kazakhstan participate in 1 project "Creative Spark: an entrepreneurial program in higher education" (Almaty Management University, T.K. Zhurgenov KazNAI, KAFU, KBTU, Kazakh-Russian International University);

2 projects are being implemented by Baishev University in the field of assessing internationalization strategies in Kazakhstani universities and professional English for journalists;

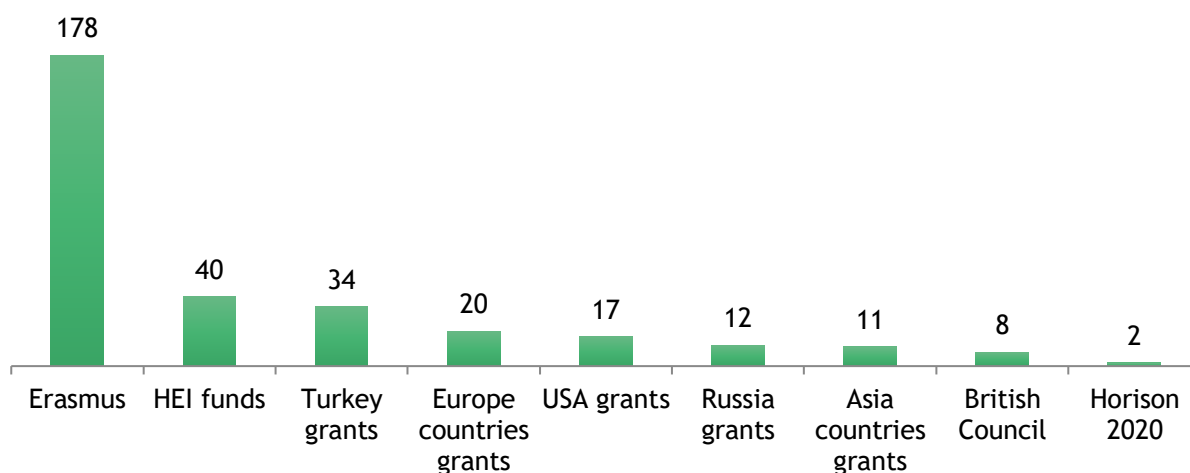


1 project is being implemented by the H. Dosmukhamedov University. on distance learning English in Atyrau.

LN Gumilyov ENU and Korkyt Ata University are implementing projects within the **Horison 2020** on the themes: "Law in Central Asia: legal culture and business environment in Central Asia" and "Innovative water-soluble phytomaterials inhibitors for the prevention of Alzheimer's and Parkinson's diseases" respectively.

Universities implement projects in cooperation with the World Bank, foundations of the European Union, European Development Bank, Asian countries and universities, Turkish Government (Mevlana, Orkhun), Russia (MES, MINOBR, Eurasian Economic Commission, USA (USAID, American Council, US Embassy, National Institute of Health (Fig. 1).

Figure 1. The number of international projects by financing funds, units.



The total number of international projects of universities in Kazakhstan was 322 units. The largest share of participation of Kazakhstani universities in international projects falls on the Erasmus+ projects.

## Double degree and joint educational programs

**Double-degree and joint educational programs** with foreign universities began to be actively introduced, which undoubtedly increased the quality of Kazakhstani education due to the introduction of international standards.

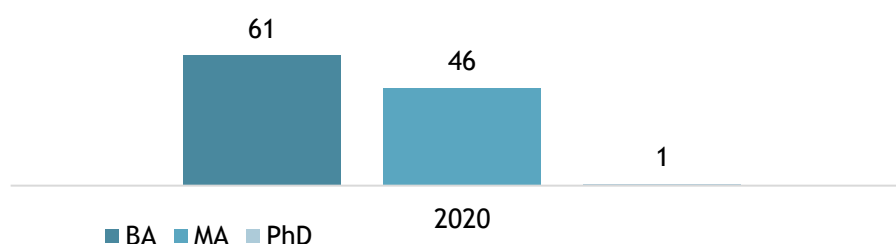
The number of joint and double degree programs is growing. Upon completion of which, students receive diplomas from both Kazakhstan and a foreign university.

When defining the term "joint educational program" (JEP), the following main characteristics of these programs are used, recommended by the Council of Europe, the European Association of Universities:

- programs are created jointly by several universities;
- students of each university undergo part of their training at other SOP partner universities;
- the periods of study of students at the participating universities are comparable in duration;
- periods of study and exams passed in partner universities are recognized fully and automatically;
- teachers of each university also teach in partner universities, jointly develop curricula and create joint commissions for admission and examinations;
- Upon completion of the full program, students receive either government degrees from each of the participating universities or a jointly awarded degree.

In 2020 the universities of the Republic of Kazakhstan, together with partner universities, are implementing 108 JEPs. Of these, 61 in undergraduate degree (2019-2020 academic year - 34), in postgraduate - 46 (2019-2020 academic year - 29 JEP), in doctorate - 1 JEP (in 2019-2020 academic year in JEP were not implemented for doctorate) (Fig. 1).

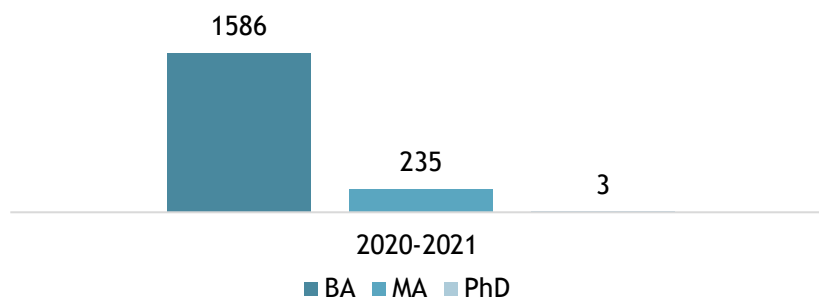
**Figure 1. Implementation of joint educational programs  
by education levels, units**



The largest number of JEPs belongs to the Buketov KarU - 17 JEPs. From national universities, the predominant number of SOPs is KazNPU named after Abai - 8 JEP (2019-2020 – 5 JEPs). From private universities the University of Almaty and Satpayev EITI with the same number of JEPs - 9.

The contingent of JEP students in the 2020-2021 academic year is 1824 people. At the bachelor's level - 1586 people, magistracy - 235 people, doctoral studies - 3 people (Fig. 2). (Appendix 3)

Figure 2. The contingent of students, people



The term of the contracts concluded for the implementation of the JEP between Kazakhstani universities and their foreign partners is from 3 to 5 years. There are contracts that have an indefinite character, as well as with automatic renewal every 5 years.

The format for the implementation of the JEP of Kazakhstani universities with foreign partners:

In the undergraduate program: 2+6 (2 semesters at the partner university, 6 semesters at the university of RK).

In the magistracy:

1+3 (1 semester at the partner university, 3 semesters at the RK university - scientific and pedagogical direction);

1+1 (1 semester at a partner university, 1 semester at a university of the Republic of Kazakhstan - a specialized direction).

Training is carried out both with the departure of Kazakhstani students and with the use of distance technologies.

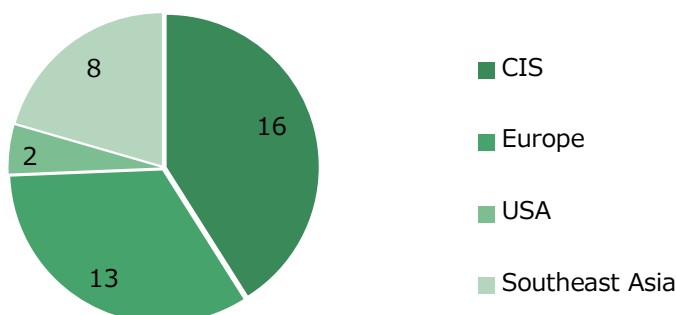
Currently, the clear leaders among Kazakhstani universities in the implementation of joint educational programs with foreign partners are:

Buketov KarU, in which 17 JEPs are functioning, of which, in the undergraduate - 1, in the postgraduate - 16;

D. Serikbayev EKTU - 10 JEPs, of which 7 in undergraduate degree, 3 in postgraduate degree.

In most Kazakhstani universities, the number of JEPs does not exceed five units. Within the framework of cooperation on the implementation of JEP, Kazakhstani universities have developed partnerships with 53 universities from 13 countries of the world (Fig. 3).

Figure 3. The number of partner universities in the implementation of JEPs by region, units.



Also, since 2020, universities have been implementing JEPs together with universities within the country. Such as Ospanov WKMU and Zhubanov University, KazHUIU and Semey Medical University, KTU and Karaganda Medical University.

The most priority areas of training within the JEP in Kazakhstani universities are:

- Social sciences, journalism and information - 13 EP;
- Engineering, manufacturing and construction industries - 12 EP
- Arts and Humanities - 10 EP;
- Natural sciences, mathematics and statistics - 9 EP;

JEP training is carried out in 5 languages: Kazakh, Russian, English, French, Chinese, Spanish.

The volume of loans in undergraduate degree, mastered within the framework of the JEP at the partner university and at the university of the Republic of Kazakhstan, is on average 60/180, in the postgraduate 30/90 (scientific and pedagogical) and 30/30 (profile).

The main document issued to graduates by partner universities is a certificate of completion (degree award), or a transcript.

In 2020 the universities of the Republic of Kazakhstan, together with partner universities, are implementing 152 double-degree programs. Of these, 50 in undergraduate degree, in postgraduate - 93, in doctorate – 9.

Compared to the last year, there is a decrease of 32% (2019-2020 academic year - 226 DDP). (Table 1).

**Table 1. Implementation of double-diploma programs by levels of education, units**

	2018	2019	2020
Bachelor	148	84	50
Master's degree	181	133	93
Doctorate	0	9	9

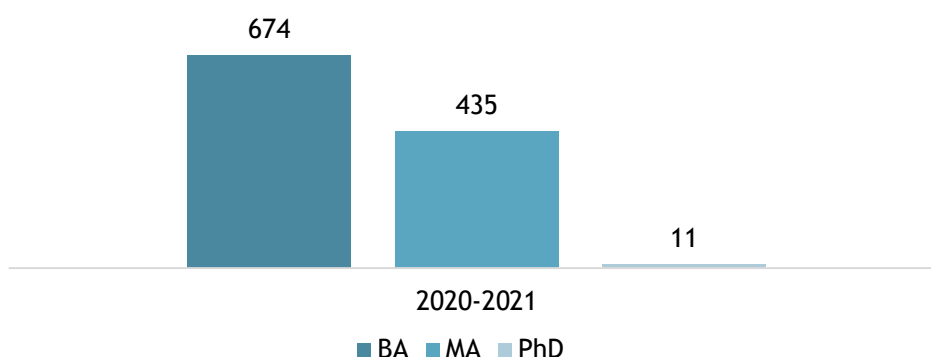
Despite the decrease in the number of DDPs, the number of universities implementing the double-degree education program has increased.

Since 2020 new contracts have been signed up at such universities as KazNU named after al-Farabi (St. Petersburg National Research University of Information Technologies, Mechanics and Optics,) Turan University (Lobachevsky NNSU), Turan-Astana University (Varna Free University), Zhubanov University (Yanka Kupala State University of Grodno).

The contingent of students on DDP in 2020 is 1120 people.

Of these, at the bachelor level– 674, master- 435 people. The contingent of doctorate in DDP is 11 people. (Fig. 4).

**Figure 4. The contingent of students, people**



The reason for the decrease in the number of students on the DDP is that universities indicated the current situation around the world associated with the

pandemic. All countries are closed, date of many contracts have expired. Also, the students abandoned the program due to a difficult epidemiological situation, since applicants reported a difficult financial situation during this period.

The duration of contracts concluded for the implementation of the DDP between Kazakhstani universities and their foreign partners is from 1 to 10 years. There are contracts that are of an unlimited nature, as well as with automatic renewal every 5 years.

The format for implementing the DCF of Kazakhstani universities with foreign partners:

At the bachelor level:

- 2+6 (2 semesters at the partner university, 6 semesters at the RK university);
- 4+4 (4 semesters at the partner university, 4 semesters at the RK university).

In the postgraduate:

- 1+3 (1 semester at the partner university, 3 semesters at the RK university - scientific and pedagogical direction);
- 2+2 (2 semesters at the partner university, 2 semesters at the university of the Republic of Kazakhstan - scientific and pedagogical direction);
- 1+1 (1 semester at a partner university, 1 semester at a university of the Republic of Kazakhstan - a specialized direction).

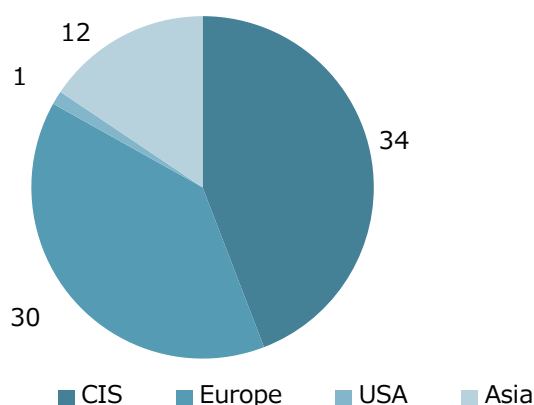
Training is carried out both with the departure of Kazakhstani students to foreign universities, and with the use of distance technologies.

The largest number of double-degree programs with foreign partners are implemented by: KazNU named after al-Farabi, 55 DDP, of which, in undergraduate degree - 2, in postgraduate - 46, in doctorate - 7; KarU them. E.A.Buketova - 17 DDPs, of which, in the undergraduate degree - 16, in the postgraduate - 1.

In most Kazakhstani universities, the number of DDPs does not exceed five units.

Within the framework of cooperation on the implementation of DDP, Kazakhstani universities have developed partnerships with 77 universities from 24 countries of the world (Fig. 5).

Figure 5. The number of partner universities in the implementation of DDP by region, units



The most priority areas of training within the framework of the DDP are:

- Social sciences, journalism and information - 34 EP;
- Arts and Humanities - 31 EP;
- Engineering, manufacturing and construction industries - 30 EP;
- Natural sciences, mathematics and statistics - 29 EP.

DDP training is carried out in 10 languages: Russian, English, French, German, Spanish, Italian, Polish, Turkish, Chinese, Korean.

The volume of loans in undergraduate degree, mastered within the framework of the DDP at the university of the Republic of Kazakhstan and at the partner university, is on average 120/120, in the postgraduate program 30/90, 60/60 (scientific and pedagogical), 30/30 (profile).

The main sources of funding for training within the framework of the JEP / DDP are: grants (MES RK, universities of the Republic of Kazakhstan, partner universities), students' own funds, extra-budgetary funds of the university, funds of international organizations (the Interstate Fund for Humanitarian Cooperation of the CIS Member States, the International Intergovernmental Organization "United Institute of Nuclear Physics"), international exchange programs (Erasmus +, DAAD, etc.), RF quota, CPR quota, USCO quota, funds of sponsoring companies.

The main document issued to graduates are diplomas of graduation (awarding a degree) of partner universities.

## Education in three languages

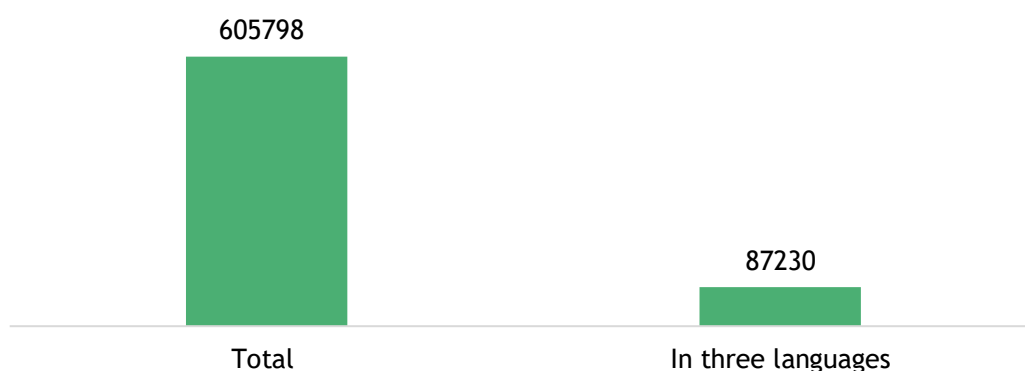
According to the Address of the President of the Republic of Kazakhstan N. Nazarbayev to the people of Kazakhstan "Strategy Kazakhstan-2050: a new political course of an established state" "Trilingualism should be encouraged at the state level. We need to make a breakthrough in learning English. Possession of this "lingua franca" of the modern world will open up new endless opportunities in life for every citizen of our country.

According to the UNESCO concept, the concept of "multilingual education" implies the use in education of at least three languages: native, regional or national and international language. The use of these languages is "an important factor in the inclusiveness and quality of education".

Education standards are being reformed in Kazakhstan today, special groups have been opened, multilingual groups are functioning in which training is conducted in three languages. Each university provides training in three languages, based on the available resources and staff.

In 2020 the number of students in three languages at the country's universities is 87 230. This is 14% of the total contingent for the 2020-2021 academic year (605 798 people). (Fig. 1).

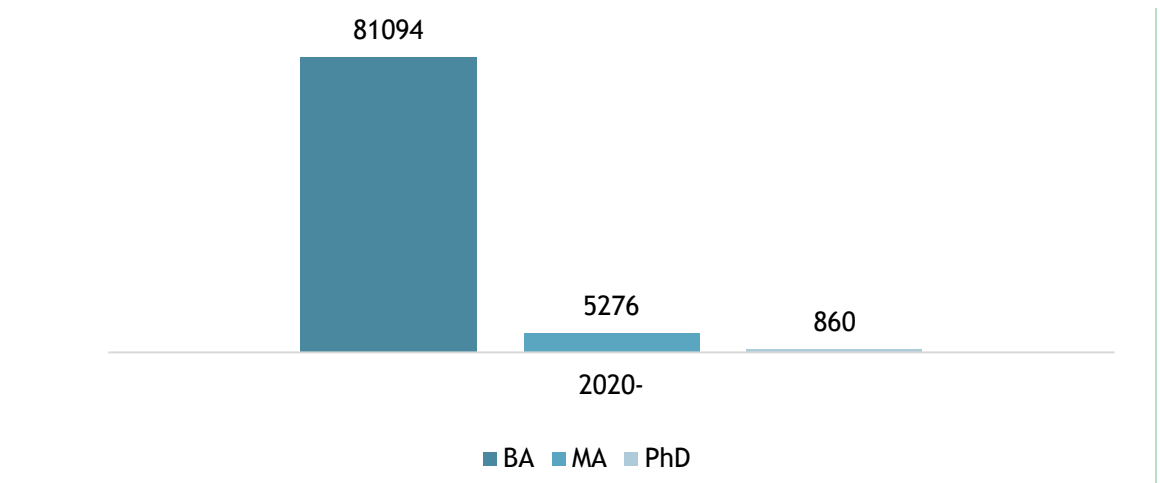
Figure 1. The contingent of students in three languages, people



In terms of educational levels, the number of students: at the bachelor level 81 094, in the magistracy - 5276 people, doctorate – 860 people. (Fig. 2).

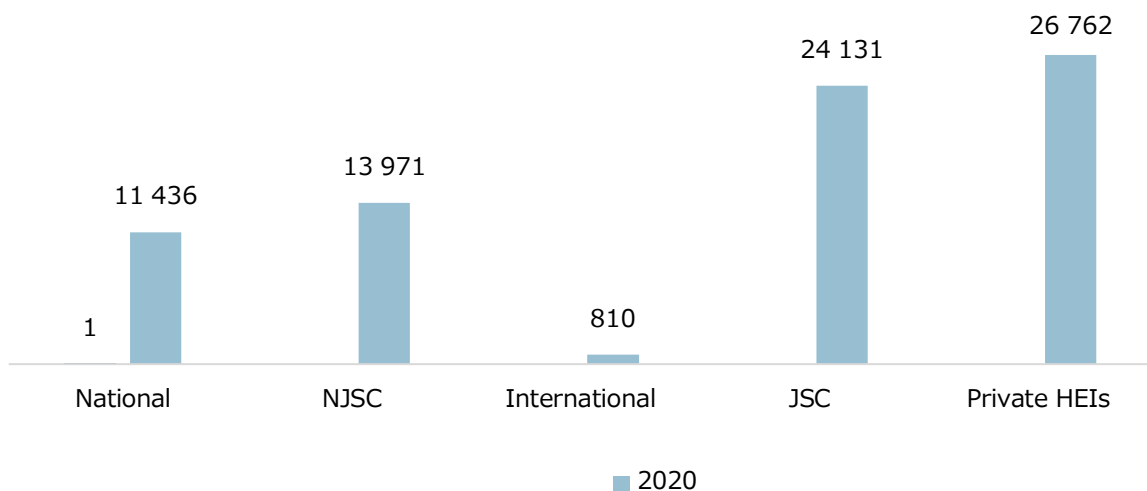


Figure 2. The contingent of students in three languages by educational level, people



In national universities, the number of students in three languages in 2020 was 11 436 people, in NAO - 13 971 people, in universities of AO the number of students - 24 131 people, private universities - 26 762 people. (fig. 3).

Figure 3. The contingent of students in three languages in the context of universities by form of ownership, people



Of the national universities, the largest proportion of the contingent is KazNMU named after S. Asfendiyarov 6.6% (5732 people). Further, L.N.Gumilyov ENU - 1756 people, Kurmangazy KNC - 1126 people.

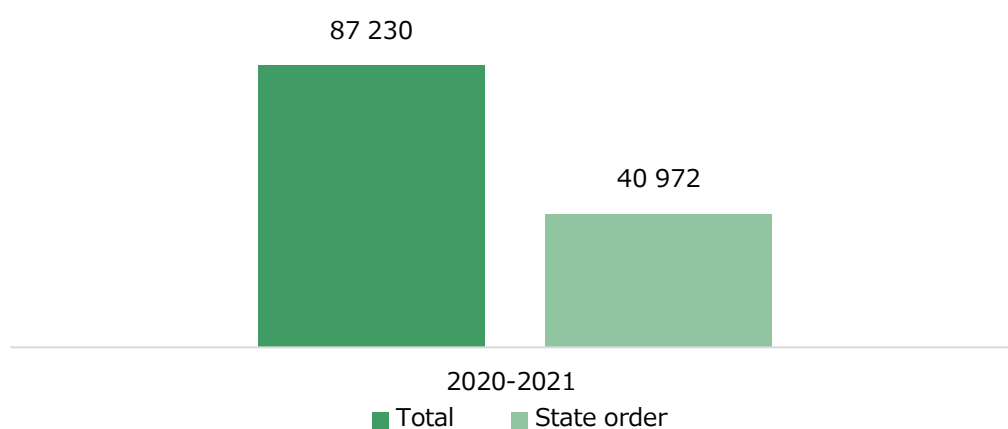
The absolute leader in terms of the contingent from state universities in the NJSC is Karagandy Technical University - 7861 people. The next is Utebayev University - 3278 people. At Shakarim University in multilingual groups studies are of only 3rd and 4th year students.

Among the universities of the "AO" category, the predominant number is AUPET - 6255 people. Next - ATU with a contingent of 5876 people.

Private universities (Kokshetau University of A. Myrzakhmetov - 3826 people, University of International Business - 3519 people) showed a significant increase in the implementation rate of trilingual education in the new academic year.

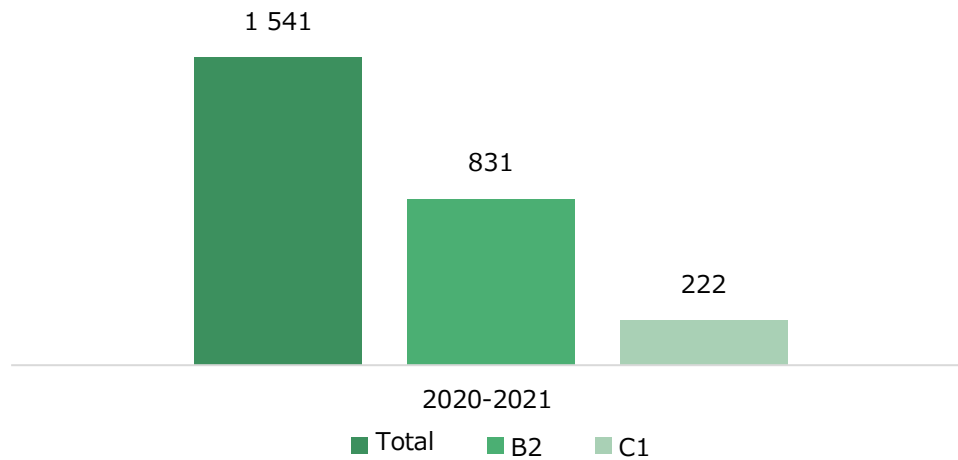
The number of students under the state order of the total contingent is 40,972 people. (46%). Of these, the number of students in the bachelor's degree is 36 370 people, in the magistracy - 3 782 people, in the doctoral program - 820 people. (fig. 4).

**Figure 4. The contingent of students in three languages in the context of the state order, people.**



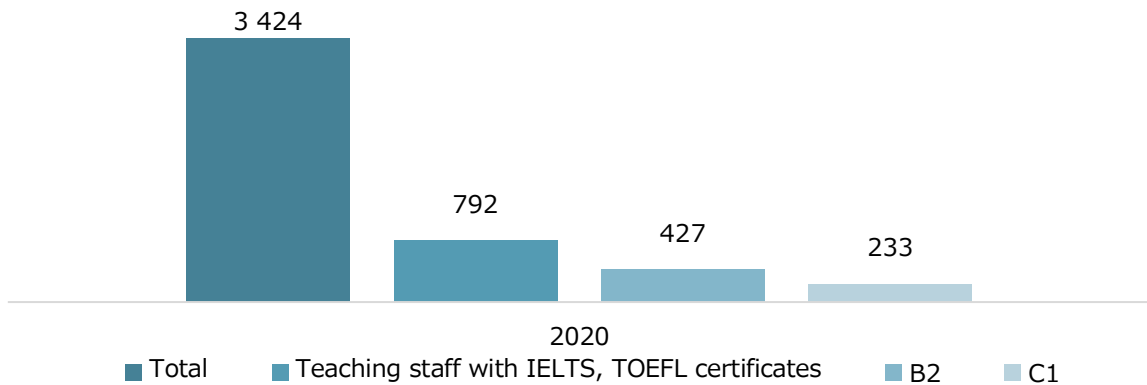
According to universities, the number of students with IELTS and TOEFL certificates is 1,541 people. Of these, the number of students who have IELTS, TOEFL certificates with B2 level (in accordance with the CEFR classification (OEK)) is 831 people. The number of students with IELTS, TOEFL certificates with C1 level is 222 people. (Fig. 5).

Figure 5. Number of students with IELTS, TOEFL certificates and levels, people



In 2020, the number of teaching staff teaching in English in 59 Kazakhstani universities is 3 424 people. Of these, the number of teaching staff with IELTS, TOEFL certificates is 792 people. Accordingly, the number of teaching staff with IELTS, TOEFL certificates with B2 level is 427 people. The number of students with IELTS, TOEFL certificates with C1 level is 233 people. (fig. 6).

Figure 6. Number of teaching staff with IELTS, TOEFL certificates and levels, people



The largest number of teaching staff teaching in English falls on the M.Kh. Yasavi International Kazakh-Turkish University - 228 people. 56 of them have IELTS, TOEFL certificates.

Table 1. Number of teaching staff teaching in English by HEIs by ownership

HEIs	2020
National	632
NJSC	1049

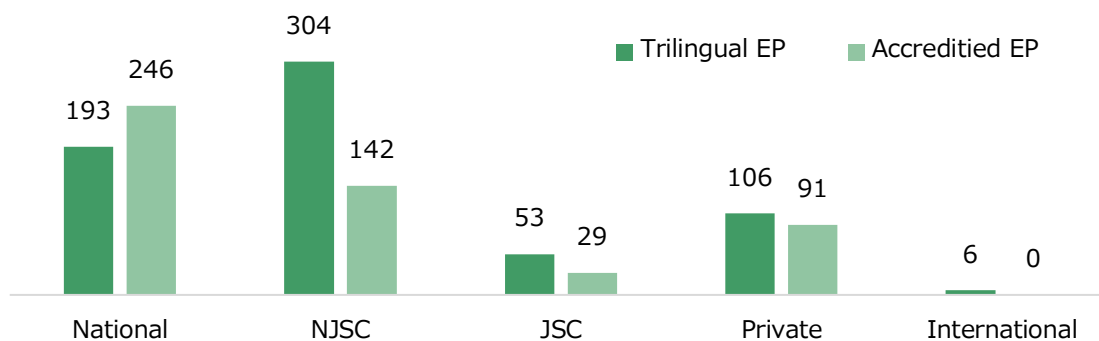
<b>International</b>	228
<b>JSC</b>	476
<b>Private</b>	458

Despite the increase in the number of students, trilingual education has not yet been fully introduced in the universities of Kazakhstan. Since the level of the English language of students and teaching staff does not increase. Of the total number of students and teaching staff, the proportion of those with IELTS, TOEFL certificates is relatively low - 0.3% and 1.9%, respectively.

The total number of educational programs in 59 universities implementing trilingual education is 5984 units: in the undergraduate degree - 4 073, in the postgraduate degree - 1317, in doctorate - 594.

The number of educational programs in English is 662 units. Of these, the number of accredited educational programs providing training in three languages is 508 units. (Fig. 7).

**Figure 7. The number of EPs providing training in three languages, of which accredited EP in the context of universities by ownership, units**

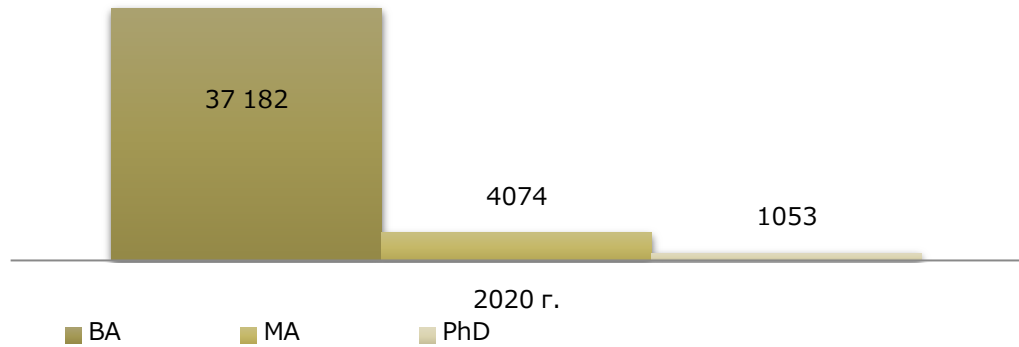


Al-Farabi KazNU has the largest number of educational establishments implementing trilingual education - 422 units. and M.Auezov South Kazakhstan University - 422 units. Further L. Gumilyov ENU - 321 units.

Universities of Kazakhstan, in addition to teaching in three languages, carry out training in educational programs in English. The purpose of this training in universities is: the preparation of highly qualified, competitive specialists in various specialties with language competence based on English language proficiency, mobile in the international educational space and in the labor market.

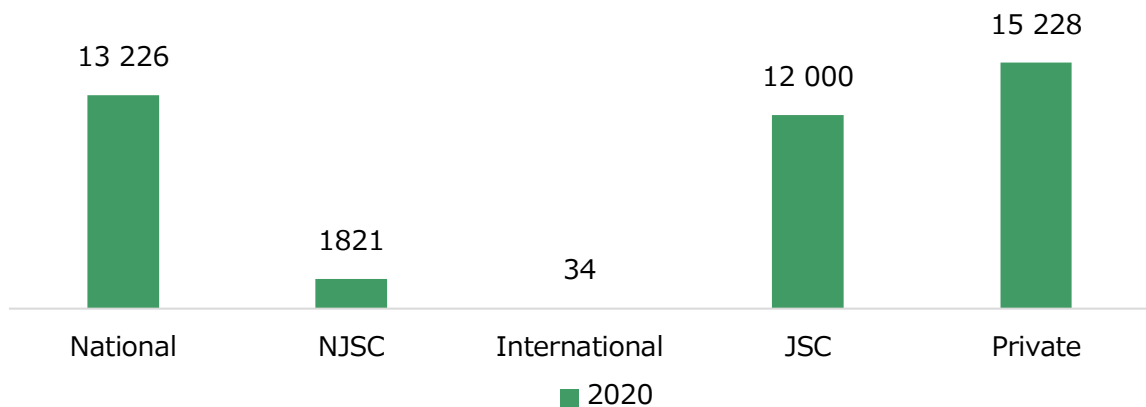
The number of students on EP in English in 2020 is 42 309 people. According to the levels of education, the number of EP students in English in the bachelor's program is 37 182 units, in the master's program - 4074 units, in the doctoral studies - 1053 units. (fig. 8)

**Figure 8. The contingent of students on EP in English, people**



Private universities (36%) are the leaders in terms of the number of EP students in English. A noticeable trend towards an increase in the number of such programs is observed in national universities - 13,226 people. In the universities of JSC, the number of students on EP in English has decreased - 12,000 people. (fig. 9).

**Figure 9. The contingent of students on EP in English in the context of universities by form of ownership, people**

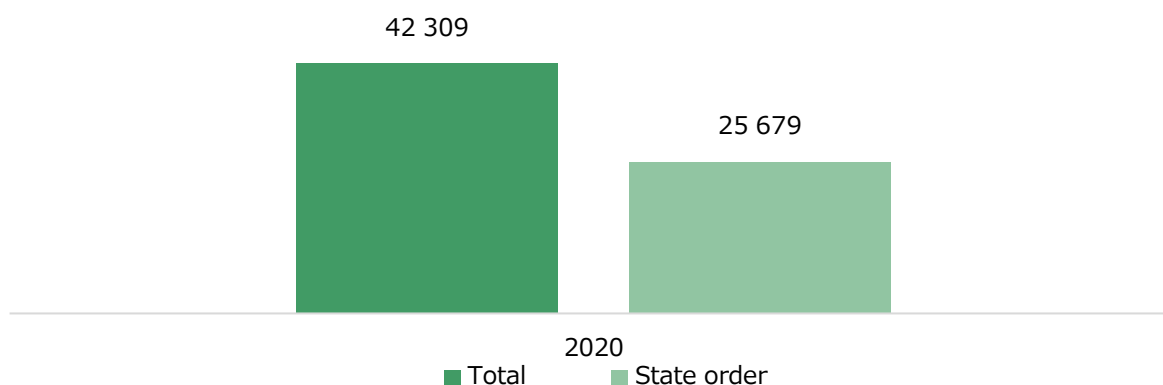


One of the reasons for the increase in the contingent of students in English is the increase in the number of universities implementing trilingual education.

The number of students under the state order from the total contingent is 25 679 people (60%).

Of these, the number of students in the bachelor's program is 21 675 people, in the magistracy - 3077 people, in the doctoral program - 927 people. (fig. 10).

**Figure 10. The number of students on EP in English. in the context two academic years and state order, people**

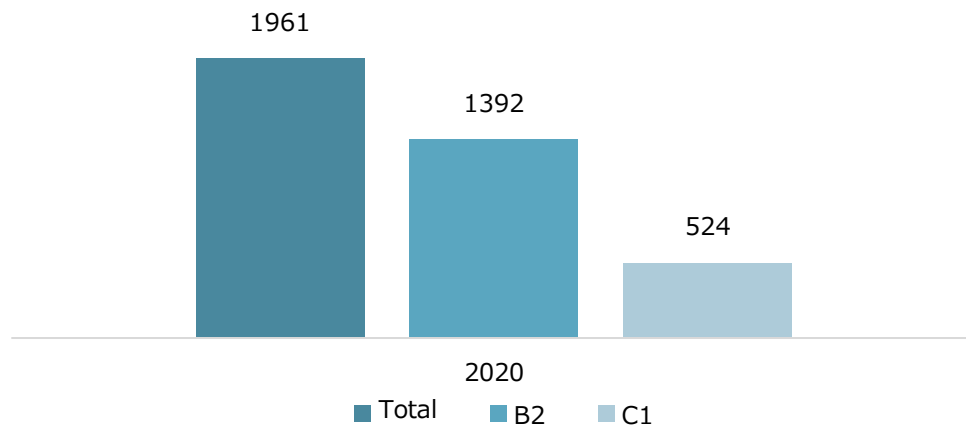


According to universities' information, the number of students with IELTS, TOEFL certificates is 7083 people (16% of the total number). Of these, the number of students with IELTS, TOEFL certificates with B2 level (in accordance with the CEFR classification (OEK)) is 4924 people. The number of students with IELTS, TOEFL certificates with C1 level is 1383 people.

In 2020, the number of teaching staff teaching in English in 38 Kazakhstani universities is 5358 people. The number of teaching staff since the last academic year has increased by 1.4% (2019-2020 academic year - 5,284 people) Of these, 4083 people teach in the undergraduate program, 809 people in the master, 466 people in doctorate.

At the same time, the number of teaching staff with IELTS, TOEFL certificates is 1961 people. (36% of the total number of teaching staff). Of these, the number of teaching staff who have IELTS, TOEFL certificates with B2 level (in accordance with the CEFR classification (OEK)) is 1392 people. The number of students with IELTS, TOEFL certificates with C1 level is 524 people. (fig. 11).

Figure 11. Number of teaching staff with IELTS, TOEFL certificates, and levels in accordance with the CEFR classification, people



The largest number of teaching staff teaching in English at national universities is Al-Farabi KazNU - 614 people.. Semey Medical University is the leader among NJSC universities - 255 people. Further, the SDU from private universities predominantly took the lead - 627 people.

## The social aspect of higher education

In 2020 the total number of students in inclusive education in universities of Kazakhstan is 150 402, of them:

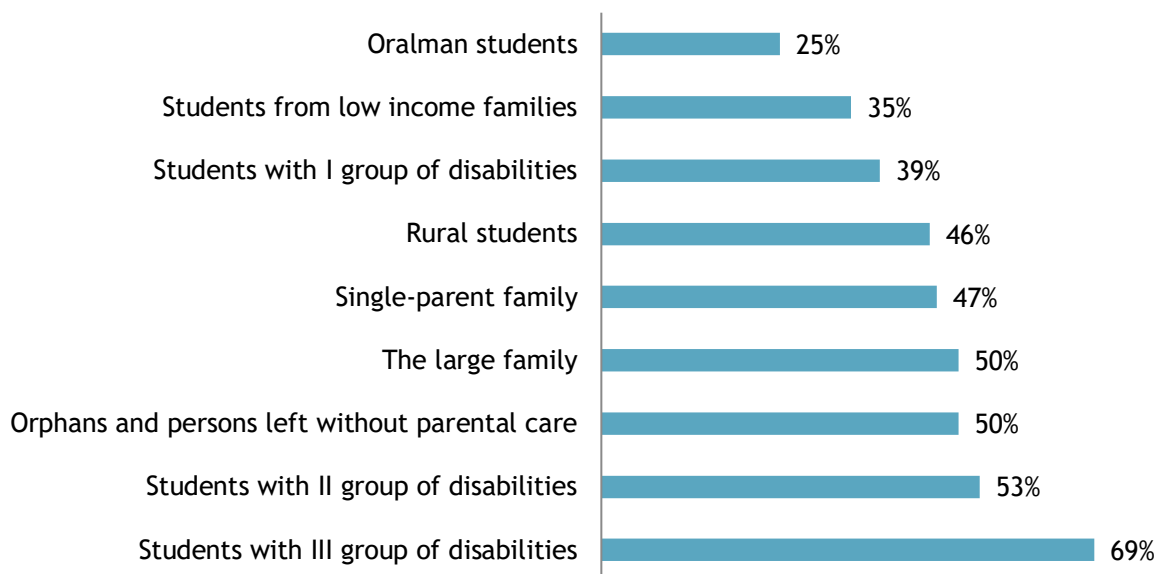
- disabled people of group I - 166 people,
- disabled people of group II - 446 people,
- disabled persons of the III group - 1328 people,
- students from rural areas - 75 324 people,
- students from low-income families - 14 677 people,
- students from large families - 34,050 people,
- students from single-parent families - 20,259 people,
- students-orphans - 2 806 people,
- students-oralmans - 1308 people,
- persons equated in benefits and guarantees to participants and disabled people of the Second World War - 38 people.

In the context of universities in which students of inclusive education study:

- the share of universities in which people with disability group I study was 39% of the total number of responding universities (44 out of 113 universities), with II-nd - 53% (60), with III -69% (78);
- the share of universities in which students from low-income families study was 35% (39), from a large family - 50% (56), orphans and persons left without parental care - 50% (57), from an incomplete family - 47% ( 53);
- the share of universities in which rural youth study - 46% (52);
- the share of universities where oralman students study - 25% (28);
- the share of universities in which people are trained, equated in benefits and guarantees to participants and disabled people of the Second World War - 11% (12) (Fig. 1).



Figure 1. Universities of Kazakhstan where students study from socially vulnerable categories of the population, 2020-2021 academic year, %



The total number of students with developmental disabilities (IDD) in the country's universities in 2020 year is 1940 (fig.2).

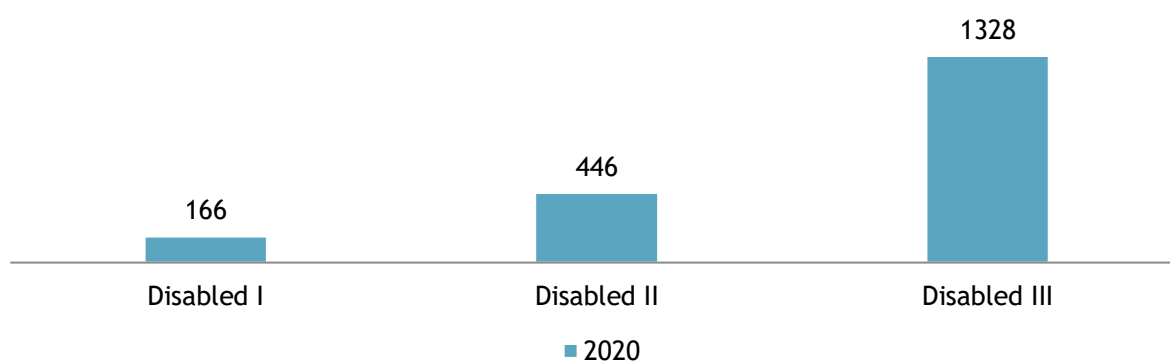
*For reference:*

*Disabled group I: 166 people (117 - state order, 49 - other sources).*

*Disabled group II: 446 people (310 - state orders, 136 - old sources).*

*Disabled group III: 1328 people (939 - state order, 389 - other source)).*

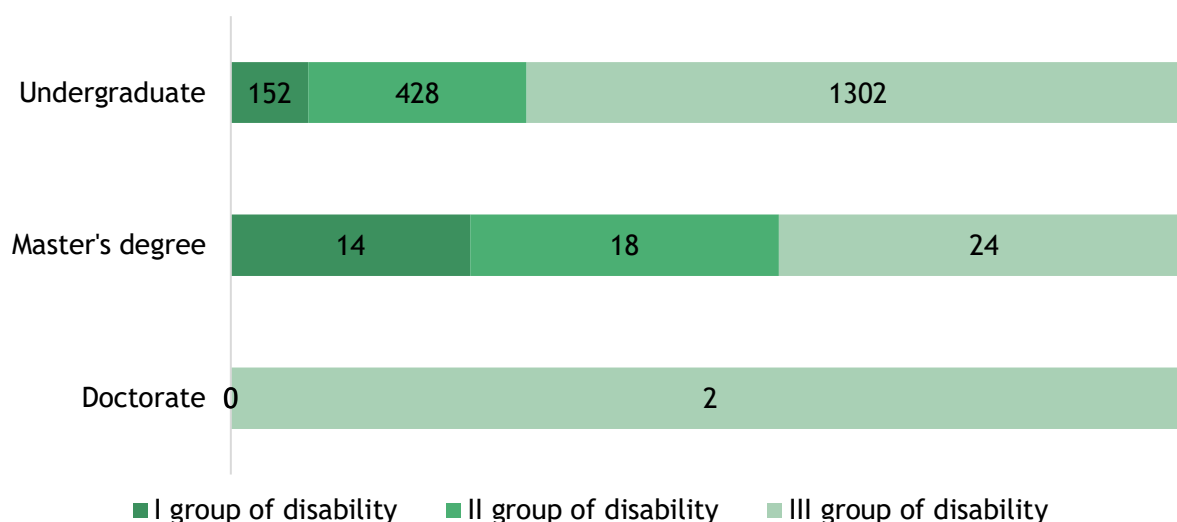
Figure 2. Indicator of students with developmental disabilities in universities of Kazakhstan, people



In terms of educational levels, most students with disabilities study in undergraduate degree: 92% from group I, 96% from group II and 98% from group III. In the postgraduate - 8% of the I-st group, 4% - the II-nd and 2% - the III-rd group

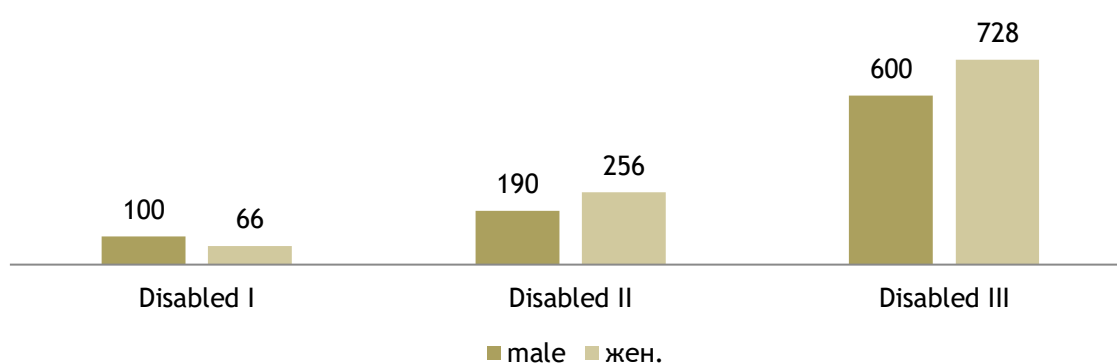
of disabilities. According to PhD doctoral programs, only students with the III group of disabilities are trained and is less than 1% (Fig. 3).

Figure 3. Students with I, II, III degrees of disability, 2020 year, people



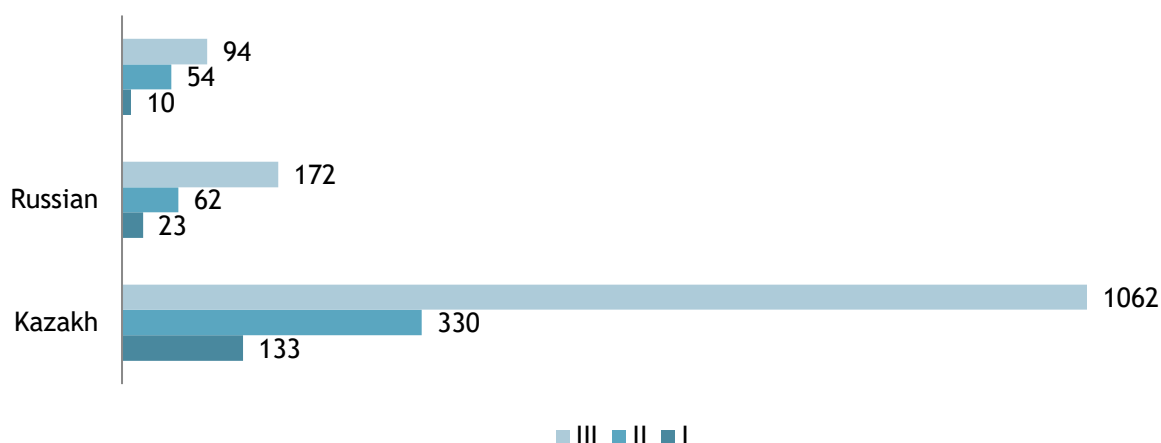
In the gender aspect, among students of the I group of disabilities, men predominate more - 100 people (66 women) (Fig. 4).

Figure 4. Students with a degree of disability, people



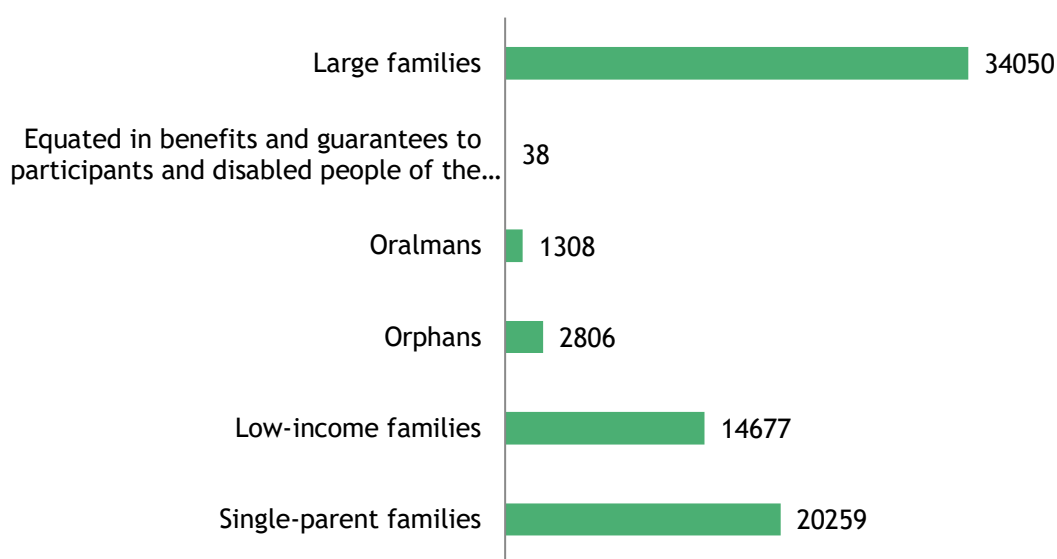
In terms of ethnicity, in 2020, most of the students with disabilities are of Kazakh nationality (Fig. 5).

Figure 5. Students with disabilities, nationality, people



There is also an increase in the number of students from large families and orphans (Fig. 6).

Figure 6. Dynamics of growth in the number of students from socially vulnerable strata of the population, people



The results of monitoring the creation of a developed infrastructure for physical barrier-free access to educational and residential buildings of universities for students with musculoskeletal disorders showed the following.

In the general infrastructure, universities have 494 educational buildings and 276 student hostels. 494 educational buildings have 395 ramps (80%), 84 electric lifts, 183 elevators and 313 specially equipped toilets (Table 1).

**Table 1. The number of academic buildings of universities with infrastructure of physical access for disabled students**

Number of storeys of buildings	Number of educational buildings	Number of ramps in educational buildings	Number of lifts in educational buildings	Number of elevators in educational buildings	Number of equipped toilets for disabled people in educational buildings
1-floor	27	30	1	0	25
2- floor	87	44	6	0	40
3- floor	103	74	23	14	58
4- floor	127	112	17	26	87
5- floor	98	82	13	35	45
6- floor and more	52	53	24	108	58
Total	494	395	84	183	313

There are 307 ramps (65%) in 281 student dormitories (Table 2).

**Table 2. The number of buildings of student hostels of universities with infrastructure of physical access for disabled students**

Number of storeys of buildings	Number of dormitories	Number of ramps in dormitories	Number of lifts in dormitories	Number of elevators in dormitories	Number of equipped toilets for disabled people in hostels
1-floor	4	12	2	1	11
2- floor	10	28	6	2	37
3- floor	29	63	9	4	39
4- floor	40	86	4	29	73
5- floor	137	63	2	33	51
6- floor and more	54	55	7	97	49
Total	281	307	30	168	260

Universities provide the following types of support (Table 3).

**Table 3. Types of support for students with disabilities and from socially vulnerable segments of the population, number of universities)**

Material support for students	Psychological support for students	Academic support for students	Free dormitory accommodation	Payment of travel expenses
65	78	69	51	32
Free medical assistance	Development of educational programs, taking into account the special educational needs of students	Provision of textbooks, CORs, educational CDs, information and library resources	Provision of textbooks, CORs, educational CDM, information and library resources	Support for students with musculoskeletal disorders (crutches, walkers, wheelchairs, etc.)
74	38	64	26	37

In 2020, the share of universities that have created equal conditions and barrier-free access for teaching students with special educational needs is 76%. (Appendix 4)

According to the data obtained, universities provide most of all psychological support to students with disabilities (90%); free medical care is (86%); academic support for students (80%), material support for students (75%), provision of information and library resources (74%), free accommodation in a hostel (59%), support for students with musculoskeletal disorders and development of EP, taking into account special educational student needs (44%), travel expenses (37%). The least provided support in the form of provision of special equipment for training (sound-amplifying devices, typhlo-, deaf equipment) is 30%.

## Mass Open Online Courses (MOOC)

In 2020, 33 universities conducted 1,430 MOOC (Table 1) (Appendix 5)

No.	Name	Number of MOOC
1	L.N. Gumilyov Eurasian National University	39
2	KazNU named after al-Farabi	30
3	KazNRTU named after K.I. Satpayev	400
4	K.Zhubanov Aktobe Regional University	30
5	D. Serikbayev East Kazakhstan Technical University	54
6	S. Amanzholov East Kazakhstan University	1
7	Zhangir Khan West Kazakhstan Agrarian - Technical University	1
8	M.Utemisov West Kazakhstan University	3
9	Karaganda Industrial University	2
10	Karaganda Technical University	7
11	E.A. Buketov Karaganda University	8
12	Yessenov University	4
13	Rudnyi Industrial Institute	263
14	M. Kozybayev North Kazakhstan University	5
15	M.Kh. Dulaty Taraz Regional University	11
16	South Kazakhstan State Pedagogical University	33
17	M. Auezov South-Kazakhstan University	11
18	Almaty Technological University	132
19	Astana Medical University	4
20	International Information Technology University	2
21	KIMEP University	246
22	Bolashak Academy	6
23	Almaty Management University	10
24	Astana It Unversity	4
25	Baishev University	3
26	West Kazakhstan Innovation-Technological University	3
27	L.B. Goncharov Kazakh Automobile Road Academy	16

28	Kazakh Humanitarian Law Innovative University	5
29	Kazakh University of Economics, Finance and International Trade	14
30	Karaganda Economic University of the Kazpotrebsoyuz	72
31	Bolashak University	5
32	Turan-Astana University	2
33	Miras University	4

The greatest activity in the implementation of MOOCs is noted in:

- KazNRTU named after K.I. Satpayev (400),
- Rudny Industrial Institute (263),
- KIMEP University (246),
- Almaty Technological University (132),
- Karaganda Economic University of Kazpotrebsoyuz (72),
- East Kazakhstan Technical University named after D. Serikbayev (54),
- Eurasian National University named after L.N. Gumilyov (39),
- South Kazakhstan State Pedagogical University (33).

The length of online courses varies from 5 to 270 hours. The largest number of hours is allocated to online courses such as these:

- Grammar of the Kazakh language (270 hours), Artificial Intelligence Systems (180 hours, Kozybayev NKU);
- Applied photogrammetry, Techniques and technology of wastewater treatment, Technology of software development for real-time systems, Basics of electronics, Crystallography and Mineralogy (180 hours, D. Serikbayev East Kazakhstan Technical University);
- Introduction to Programming (C++), Object-Oriented Programming (Java), Algorithms and Data Structures, Information and Communication Technologies (150 hours, Astana IT University);
- ICT, English, Pedagogy of Higher School, Psychology, Positive Science, Mechanics, Physical Problems with Associate Professor V. Kashkarov, Philosophy, Modern History of Kazakhstan, Sociology (150 hours, Al-Farabi Kazakh National University);

- It should be noted that the largest share of MOOCs by language of instruction is in Russian (Fig.1) (Table 1).

Figure 1. Percentage of MOOC by language of instruction

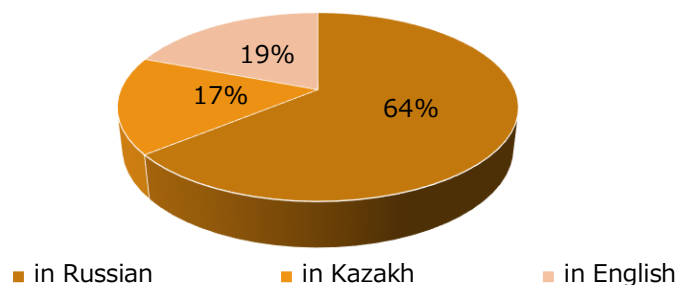


Table 1. Bachelor students by language of instruction

Language of instruction	Number of bachelor students
Kazakh	20 569
Russian	19 544
English	18 855

The opportunity to study through MOOCs in English is provided by the following universities (Table 2).

Table 2. Number of MOOCs in English

Name	Number of MOOCs in English
KIMEP University	238
Eurasian National University named after L.N. Gumilyov	7
D. Serikbayev East Kazakhstan Technical University	7
K.Zhubanov Aktobe Regional University	4
Astana IT University	4
South Kazakhstan State Pedagogical University	4
Al-Farabi Kazakh National University	2
Abai Kazakh National Pedagogical University	2
Karaganda Technical University	2
International Information Technology University	2
West Kazakhstan Innovation-Technological University	2
Karaganda Economic University of the Kazpotrebsoyuz	2
Almaty Technological University	1
E.A. Buketov Karaganda University	1
Bolashak Academy	1



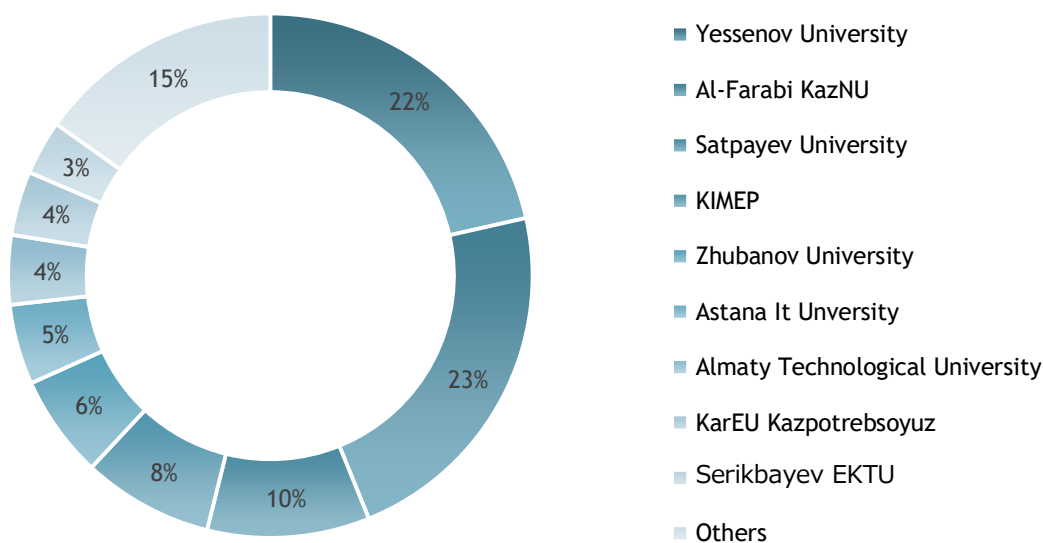
The Satpayev University, KIMEP University, Almaty Technological University, Rudnyi Industrial Institute, East-Kazakhstan Technological University, D. Serikbayev East Kazakhstan Technical University, Karaganda Economic University of Kazpotrebsoyuz, others demonstrate significant experience of MOOK implementation, having implemented more than 50 MOOK.

In 2020, the number of students increased to 76,672 (in 33 universities). This growth was facilitated by the transition to distance learning due to the COVID-19 pandemic.

Examples of this growth can also be seen in the most popular MOOK suppliers worldwide - Coursera and Udacity. At Coursera, the total number of students in the United States increased by 607% between 17 March and 16 April compared to the same period last year (Kazakhstan, 402%). In Udacity, the number of active users increased by 44.8% over the four weeks from 9 March to 6 April. During the same period, the platform increased the number of new users by 73.3%.

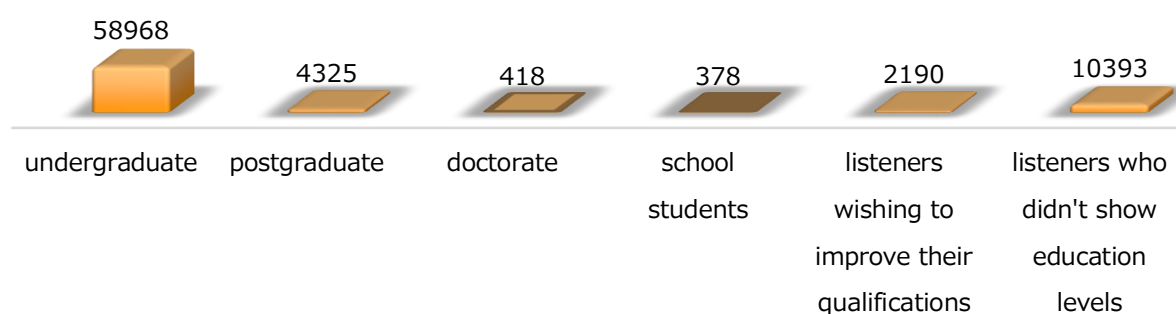
The largest proportion of students are from Al-Farabi KazNU (28.5% or 21,869 people), Satpayev University (12.7% or 9,774 people), KIMEP University (10.2% or 7,868 people), Zhubanov University (8.1% or 6,184 people), Astana IT University (6.3% or 4,826 people), Almaty Technological University (5.4% or 4,176 people), Karaganda Economic University of Kazpotrebsoyuz (5% or 3,859 people), D.Serikbayev East-Kazakhstan Technical University (4.3% or 3,285 people) (fig. 2).

Figure 2. MOOC: number of university students



The target audience of online courses is not only students of higher education institutions in the country. The quality of MOOC students is represented by the following students: bachelor students - 58,968 people (76.9%), master students - 4 325 (5.6%), doctoral students - 418 (0.5%), schoolchildren - 378 (0.5%), students with professional or higher education wishing to improve their skills - 2 190 (2.8%), and others (students who did not specify the level of education) - 10 393 (13.5%) (Fig. 3).

Figure 3. MOOC target audience, 2020



Special structural units (Department of Digital Development and Distance Learning/Department of Multimedia Didactic Development, Centre for Transfer of Innovative and Simulated Educational Technologies, Distance Learning Centre, Department of Academic Activities, Institute of New Educational Technologies, Centre for Mass Open Online Courses, Competence Centre for Online Education, Institute of Distance Education and Professional Development) coordinate the development and implementation of MOOC in 33 universities, Innovation and SMART training, Computer and Information Centre, Innovation Education Technology Centre, Online Education Department, Additional Education Department, Information Technology Centre, Digital University Development Department, Digitalization and IT Department, Non-formal and Additional Education Centre, etc.).

For online courses all 33 higher education institutions have special studios/installations. In addition, multimedia rooms have been opened for students with appropriate technical support from university specialists (installers, video operators, programmers, engineers, marketing department specialists, PR managers, methodologists, designers). Of the 33 higher education institutions implementing MOOC, 19 have their own MOOC platforms (Table 3).

Table 3. List of universities with own MOOC platforms

Name of the university	MOOC platform
Medical University of Astana	<a href="http://mook.amu.kz/">http://mook.amu.kz/</a>
Al-Farabi Kazakh National University	<ol style="list-style-type: none"> <li>1. <a href="http://open.kaznu.kz">open.kaznu.kz</a></li> <li>2. <a href="http://moocs.kz">moocs.kz</a> (КазНУ является тех. оператором)</li> <li>3. <a href="http://omc.moocs.kz">omc.moocs.kz</a> (КазНУ является тех. оператором)</li> </ol>
Satpayev University	<a href="https://polytechonline.kz/">https://polytechonline.kz/</a>
IITU	<a href="https://iitu.okudemia.kz/">https://iitu.okudemia.kz/</a>
KIMEP University	<a href="http://el2019.kimep.kz">el2019.kimep.kz</a>
Narhoz University	<a href="https://narxoz.online/">https://narxoz.online/</a>
Almaty Technological University	<a href="http://open.atu.kz/">http://open.atu.kz/</a>
Almaty Management University	<a href="http://open.almau.edu.kz">open.almau.edu.kz</a>
Zhangir Khan WKAU	<a href="http://oku.wkau.kz/">http://oku.wkau.kz/</a>
Rudnyi Industrial Institute	<a href="https://mooc.rii.kz">https://mooc.rii.kz</a>
Utemisov West Kazakhstan University	<a href="http://moodle.wksu.kz">moodle.wksu.kz</a>
D.Serikbayev East-Kazakhstan Technical University	<ol style="list-style-type: none"> <li>1. <a href="https://edx.ektu.kz">https://edx.ektu.kz</a></li> <li>2. <a href="https://moodle.ektu.kz">https://moodle.ektu.kz</a></li> </ol>
Karaganda State Technical University	<a href="http://edu.kstu.kz">edu.kstu.kz</a>
Karagandy State University	<a href="https://mook.ksu.kz">https://mook.ksu.kz</a>
Karaganda Economic University of Kazpotrebsoyuz	<a href="http://cdo.keu.kz/blocks/mook">cdo.keu.kz/blocks/mook</a>
Bolashaq Academy	<a href="http://dot.bolashaq.edu.kz/moodle/">http://dot.bolashaq.edu.kz/moodle/</a>
K.Zhubanov Aktobe Regional University	<a href="https://arsu.mbook.kz">https://arsu.mbook.kz</a>
Miras University	<a href="http://www.miras.app">www.miras.app</a>
Dulaty University	<a href="http://moocs.tarsu.kz">moocs.tarsu.kz</a>

A systematic policy in the development and implementation of MOOCs is carried out by universities, whose serious attention is paid to personnel support: KazNRTU named after Satpayev (619 people), KIMEP University (297 people), Almaty Technological University (138 people), Rudny Industrial Institute (89 people), Karaganda Economic University of Kazpotrebsoyuz (77 people), etc.

Thus, it can be stated that the implementation of MOOCs is an effective tool for maintaining the quality of education in the context of a forced massive transition to a distance learning format.

## Minor educational programmes

In 2020, the programmes (Minor) were implemented in 56 higher education institutions of the country, which is 49.5% of the total number of civil higher education institutions. (Appendix 6)

The total number of Minor programmes is 695.

The largest number of Minor programmes are being implemented at Buketov University (79), KIMEP University (59), Al-Farabi Kazakh National University (48), Zhansugurov University (32), IITU (32).

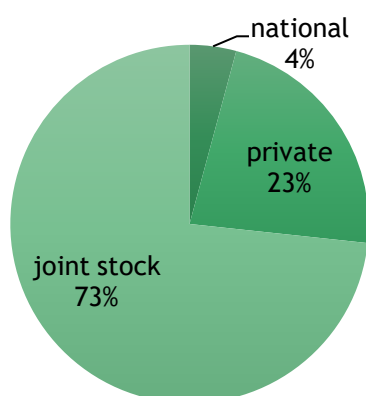
Minor programmes have been selected by 36,960 undergraduate students. By language of instruction, the largest number of students is in Kazakh (55%).

In general, in the context of the languages of instruction, the number of students will be as follows: in Kazakh language - 20 428, in Russian - 13 246, in English - 3 286.

The number of students enrolled in the Minor programme by type of university is as follows: 5 national - 1,545, 28 JSC- 27,082, 23 private - 8,333 (Fig. 1).

The largest number of students are enrolled in Minor programmes at the Narkhoz University (7,471), Buketov Karaganda University (3,775), Toraigyrov University (2,609), International Educational Corporation (2,130), SKSPU (1,625), Al-Farabi Kazakh National University (1,421), Almaty Technological University (1,390).

**Figure 1. Number of students enrolled in additional educational programmes (Minor), by university level**



Minor programmes are implemented by universities in the 2-7 semesters at the Bachelor programme. The number of loans in the Minor programme ranges from 3 to 240.

There are 25 out of 56 higher education institutions (Narikbayev KAZGUU, Astana University, Kazakh National Agrarian University, Asfendiyarov Kazakh National Medical University, KIMEP University, Narkhoz University, Kazakh Academy of Sports and Tourism, Eurasian Technological University, University of Almaty, Egyptian University of Islamic Culture Nur-Mubarak, Kazakh Academy of Labour and Social Relations, Atyrau University, Utebayev Atyrau University of Oil and Gas, Atyrau Engineering and Humanities Institute, Rudna Industrial Institute, Dulatov Kostanai Engineering and Economic University, Innovative Eurasian University, Satpayev Ekibastuz Research Institute of Engineering and Technology, Buketov Karaganda University, Zhubanov Aktobe Regional University, Baishev University, South Kazakhstan Medical Academy, Shymkent University, Mardan Saparbayev Institute, Aktau Humanitarian-Technical University) upon completion of studies under Minor programmes issue a certificate or certificate, others indicate in the transcript or diploma supplement.

Monitoring of official websites of Kazakhstan's higher education institutions showed the following:

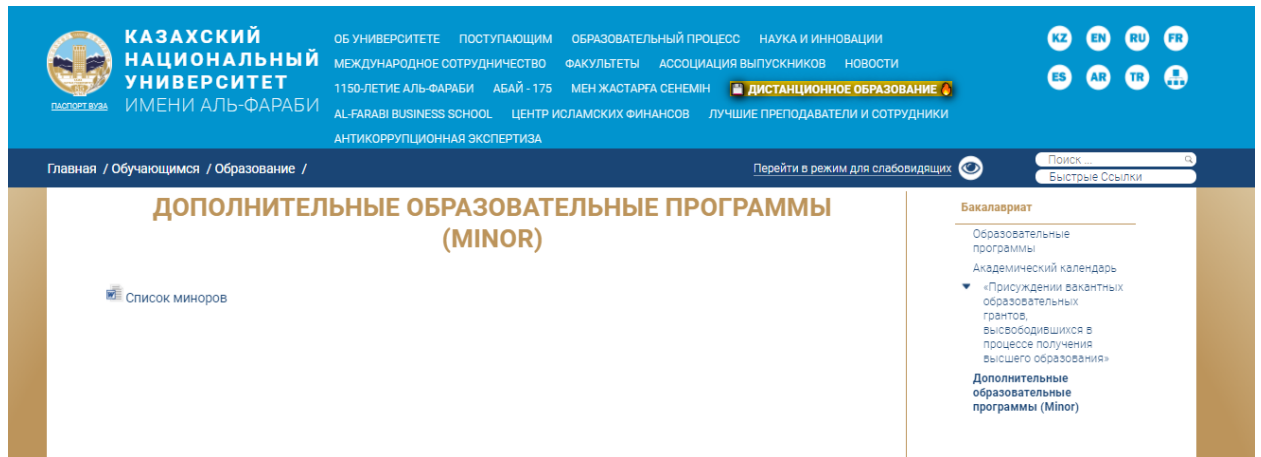
- the **Narkhoz University** website (<http://portal.narxoz.kz/>) contains a catalogue of programmes (Minor) for each educational programme (Fig. 2). It should be noted that the number of students enrolled in Minor programmes at Narkhoz University is 7,471 people.

Figure 2. Example of posting Minor programmes on the website

The screenshot displays the NARXOZ UNIVERSITY website. At the top left is the university's logo. To the right is a row of red circular icons with labels: Banner Student, Banner "ППС", Нархоз сайт, Office 365, Центр Карьеры, АИС "ППС", Banner Research, and Библиотека. Below this is a horizontal navigation menu with items: Главная, Новости, Персонал, Студенты, РНД, Библиотека документов, **Учебный процесс** (highlighted), Практика, and Академическая мобильность. Underneath the menu, there are links for Контакты and Вход. The main content area shows a list of documents related to minor programmes, including 'Minor catalog English.pdf', 'Minors курстарының каталогы, оқыту тілі-қазақ.pdf', and 'Каталог курсов Minors русский язык обучения.pdf'. On the left side of this content area, there is a vertical list of items with green checkmarks: Дипломное проектирование, Академическая политика, Антиплагиат, Магистерские диссертации, Профессиональная практика, and Организация учебного процесса.

• the website of the al-Farabi Kazakh National University (<https://www.kaznu.kz>) also contains the proposed Minor programmes (fig.3). The number of students on Minor programs at Al-Farabi Kazakh National University is 1,421 people:

Figure 3. Example of posting Minor programmes on the website



Placing and familiarizing with implementing Minor programs on information platforms is important and can affect the number of students.

## NOSTRIFICATION AND RECOGNITION OF EDUCATIONAL DOCUMENTS

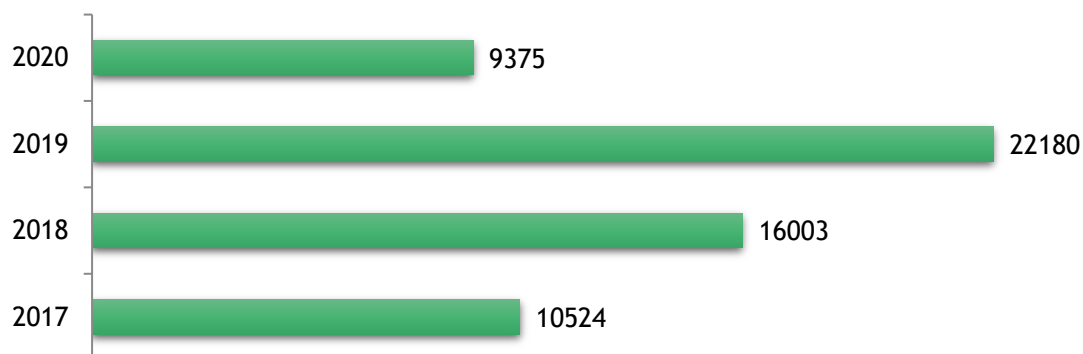
The Center is constantly modernizing the procedure for recognizing educational documents in accordance with the trends of the modern world.

The importance of the recognition/nostrification procedure in the Republic of Kazakhstan is seen as a key point in the implementation of academic and professional mobility.

So, in the last three years alone, the Center received **48,707** applications for the recognition / nostrification procedure, of which **10,524** were received in 2017; 2018 - **16003**; 2019 - **22180**.

Despite the COVID-19 Pandemic for **9 months of 2020**, **9375** applications were received (9269 of them through the Government for Citizens State Corporation, 106 through the Electronic Government web portal) on the procedure for recognizing and nostrifying educational documents of service recipients who received education in **51** states (Fig. 1).

Figure 1. Statistics on the recognition / nostrification of educational documents

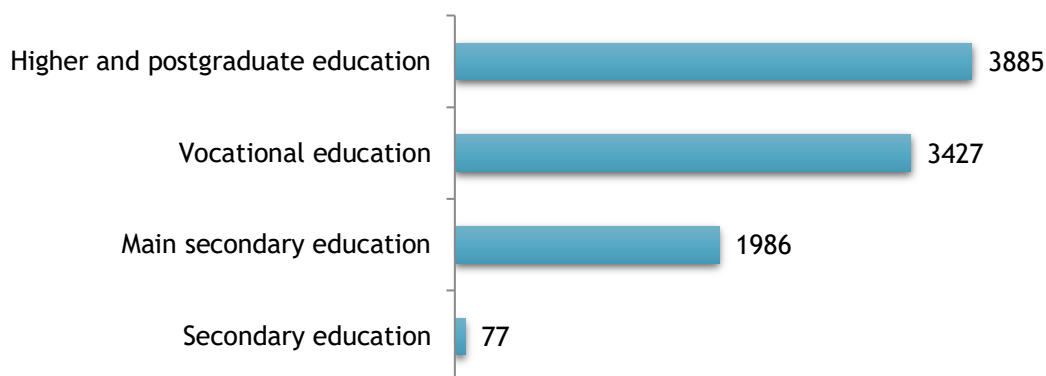


For 9 months of 2020, 3,802 applications were received for the recognition procedure, 5,573 applications for nostrification, including 5246 residents of individuals, 4129 non-residents.

By levels of education: 77 enrolled in basic secondary education (recognition - 29, nostrification - 48), general secondary education - 1986 (recognition - 667, nostrification - 1319), in technical and vocational education - 3427 (recognition - 213, nostrification - 3214), in higher and postgraduate education - 3885 (recognition - 3117, nostrification - 768) (Fig. 2).

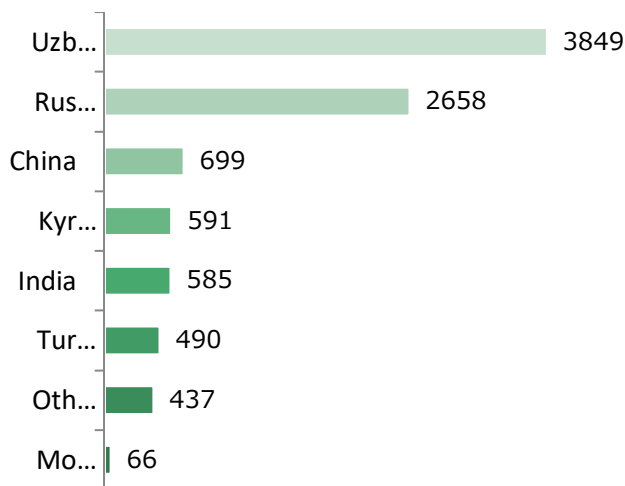


Figure 2. Statistics by education levels for 9 months of 2020



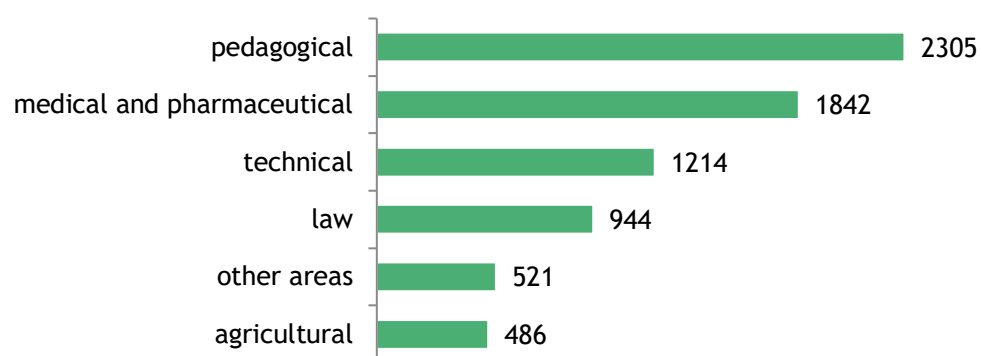
The main number of applications came from individuals who received education in: Uzbekistan (3849 or 41%), Russia (2658 or 28%), China (699 or 7.4%), Mongolia (66 or 0.7%), India (585 or 6.2%), Turkmenistan (490 or 5.2%) and Kyrgyzstan (591 or 6.3%), other countries - 4.7% (Fig. 3).

Figure 3. Statistics by country for 9 months of 2020



In the education areas of technical and vocational, higher and postgraduate documents: pedagogical (2305), medical and pharmaceutical (1842), technical (1214), law (944), agriculture (486), other areas (521) (Fig. 4).

Figure 4. Statistics by areas of training for 9 months of 2020.



## CONCLUSION

**Based on the results of specifically 2020, we can conclude the following:**

- The indicator of foreign teaching staff at the university contributes to the creation of a language environment and an increase in the level of knowledge of the English language among students.

- Universities of Europe, included in TOP-50 QS, carry out purposeful systematic work to attract foreign specialists to teaching and research work. Such specialists are involved only in demanded areas for the university / faculty / department. Universities establish transparent recruiting terms.

- In 2020, the largest representativeness of experts from the CIS (52%).

- In 2020, 45 civil universities (national - 78, NAO - 95, AO - 43, private - 54 people) attracted 270 foreign specialists to teaching activities at the expense of extra-budgetary funds. Out of 270 attracted foreign specialists, 87 have PhD degrees, 86 Doctors of Science, 63 PhDs, 23 Masters and 11 Bachelors. The duration of stay of foreign specialists in universities is from 4 to 120 days. Kazakhstani universities invite specialists mainly from the CIS countries (52%). From Europe -25%, Asia -15%. Russia is the leader among the CIS countries - 85 people. From European countries - Poland and Bulgaria (9 people), Asia - Turkey (24 people), North America - USA (11 people).

- The total number of international agreements with foreign universities amounted to 6 796. The largest number of agreements falls on the NJSC (34% or 2218 units) and the CIS countries (49% or 3209 units).

- The total indicator of foreign students in universities in Kazakhstan was 4.7% (28169 people), compared to the 2019-2020 academic year, the share of foreign students in universities in Kazakhstan decreased by 2% (2019-2020 academic year - 40 188 people (6.7%) COVID 19 pandemic in the world and in Kazakhstan, at the same time, the state policy of Uzbekistan on the return of students to their homeland influenced the decrease in the number of foreign students.

- The largest share of foreign students is undergraduate - 96% (26979 people). A large number of students from Uzbekistan (14235 people) and India (4340 people).

- The largest share of foreign students are enrolled in educational programs in the field of "01 Pedagogical Sciences" (27.1%), of which 5458 foreign students are

citizens of Uzbekistan (over 70%). Uzbekistan adopted a special law on the status of teachers on October 31, 2018.

- 6151 foreign students choose educational programs "10 Healthcare and Social Security (Medicine)", of which 4 340 people are from India. This flow of students is explained by the high cost of studying in India for medical educational programs (min.3 million tenge), as well as the high demand for medical workers in India.

- The total number of international projects of universities in Kazakhstan was 322 units. The largest share of participation of Kazakhstani universities in international projects falls on the Erasmus+ projects.

- 25% (29 universities) of civil universities implement JEPs. The total number of JEPs was 108. The total number of JEP trainees was 1824. The main languages of instruction are Kazakh, Russian, English, in partner universities - Kazakh, Russian, English, French, Chinese, Spanish (in total - 5 languages);

- 33 universities (29% of the total number of civilian universities) in cooperation with 77 partner universities from 24 countries are implementing 152 double-degree programs. The contingent of students is 1120 people. 9 DDP of doctoral level were opened. The main languages of instruction are Kazakh, Russian, English, in partner universities - Russian, English, French, German, Spanish, Italian, Polish, Turkish, Chinese, Korean (10 languages in total).

- 52% of civilian universities provide education in three languages. The contingent of students in three languages is 87,230 people: in undergraduate - 81,094, in postgraduate - 5,276, in doctorate - 860. In the 2020-2021 academic year, compared with the last academic year, there was an increase in the contingent of students by 56 %. The largest number of students enrolled in private universities.

- The number of faculty teaching in English in 59 Kazakhstani universities is 3,424 people. At the same time, the number of teaching staff with IELTS and TOEFL certificates is 792 people. (23%). The number of students with IELTS, TOEFL certificates with C1 level is 233 people.

- The total number of educational programs in 59 universities implementing trilingual education is 6,098 units: undergraduate - 4,187, postgraduate - 1,317, doctoral - 594. At the same time, the number of educational programs providing training

in three languages is 662 units. Of these, the number of accredited educational programs providing training in three languages is 508 units.

➤ 33% of civilian universities provide EP training in English. The contingent of students in English at 38 universities is 42,309 people. In the 2020-2021 academic year, compared to the last academic year, there was an increase in the contingent of students by 55%. The largest number of the contingent of students in English falls on private universities.

➤ The number of students on EP in English under the state order is 25 679 people (60%). Of these, the number of students in the undergraduate program is 21,975 people, in the postgraduate - 3077 people, in the doctoral program - 927 people. The largest share of students under the state order falls on national, joint-stock companies and private universities.

➤ The number of students with IELTS, TOEFL certificates is 7083 people (16%). Of these, the number of students with IELTS, TOEFL certificates with B2 level is 4924 people. The number of students with IELTS, TOEFL certificates with C1 level is 1383 people.

➤ The number of faculty teaching in English in 38 Kazakhstani universities is 5358 people. Of these, 4083 people teach in the undergraduate degree, 809 people in the postgraduate, 466 people in the doctoral program. At the same time, the number of teaching staff with IELTS and TOEFL certificates is 1961 people. (36%). Of these, the number of teaching staff with IELTS, TOEFL certificates with B2 level is 1392 people. The number of students with IELTS, TOEFL certificates with C1 level is 524 people.

➤ The total number of educational programs in 38 universities that implement EP training in English is 4 350 units: undergraduate - 2823, postgraduate - 1162, doctoral - 365. At the same time, the number of educational programs that provide training in English, is 881 units. Of these, the number of accredited educational programs providing training in three languages - 530 units.

➤ The share of universities in which people with disability group I study was 39% of the total number of responding universities (44 out of 113 universities), with II-nd - 53% (60), with III -69% (78).

➤ The share of universities in which students from low-income families study was 35% (39), from a large family - 50% (56), orphans and persons left without parental care - 50% (57), from an incomplete family - 47% (53).

➤ The share of universities in which rural youth study - 46% (52), oralman students - 25% (28); and persons equated in benefits and guarantees to participants and disabled people of the Second World War - 11% (12).

➤ There is an increase in the number of students with developmental disabilities in the country's universities (disabled people of 1-3 groups). In the 2020-2021 academic year it was 1940, 2019-2020 - 1679, in 2018-2019 - 1786, in 2017-2018 - 1460 and in 2016-2017 - 1228 people.

➤ In terms of educational levels, the majority of students with disabilities are enrolled in undergraduate studies: 92% from group I, 96% from group II, and 98% from group III. In the postgraduate - 8% of the I-st group, 4% - the II-nd and 2% - the III-rd group of disabilities. According to PhD doctoral programs, only students with the III group of disabilities are trained and is less than 1%.

➤ 494 educational buildings have 395 ramps (80%), 84 electric lifts, 183 lifts and 313 specially equipped toilets.

➤ Universities of Kazakhstan are effectively working on the creation and development of MOOCs. The creation of MOOCs is a good tool to support learning during the COVID 19 pandemic with distance learning. Of the total number of civilian universities, only 29.2% implement MOOCs. The total number of MOOCs of 33 universities was 1430. The largest number of them falls on Satpayev University (400), Rudny Industrial Institute (263), KIMEP University (246), Almaty Technological University (132), Karaganda Economic University of Kazpotrebsoyuz (72), Serikbayev East Kazakhstan Technical University (54), L.N. Gumilyov Eurasian National University (39).

➤ The largest share of MOOCs in terms of languages of instruction are conducted in Russian (917). MOOCs are taught in English only by the IUIT and Astana IT University. The duration of all online courses varies from 5 to 270 hours.

➤ The total number of trainees was 76 672 people. al-Farabi KazNU (28.5% or 21,869 people), Satpayev (12.7% or 9,774 people), KIMEP University (10.2% or 7,868 people), Zhubanov Aktobe Regional University (8.1% or 6,184 people), Astana IT University (6.3% or 4,826 people), Almaty Technological University (5.4% or 4,176 people), Karaganda Economic University of Kazpotrebsoyuz ( 5% or 3 859 people), Serikbayev East Kazakhstan Technical University (4.3% or 3 285 people) Students with a vocational or higher education, wishing to improve their qualifications make up 2.8%; listeners who did not indicate the level of education 13.5%.

➤ Minor programmes are released in 56 civil universities (49.6% of the total number of universities). The total number of Minor programmes was 695. The largest number of Minor programmes are implemented at Buketov Karaganda University (79), KIMEP University (59), Al-Farabi Kazakh National University (48), Zhansugurov University (32) and IITU (32).

➤ The number of bachelors studying under Minor programmes was 36,960, including 20,428 in Kazakh, 13,246 in Russian and 3,286 in English. The largest share of Minor programmes is taught in Kazakh (55%). From the 56 higher education institutions issued by Minor (25) certificates or certificates are upon completion of the programmes, while the rest are indicated in the transcript or diploma supplement.

# Appendixes



## Foreign specialists in the context of universities

1. L.N. Gumilyov Eurasian National University	30	Belarus
		Bulgaria
		Germany
		Georgia
		Iran
		Mongolia
		Poland
		Portugal
		Russian Federation 9
		Romania 2
		Slovakia
		USA 2
		Turkey 4
		Uzbekistan
		Ukraine
		Czech Republic
Japan		
2. Kazakh National Academy of Choreography	1	Russian Federation
		UYzbekistan
		Belarus 2
		Bulgaria 2

		Georgia 2
		Israel
		Spain
		Italy
		China
		Kyrgyz Republic
		Latvia
		Malaysia
		Nigeria
		Pakistan
		Poland 2
		Russian Federation 5
		Romania 3
		Serbia
		USA 2
		Tajikistan
		Turkey 2
		Uzbekistan 3
		Ukraine
4. Kazakh National Women's Pedagogical University	1	Turkey
5. Abay Kazakh National Pedagogical University	1	Russian Federation

6. al-Farabi Kazakh National University	9	Algeria
		Canada
		Russian Federation
		Turkey
		Estonia
		South Korea 3
		Japan
		Bulgaria
		Italy
		Poland
		Russian Federation 5
		Russian Federation 26
		Ukraine
		Kyrgyz Republic
		Latvia 2
		Poland 2
		Russian Federation
		Turkey 2
11. West Kazakhstan Agrarian Technical University named after Zhangir Khan	20	Czech Republic
		Uzbekistan
12. West Kazakhstan University named after M.Utemisov	1	Russian Federation
		Great Britain
		India

		Romania
		Turkey
		Ukraine
		Bulgaria 2
		Iran
		Poland
		Russian Federation 7
		Turkey 2
		Czech Republic
16. Kyzylorda University named after Korkyt Ata	2	Russian Federation
		India
		Lithuania 2
		Tajikistan 4
		Ukraine 3
		Lithuania 2
		New Zealand
19. Pavlodar Pedagogical University	1	Russian Federation
		Lithuania
		Russian Federation
21. Taraz Regional University named after M.Kh. Dulati	2	Russian Federation 2
22. South Kazakhstan State Pedagogical University	1	Uzbekistan
		Georgia
		Kyrgyz Republic 4

		Lithuania
		Russian Federation 4
		Turkey
		Ukraine
24. D.A. Kunaev Eurasian Law Academy	3	Russian Federation 2 Turkey
25. Kazakh Academy of Sports and Tourism	3	Ukraine
26. Kazakh Academy of Transport and Communications named after M. Tynyshpaev	1	Germany
27. Kazakh Academy of Labor and Social Relations	9	Armenia Belarus Kyrgyz Republic Russian Federation 4 Tajikistan Uzbekistan Bulgaria
28. Kazakh Humanitarian Law Innovative University	1	Great Britain
		Bulgaria 2
		Germany
		Poland
		Russian Federation 2
		Uzbekistan

30. Kazakh-Russian International University	1	Great Britain
31. Kazakhstan Medical University "KSPH"	2	China
		Russian Federation
		USA 7
		Turkey
33. KBTU	2	Denmark
		Netherlands
		Russian Federation 3
		Uzbekistan
35. International Humanitarian - Technical University	2	Spain
		Kyrgyz Republic 3
		Bangladesh
37. International University of Tourism and Hospitality	4	Malaysia 2
		UAE
		Russian Federation
		Spain
		Kyrgyz Republic 4
39. University named after Suleiman Demirel	1	Poland
40. University of Foreign Languages and Business Career	5	Turkey 5
41. M.S. Narikbaev KAZGUU University	4	Great Britain
		India
		Italy

		Kyrgyz Republic
42. University of International Business	1	Pakistan
43. Finance Academy	5	Russian Federation
44. Kainar Academy	1	Turkey
45. Egyptian University of Islamic Culture Nur-Mubarak	2	Turkey

## Information on the participation of Kazakhstan universities in international projects in 2020

No.	Name of HEI	Name of the international project in Russian	Source of financing	Project subject
1	SILKWAY International University	Модуль Жан Монэ «Европейские реформы в высшем образовании: гармонизация и внедрение в Казахстане»	Erasmus	Higher education
2	SILKWAY International University	Водная гармония II	Norway, Norwegian Ministry of Foreign Affairs	Water resources management
3	SILKWAY International University	Участие в Консорциуме СУ СНГ	Russia, RF quota	Higher education
4	SILKWAY International University	Грант Европейского банка реконструкции и развития	European Bank for Reconstruction and Development	Transformation of the management system and business processes
5	Almaty Academy of Economics and Statistics	Деолларизация экономики России и Казахстана: перспективы и новые направления	Russia, Institute of International Economic Relations	De-dollarization of the economies of Russia and Kazakhstan: prospects and new directions
6	NJSC "Atyrau University named after H. Dosmukhamedov"	Переход к университетской автономии в Казахстане/TRUNAK (586205-EPP-1-2017-1-KZ-EPPKA2-CBHE-SP)	Erasmus	Creation of a model for the transition of Kazakhstan universities from the traditional



				form of management to autonomous management
7	NJSC "Atyrau University named after H. Dosmukhamedov"	Дистанционное обучение Английскому языку в Атырау	British Council	English Language
8	Almaty University	Соглашение о сотрудничестве в области проведения пилотной версии курсов повышения квалификации для слушателей, не обладающих квалификацией психолога, программе "по психология экстремальных ситуаций"	Kyrgyzstan / Kyrgyz-Kazakh University	Psychology of extreme situations
9	Almaty Management University	"Партнерство университетов для проектов по глобальному социальному воздействию»	США, UNICEN, American Councils	University Partnerships for Global Social Impact Projects (project in partnership with Lehigh University, USA)
10	Almaty Management University	"Повышение компетентности студентов специальности ИКТ по развитию стартапов с помощью междисциплинарных модульных курсов в учебных программах ВУЗов"	Erasmus	Erasmus + project "Accelerating ICT students' startup development competence via interdisciplinary modular courses in the HEI curricula - Uxiship"
11	Almaty Management University	"Creative Spark: Программа высшего образования для предприятий"	British Council	Creative Spark: Higher education enterprise program in cooperation with Northampton University, UK, and other partners from business and academia in Kazakhstan

12	Aktobe Regional State University named after K. Zhubanov	Программа RITA «Преобразования в регионе»	USA, Polish-American Foundation "Freedom for Democracy"	Polish-Kazakh Regional Center for Safety and Rescue Education
13	Aktobe Regional State University named after K. Zhubanov	Проект UniCEN Американских советов	USA, US Embassy in Kazakhstan	An innovative approach to teaching Mathematics in preschool education, integrating STEM into the curriculum
14	Almaty Technological University	Модернизация высшего и послевузовского образования через новые технологии	Erasmus	Modernization of higher and postgraduate education using new technologies
15	NJSC "Almaty University of Energy and Communications named after Gumarbek Daukeev"	Университеты Казахстана за совершенствование процессов обеспечения качества в обучении с использованием новых технологий	Erasmus	Свершенствование процессов обеспечения качества в обучении с использованием TEL
16	NJSC "Almaty University of Energy and Communications named after Gumarbek Daukeev"	Сотрудничество с целью поддержки подготовки профессиональных кадров для Центральной Азии – для поддержки лидеров в свете возрастающей потребности в использовании возобновляемых источников энергии в регионе	США, grant of USAID	Training of highly qualified specialists for work at enterprises and organizations of the energy sector of the Republic of Kazakhstan and other Central Asian states

17	NJSC "Almaty University of Energy and Communications named after Gumarbek Daukeev"	Международный проект в рамках программы Erasmus + по Ключевому действию 1–Международная кредитная мобильность совместно с университетом прикладных наук Анхальт(Анхальт, Германия)	Erasmus	International credit mobility
18	NJSC "Almaty University of Energy and Communications named after Gumarbek Daukeev"	Создание совместной лаборатории по робототехнике с университетом Кассино и Южной Лацио	University funds	Creation of a joint laboratory
19	NJSC "Almaty University of Energy and Communications named after Gumarbek Daukeev"	Сотрудничество по созданию совместной лаборатории с ООО «Модульные системы Торнадо»	University funds	Collaboration to create a joint laboratory
20	NJSC "Almaty University of Energy and Communications named after Gumarbek Daukeev"	Международный проект в рамках программы Erasmus + по Ключевому действию 1–Международная кредитная мобильность совместно с университетом Овьедо (Овьедо, Испания)	Erasmus	International credit mobility
21	NJSC "Almaty University of Energy and Communications named after Gumarbek Daukeev"	Передовой центр для докторантов и молодых исследователей в области информатики	Erasmus	Center of Excellence for Doctoral Students and Young Researchers in Informatics
22	Baishev University	Оценка стратегий интернационализации в казахстанских университетах	British Council	Assessment of internationalization strategies in Kazakhstani universities

23	Baishev University	Профессиональный английский для журналистов	British Council	Professional English for Journalists
24	Baishev University	Международная кредитная мобильность	Erasmus	International credit mobility
25	Baishev University	Международная кредитная мобильность	Erasmus	International credit mobility
26	Baishev University	Научно-методическое обеспечение процесса современного языкового и литературного образования школьников	self-financing	Scientific and methodological support of the process of modern language and literary education of schoolchildren
27	Baishev University	Формирование профессиональных компетенций будущего педагога иностранных языков и литературы в условиях поликультурного социума	self-financing	Formation of professional competencies of a future teacher of foreign languages and literature in a multicultural society
28	Baishev University	Проблемы развития региональной финансовой системы и ее совершенствование	self-financing	Development problems of the regional financial system and its improvement
29	Baishev University	Проект SCILLA (STEM контент, интегрированный с языковыми мероприятиями)	Erasmus	SCILLA project (STEM content integrated with language activities)
30	Kyzylorda University Bolashak LLP	совместный научный проект "Когнитивная экономика и поведенческие аспекты экономической психологии"	Russian Federation	Cognitive economics and behavioral aspects of economic psychology

31	East Kazakhstan Technical University named after D. Serikbayev	Разработка магистерской программы по управлению предпринимательской деятельностью промышленных предприятий для стран с переходной экономикой	Erasmus	The project will analyze the needs of the labor market and develop a master's program, curricula and training content, taking into account the current educational opportunities of Central Asian universities, as well as through the involvement of regional industrial companies and government agencies. As a result, the project will contribute to the internationalization of universities and the socio-economic development of industrial regions.
32	NJSC "EKU named after S. Amanzholov"	Интегрированный подход к подготовке учителей STEM направления	Erasmus	Higher education, pedagogical sciences
33	Institution of higher education "Eurasian Humanitarian Institute"	Научный проект по гуманной педагогике «Полюбите будущее - крылья вырастут»	self-financing	Education
34	ENU named after L.N. Gumilyov	Древнее письменное наследие Монголии	Монголия, Mongolia Academy of Sciences	Ancestor Legacy
35	ENU named after L.N. Gumilyov	«Центральная Азия в международных отношениях XVIII – XIX в.»	Russia, Russian Science Foundation, Russian Science	Problems of the relationship between the Russian Empire and the Central Asian states in the 18th - 19th centuries.

			Foundation. project No. 19-18- 00162	
36	ENU named after L.N. Gumilyov	«Право в Центральной Азии: правовая культура и бизнес-среда в Центральной Азии»	Horizon-2020	"Law in Central Asia: Legal Culture and Business Environment in Central Asia"
37	ENU named after L.N. Gumilyov	Integrated Approach to STEM Teacher Training	Erasmus	The goal is to improve the quality of STEM teacher training at partner universities in accordance with Bologna regulations and the needs of the knowledge economy.
38	ENU named after L.N. Gumilyov	Наименование программного соглашения в рамках странового результата ЮНИСЕФ "Равенство и инклюзив детей и подростков" и "Дружественная среда для ребенка"	USA, UN UNICEF	«Development of psychosocial support and adaptation for children and adolescents involved in the HIV epidemic and their parents in the Republic of Kazakhstan "
39	ENU named after L.N. Gumilyov	Modernization of higher education in Central Asia through new technologies	Erasmus	This project is aimed at developing a concept for adapting the education system to the digital generation

40	ENU named after L.N. Gumilyov	Innovative Approach Towards a Master Program on Smart Cities Technologies	Erasmus	The goal of the project is to create a new generation of multidisciplinary ICT engineers by internationalizing the curricula of partner universities in the field of SmartCity technologies in accordance with the Bologna principles by improving the quality of education and introducing innovative content and teaching methods.
41	ENU named after L.N. Gumilyov	Economics, Ecology and Infrastructure at High-Speed Railways	Erasmus	The aim of the project is to facilitate the transfer of knowledge in the field of railway engineering, in particular for high-speed rail, for the participating Kazakh and Russian universities, as well as gain additional expertise in this area.
42	Eurasian Technological University	Эрасмыс +	Erasmus	Credit mobility
43	Eurasian Technological University	Эрасмыс +	Erasmus	Credit mobility
44	Zhezkazgan University named after O.A. Baikonurov	Эразмыс+, КУТЕЛ	Erasmus	"Universities of Kazakhstan for improving quality assurance processes in teaching using advanced technologies"

45	NJSC "Zhetysu University named after I. Zhansugurov"	Международная программа MEVLANA "Project Based "	Turkey	"Evaluation of the efficiency of using a modified complex of natural sorbents based on zeolite, bentonite and diatomite for the purification and conditioning of drinking water and post-treatment of waste water"
46	NJSC "West Kazakhstan Agrarian and Technical University named after Zhangir Khan"	«Дуальное образование для промышленной автоматизации и робототехники в Казахстане (DIARKAZ)» 609757-EPP-1-2019-1-RS-EPPKA2-CBHE-JP	Erasmus	Capacity building in the field of industrial automation and robotics in Kazakhstan through the introduction of dual education.
47	NJSC "West Kazakhstan Agrarian and Technical University named after Zhangir Khan"	«Совершенствование послевузовского образования в сфере устойчивого сельского хозяйства и агросистем будущего – SAGRIS» 610383-EPP-1-2019-1-DE-EPPKA2-CBHE-JP	Erasmus	The project is aimed at solving problems in the field of training scientific and pedagogical personnel in accordance with international quality standards and aims to increase the level of knowledge in the field of sustainable agriculture and agricultural systems of the future - a topic of national, interregional and international importance.
48	NJSC "West Kazakhstan Agrarian and Technical University named after Zhangir Khan"	«Передовой центр для докторантов и молодых исследователей в области информатики» 610166-EPP-1-2019-1-SK-EPPKA2-CBHE-JP ACeSYRI	Erasmus	The project is focused on creating an ACeSYRI database and platform for postgraduate and doctoral students as a basis for long-term cooperation between Kazakhstani and European universities in the field of ICT.



49	West Kazakhstan Innovation and Technological University	Разработка технологии очистки загрязненных поверхностных вод трансграничного бассейна реки Урал на основе инновационных наноструктурированных сорбентов	University funds	Development of a technology for the purification of contaminated surface waters of the transboundary basin of the Ural River based on innovative nanostructured sorbents
50	West Kazakhstan Innovation and Technological University	Повышение качества электрической энергии в системах электроснабжения Западно-Казахстанской области	University funds	Improving the quality of electrical energy in the power supply systems of the West Kazakhstan region
51	West Kazakhstan Innovation and Technological University	Анализ использования лиманов на территории Западно-Казахстанской области	University funds	Analysis of the use of estuaries in the West Kazakhstan region
52	West Kazakhstan Innovation and Technological University	Разработка метода идентификации и прогнозирования состояния дизельного двигателя транспортных средств для сельскохозяйственного и нефтегазового машиностроения	University funds	Development of a method for identifying and predicting the state of a diesel engine of vehicles for agricultural and oil and gas engineering
53	West Kazakhstan Innovation and Technological University	Разработка технологии керамического кирпича на основе производственных отходов	University funds	Development of ceramic brick technology based on industrial waste

54	West Kazakhstan Innovation and Technological University	Разработка комплексной технологии предотвращения и удаления асфальто-смолистопарафинистых отложений на месторождениях Западного Казахстана	University funds	Development of an integrated prevention technologies and removal of asphalt resinous-paraffinic deposits in deposits Western Kazakhstan
55	West Kazakhstan Innovation and Technological University	Предпринимательство в системе факторов социально-экономического развития региона	University funds	Entrepreneurship in the system of factors of socio-economic development of the region
56	West Kazakhstan Innovation and Technological University	Психолого-педагогические аспекты использования инновационных технологий в обучении и воспитании субъектов образовательного процесса	University funds	Psychological and pedagogical aspects of the use of innovative technologies in teaching and upbringing of subjects of the educational process.
57	West Kazakhstan Innovation and Technological University	Тюркская и монгольская лингвистика: традиции и инновации	University funds	Turkic and Mongolian Linguistics: Traditions and Innovations.
58	NJSC "West Kazakhstan University named after Marat Ospanov"	Переход к университетской автономии в Казахстане	Erasmus	Creation of a model for the transition of Kazakhstan universities from the traditional form of management to autonomous management

59	NJSC "West Kazakhstan University named after Marat Ospanov"	ПроИнКа	Finland, JAMK University of Applied Sciences	Promoting the innovative potential of higher education in nursing in Kazakhstan
60	West Kazakhstan University named after M.Utemisov	Эрасмус +	Erasmus	Exchange of students and teaching staff
61	West Kazakhstan University named after M.Utemisov	Курсы для высших учреждений Казахстана развитие прав человека	Голландия	Human rights
62	West Kazakhstan University named after M.Utemisov	Разработка методологии вторичного использования глинистого бурового раствора на водной основе и глинистого бурового шлама бурового раствора на нефтяной основе после термомеханической обработки	USA, Karachaganak Petroleum Operating B.V	Implementation of a scientific and innovative project
63	Инновационный Евразийский университет	СТЕМуляция	USA, US Embassy in Kazakhstan	The project aims to combine Science, Technology, Engineering and Math into a unified teaching paradigm based on real practical applications. The implementation of the "STEMulation" project will allow creating a cluster of STEM education in Pavlodar region, preparing teaching materials and teaching staff, increasing the interest of students in the study of engineering and natural sciences based on an integrated learning approach

64	Innovative Eurasian University	598092-EPP-1-2018-1-BG-EPPKA2-CBHE-SP HiEdTec «Модернизация высшего образования в центральной Азии через новые технологии».	Erasmus	Modernization of the higher education system in Central Asia using new technologies
65	Innovative Eurasian University	598690-EPP-1-2018-1-BE-EPPKA2-CBHE-JP TALENT Создание магистерских программ по управлению персоналом и развитию кадрового потенциала в Центральной Азии.	Erasmus	Creation of accredited master's programs at universities "Human Resource Management and Human Resource Development"
66	Innovative Eurasian University	609757-EPP-1-2019-1-RS-EPPKA2-CBHE-JP Дуальное образование для промышленной автоматизации и робототехнике в Казахстане / DIARKAZ	Erasmus	Development, implementation, testing and validation of a bachelor's program in the field of industrial automation and robotics with the introduction of dual education in three universities in Kazakhstan
67	Innovative Eurasian University	574099-EPP-1-2016-1-ITEPPKA2-CBHE-SP PAWER «Прокладывая путь к межрегиональной мобильности и обеспечению соответствия, качества и равенства доступа».	Erasmus	Accelerating and increasing mobility between the EHEA (European Higher Education Area) and other regions
68	Kazakh Automobile and Highway Academy named after L. B. Goncharov	KA107-2019, официальный номер проекта с Erasmus 2019-1- BE02-KA107-060003	Erasmus	Educational project

69	M. Tynyshpayev Kazakh Academy of Transport and Communications	Экономика, экология и инфраструктура на высокоскоростном железнодорожном транспорте (EEIHSR)	Erasmus	Harmonization of Kazakh, Russian and European EPs for the creation of a new double-degree master's program for training specialists in the field of construction and operation of railways and high-speed, high-speed lines and LRT
70	M. Tynyshpayev Kazakh Academy of Transport and Communications	Разработка магистерской программы, основанной на Болонских принципах, по ресурсоэффективной производственной логистике (PRODLOG)	Erasmus	Development of a Bologna-based master's degree program in resource-efficient production logistics based on an analysis of 18 interdisciplinary and logically related modules
71	S. Seifullin Kazakh Agro Technical University	"Трансферт высокопродуктивных зарубежных сортов картофеля для семеноводства Северного и Центрального Казахстана"	China, Xisen Potato Industry Group Co., Ltd.	Sustainable development of the agro-industrial complex
72	S. Seifullin Kazakh Agro Technical University	"Создание перспективных линий картофеля на основе генетических ресурсов КНР и Республики Казахстан"	China, Xisen Potato Industry Group Co., Ltd.	Sustainable development of the agro-industrial complex
73	S. Seifullin Kazakh Agro Technical University	«Совместное техническое исследование по созданию экологической защиты в развивающихся городах «экономического пояса Шелкового пути» КНР и РК»	China, Xinjiang Institute of Ecology and Geography of the Academy of Sciences of the	Rational use of natural resources

			People's Republic of China	
74	S. Seifullin Kazakh Agro Technical University	«Сортоиспытание льна (шесть сортов) в Казахстане»	China	Sustainable development of the agro-industrial complex
75	S. Seifullin Kazakh Agro Technical University	Совершенствование университетского преподавания по теплоэнергетическим системам для более чистой системы с параллельными улучшениями навыков в подготовке PhD	Erasmus	Development of educational programs
76	S. Seifullin Kazakh Agro Technical University	Новые и инновационные курсы для точного сельского хозяйства	Erasmus	Development of educational programs
77	S. Seifullin Kazakh Agro Technical University	Совершенствование послевузовского образования в сфере устойчивого сельского хозяйства и агросистем будущего	Erasmus	Development of educational programs
78	S. Seifullin Kazakh Agro Technical University	Разработка услуг для лиц с ограниченными возможностями	Erasmus	Development of educational programs
79	Kazakh Humanitarian Law Innovative University	Эразмус +	Erasmus	Academic mobility of students and teaching staff

80	Kazakh Humanitarian Law Innovative University	Эразмус +	Erasmus	Academic mobility of students and teaching staff
81	Kazakh Humanitarian Law Innovative University	Эразмус +	Erasmus	Academic mobility of students and teaching staff
82	Kazakh Humanitarian Law Innovative University	Мевлана	Турция	Academic mobility of students and teaching staff
83	Kazakh Humanitarian Law Innovative University	Эразмус +	Erasmus	Academic mobility of students and teaching staff
84	KAZGUU University named after M.S. Narikbayev	Программа обмена ППС	Erasmus	CLIL (Content and Language Integrated Learning)
85	KAZGUU University named after M.S. Narikbayev	Программа обмена ППС	Erasmus	CLIL (Content and Language Integrated Learning)
86	KazNAA named after T.K. Zhurgenov	Эразмус+	Erasmus	International credit mobility
87	KazNAA named after T.K. Zhurgenov	«Creative Spark: предпринимательская программа в сфере высшего образования»	British Council	Development of the creative sector and entrepreneurial education
88	Kazakh National Agrarian University	Разработка ветеринарных препаратов при трансграничных болезнях (ящур и чума мелкого рогатого скота)"	Китай,	Development of veterinary drugs
89	Kazakh National Agrarian University	Определение и создание базы данных о молекулярных свойствах и ДНК генетического кода клещей и распространение заболеваний от клещей в приграничных районах Китая и Казахстана»	Китай, Университет Шыхыцзы,СУАР.К НР	Creation of a database of the genetic code of ticks

90	Kazakh National Agrarian University	Взаимозависимая динамика продуктов питания, энергии и воды в Казахстане и Монголии (FEWKaZMG): соединение LULCC с переходными гуманитарными науками (Монголия), Монгольская академия наук	США, Национальное управление по авионавигации и исследованию космического пространства	Exploring food, water and energy
91	NJSC "Kazakh National Academy of Choreography"	Эразмус+	Erasmus	EU program Erasmus + + KA 107 2019/22 (agreement with National Dance Academy, Italy (Accademia Nazionale di danza))
92	NJSC "Kazakh National Academy of Choreography"	Эразмус+	Erasmus	EU program Erasmus + + KA 1 2019/22 (agreement with the University of Tartu, Estonia)
93	KazNMU named after Asfendiyarov	«Cosmetic Valley - Международное научно-внедренческое сотрудничество на косметологическом факультете»	Польша, NAWA, Польское национальное агентство по академическому обмену	The aim of the program is to develop solutions in the field of scientific, implementation and educational cooperation, carried out within the framework of international academic partnership.
94	KazNMU named after Asfendiyarov	ТУТОРИАЛ	Erasmus	Environmental and Occupational Hygiene



95	KazNMU named after Asfendiyarov	«Определение инструментов и целей экспертной оценки для медицинского (медицинского) образования (ВЕСНА)",	Erasmus	Expert evaluation of medical education programs
96	KazNMU named after Asfendiyarov	ДетиЦА Совершенствование обучения в сфере ухода за детьми в качестве образца для модернизации послевузовского медицинского образования в Центральной Азии	Erasmus	Support for modernization, professionalization and internationalization of postgraduate studies in management childcare in Central Asia, knowledge sharing and training doctors in the field of pediatrics, pediatric surgery and neuropsychiatry in children.
97	KazNMU named after Asfendiyarov	Германско-казахстанское сотрудничество в области биозащиты и биобезопасности	Германия, Институт микробиологии Бундесвера (BIM)	Study of pathogens rickettsioses, Congo Crimean hemorrhagic fever (CCHF), tick-borne encephalitis, hemorrhagic fever with renal syndrome (HFRS) in Kyzylorda, Almaty, East Kazakhstan, West Kazakhstan, Akmola regions and in Almaty.
98	KazNMU named after Asfendiyarov	Программа КазНМУ-SUNY по ВИЧ исследованиям и обучению	США, Международный фонд Фогарти Национальных институтов здоровья США	Strengthening the capacity of the teaching staff of KazNMU on the issues of conducting scientific research on HIV infection and concomitant infections, on epidemiology and biostatistics with the possibility of obtaining an MS Epidemiology degree

99	KazNMU named after Asfendiyarov	AccelEd	Erasmus	Acceleration of the development of nursing education at the Master and Doctoral levels in the higher education system of Kazakhstan
100	KazNMU named after Asfendiyarov	ГОРМОИ	Erasmus	Harmonization and Mutual Recognition of Master's Degree Programs in Occupational Health and Environment
101	KazNMU named after Asfendiyarov	LMQS	Erasmus	Professionalization of Bachelor's and Master's degrees for strategic risk management and quality of healthcare services in the framework of open distance education in Russia, Kazakhstan, Azerbaijan and Laos
102	KazNMU named after Asfendiyarov	FOR21	Erasmus	Promoting the Development of the 21st Century Physician: Teaching Patient-Centered Communication Skills
103	Abai Kazakh National Pedagogical University	Development of a system for training teachers to teach and educate schoolchildren in the context of digitalization of society	Средства вуза	Education
104	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -2	Erasmus	598661-EPP-1-2018-1-RO-EPPKA2-CBHE-JP DECIDE: Development of services for persons with disabilities

105	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -2	Erasmus	Developing trans-regional information literacy for lifelong learning and the knowledge economy
106	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -2	Erasmus	Improving the competence of sustainable waste management in universities in Russia and Kazakhstan
107	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -2	Erasmus	"Strengthening the integration of higher education and the corporate sector in accordance with the conditions of the new social environment"
108	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -2	Erasmus	Pedagogical training for engineering teachers
109	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -2	Erasmus	"Professional bachelor's and master's degrees for the development, administration, management and protection of computer networks in enterprises"

110	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -2	Erasmus	598317-EPP-1-2018-1-BG-EPPKA2-CBHE-JP SMRCITY: an innovative approach to the master's program in smart city technologies
111	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -2	Erasmus	Improving childcare education as a model for modernizing postgraduate medical education in Central Asia
112	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -2	Erasmus	"Applied Curriculum on Space Exploration and Intelligent Robotic Systems"
113	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -2	Erasmus	"Developing an Interdisciplinary Master's Program in Computational Linguistics at Universities of Central Asia"
114	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -2	Erasmus	Professionalization of bachelor's and master's degrees for strategic risk management and quality of health services in the framework of open distance education in Russia, Kazakhstan, Azerbaijan and Laos.
115	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -2	Erasmus	Developing Academic Capacity in Global Health in the Eastern Europe-Central Asia Region

116	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -2	Erasmus	New courses in Geospatial Engineering for Coastal Ecosystem Adaptation to Climate Change
117	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
118	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
119	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
120	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
121	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
122	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
123	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
124	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
125	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
126	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff

127	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
128	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
129	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
130	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
131	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
132	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
133	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
134	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
135	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
136	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
137	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff

138	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
139	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
140	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
141	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
142	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
143	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
144	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
145	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff

146	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
147	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
148	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
149	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
150	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
151	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
152	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff



153	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
154	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
155	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
156	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
157	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
158	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
159	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff

160	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
161	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
162	al-Farabi Kazakh National University	Эразмус+ Ключевое действие -1	Erasmus	Credit mobility of students and teaching staff, as well as administrative staff
163	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
164	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
165	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
166	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
167	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
168	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
169	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff

170	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
171	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
172	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
173	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
174	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
175	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
176	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
177	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
178	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
179	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
180	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
181	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff

182	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
183	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
184	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
185	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
186	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
187	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
188	al-Farabi Kazakh National University	Мевлана	Turkey	Academic mobility of students and teaching staff
189	al-Farabi Kazakh National University	Орхун	Turkey	Academic mobility of students and teaching staff
190	al-Farabi Kazakh National University	Орхун	Turkey	Academic mobility of students and teaching staff
191	al-Farabi Kazakh National University	Орхун	Turkey	Academic mobility of students and teaching staff
192	al-Farabi Kazakh National University	Орхун	Turkey	Academic mobility of students and teaching staff
193	al-Farabi Kazakh National University	Орхун	Turkey	Academic mobility of students and teaching staff

194	KazNUA	Международная кредитная мобильность внутри "Эразмус +"	Erasmus	Students' exchange
195	Abylai Khan Kazakh University of International Relations and World Languages	Внедрение Системы Обеспечения Качества Образования посредством сотрудничества Университет-Бизнес-Государство в вузах	Erasmus	Quality assurance of higher education
196	Abylai Khan Kazakh University of International Relations and World Languages	Программа развития корееведения в Центральной Азии. №. AKS -2015-OLU-225007	Korea, Academy of Korean Studies	Development of Korean Studies in Central Asia
197	Kazakh University of Economics, Finance and International Trade	Эрасмуз + Эдукас	Erasmus	Implementation of the system of quality assurance of education by the university-business government in universities
198	Karaganda State University named after academician E.A. Buketov	Переход к дуальным программам профессионального образования и обучения в области логистики, мехатроники и устойчивых энергетических технологий в Казахстане	Germany, Ministry of State of Saxony Anhalt, Federal Republic of Germany	The project aims to help establish a link between higher education institutions and enterprises, as well as train qualified specialists in the field of renewable energy, mechatronics and logistics
199	Karaganda State University named after academician E.A. Buketov	Международная кредитная мобильность	Erasmus	Development of Eurasian cooperation in the field of professional development, internationalization of education and science, development of mobility of students, teachers and researchers, creation of stable academic and scientific networks

200	Karaganda State University named after academician E.A. Buketov		Erasmus	
201	Karaganda State University named after academician E.A. Buketov		Erasmus	
202	Karaganda State University named after academician E.A. Buketov		Erasmus	
203	Karaganda State University named after academician E.A. Buketov		Erasmus	
204	Karaganda State University named after academician E.A. Buketov		Erasmus	
205	Karaganda State University named after academician E.A. Buketov		Erasmus	

206	Karaganda State University named after academician E.A. Buketov	Международный Сетевой Институт в сфере противодействия легализации (отмыванию) доходов, полученных преступным путем, и финансированию терроризма)	Russia, Ministry of Education and Science of the Russian Federation	Development of a joint training system and scientific research in the field of combating money laundering and financing of terrorism
207	Karaganda State University named after academician E.A. Buketov	Герои социального предпринимательства	Erasmus	Development of social entrepreneurship and exchange of experience between Europe, Asia and South America
208	Karaganda State University named after academician E.A. Buketov	Педагогическая подготовка преподавателей инженерного дела	Erasmus	Development of engineering education
209	Karaganda State University named after academician E.A. Buketov	Выпускники для итальянского	Italy, Sponsorship of the Embassy of Italy in the Republic of Kazakhstan	Development of the Italian language at the university
210	Karaganda State University named after academician E.A. Buketov	Внедрение дуальной системы в Казахстане	Erasmus	Strengthening the role of enterprises and regional chambers of entrepreneurs in organizing dual education
211	Kazakh-American Free University	Бритиш Консул "Креатив Спарк"	British Council	Development of creative entrepreneurship

212	Kazakh-American University	Free	Социальная адаптация молодежи в стрессовой ситуации посредством креативного творчества и арт-терапии	USA, US Embassy in Astana city	Social adaptation of youth in stressful situations through art therapy
213	Kazakh-American University	Free	Международная студенческой практики программа	USA, Northwest University, Seattle	Organization of international practice for American students at KAFU and in Ust-Kamenogorsk
214	Kazakh-American University	Free	Международная программа обмена преподавателями, стажировка докторантов	University funds	organization of international training for teachers and doctoral students of KAFU at partner universities in the USA
215	Kazakh-American University	Free	Международная программа лидерства	University funds	Training socially responsible leadership
216	Kazakh-American University	Free	Программа студенческого обмена	University funds	Student exchange, Summer Study Abroad program, academic mobility
217	Kazakh-American University	Free	Обучение английскому языку нового поколения в STEM	USA, US Embassy Unicen Grant	Teaching the next generation of English in STEM



218	Kazakh-British University	Technical	Криейтив Спарк	British Council	Creation of a hub on the basis of KBTU to train students and creative entrepreneurs in business skills, development of VR and multimedia tools for creating unique products and commercialization. Total period 5 years.
219	Kazakh-British University	Technical	Шандонг ОБОР	Китай, Компания Shandong OBOR	Creation of sites for startups, student exchange, teaching staff, exchange of scientific knowledge, creation of laboratories.
220	Kazakh-British University	Technical	Мы Алматы	Erasmus	The goal of the project is to help the city of Almaty to implement the development program until 2020 in the field of culture, business and the formation of a “smart city” and “city of active citizens” through the directed development of civil society. The project will help build the capacity of public organizations and local authorities so that they have the necessary skills and opportunities to involve citizens in the development of the economy of Almaty and support social entrepreneurship in order to solve urban planning and social problems. The project plans to train six trainers who

				will be able to train other people and provide them with mentoring and ongoing organizational support during the project.
221	Kazakhstan Innovation Academy	Международный проект подготовки учителей SCILLA, финансируемого американским правительством под руководством Мичиганского государственного университета (США)	USA, Michigan State University	SCILLA international teacher training project
222	NJSC "KIMEP University"	Новые рынки	Erasmus	The project consists of 3 stages. The first is to review the policy measures taken in recent years (2008-2018) to liberalize markets in targeted post-Soviet countries such as Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan and Uzbekistan. The researchers will look at the main mechanisms and policies adopted in these six countries to assess how they have impacted the business environment. The second stage consists of conducting an empirical assessment of measures to improve the business climate in the target countries. The third phase will build on the results of the second phase, researchers will map out challenges and opportunities in the region, comparing macro and micro perspectives, and also compare the actions

				taken by the government with the results achieved.
223	NJSC "Karaganda Industrial University"	Международная кредитная мобильность - проекты по мобильности для студентов и сотрудников вузов в рамках Ключевого Действия 1: Учебная мобильность программы Erasmus+	Erasmus	Mobility
224	NJSC "Karaganda Industrial University"	Стимулирование продуктивных инноваций	International Bank for Reconstruction and Development	Capacity building and institutional strengthening
225	Kostanay Engineering and Economic University named after M. Dulatov	Трансформация опыта менеджмента агробизнеса Европейского Союза в Казахстан и страны Центральной Азии	Erasmus	Introduction of a new official curriculum for undergraduate students and others
226	Kostanay Engineering and Economic University named after M. Dulatov	Дуальное образование для промышленной автоматизации и робототехники в Казахстане / DIARKAZ	Erasmus	Development, implementation, testing and validation of a bachelor's program in the field of industrial automation and robotics with the introduction of dual education at three universities in Kazakhstan: Kostanay University of Engineering and Economics named after M. Dulatov, Innovative Eurasian University of Pavlodar and West Kazakhstan

				Agrarian-Technological University named after Zhangir Khan.
227	Kostanay Engineering and Economic University named after M. Dulatov	Создание интеллектуальной образовательной экосистемы в Костанае	Self-financing	Providing educational institutions with telecommunication and information services, such as high-speed Internet, a platform for organizing distance learning, video conferencing, IP-telephony, connecting to the electronic library of universities and educational resources, network management and monitoring.
228	Kurmangazy Kazakh National Conservatory	Евразийское научно-исследовательское сообщество в области музыки и исполнительства	Norway, Government of Norway	The long-term goal of the project is to promote the renewal and internationalization of higher education in the partner countries in the field of music and art. Attracting music schools from Azerbaijan, Georgia and Kazakhstan to qualify for the new performing Phd program of the Faculty of Arts, Music and Design at the University of Bergen, consultations for a doctoral scholarship from the Norwegian Performing Research Program (NARP), and training students and undergraduates in the academic mobility.

229	Kurmangazy Kazakh National Conservatory	Консерватория музыки ВИГО	Erasmus	Erasmus + aims to promote the modernization and sustainable development of the education system, vocational training, youth policy and sports, and also provides financial opportunities for cooperation in all these areas.
230	Kurmangazy Kazakh National Conservatory	Академия музыки имени Кароля Липинского во Вроцлаве	Erasmus	Erasmus+ aims to promote the modernization and sustainable development of the education system, vocational training, youth policy and sports, and also provides financial opportunities for cooperation in all these areas.
231	Kurmangazy Kazakh National Conservatory	Академия музыки в Кракове	Erasmus	Erasmus+ aims to promote the modernization and sustainable development of the education system, vocational training, youth policy and sports, and also provides financial opportunities for cooperation in all these areas.

232	EE "Caspian Public University"	Международный проект "Яблоня Сиверса - Malus sieversii (ledeb.) M.Roem. Глобальная стратегия сохранения"	Self-financing	Research on the maintenance of the wild apple forests of Malus sieversii in a sustainable natural state and the search for ways (at the national and international levels) for the conservation and rational use of the unique genetic resources of the apple tree Sievers
233	Kostanay Regional University named after A. Baitursynov	Активизация компетенций студентов ИКТ-специальностей по развитию стартапов с помощью междисциплинарных модульных курсов в образовательных программах вузов	Erasmus	Student startups, ICT
234	Kostanay Regional University named after A. Baitursynov	Создание учебных и исследовательских центров и разработка курсов по интеллектуальному анализу больших данных в Центральной Азии	Erasmus	Big data technologies
235	Kostanay Regional University named after A. Baitursynov	Совершенствование послевузовского образования в сфере сельского хозяйства и агросистем будущего	Erasmus	Educational modules in sustainable agriculture for doctoral studies
236	Kostanay Regional University named after A. Baitursynov	Развитие услуг для лиц с ограниченными возможностями	Erasmus	Educational modules for educators working with people with disabilities
237	Kostanay Regional University named after A. Baitursynov	Разработка междисциплинарной магистерской программы по вычислительной лингвистике в Центрально-Азиатских университетах	Erasmus	Computational linguistics, ICT

238	Kostanay Regional University named after A. Baitursynov	Университеты Казахстана за совершенствование процессов обеспечения качества в обучении с использованием новых технологий	Erasmus	Universities of Kazakhstan for improving quality assurance processes in teaching using new technologies
239	Kostanay Regional University named after A. Baitursynov	Инновации по устойчивому использованию ресурсов для сельского хозяйства и адаптации к климатическим условиям в сухих степях Казахстана и юга Западной Сибири.	Germany, The use of the BMBF subsidy is the responsibility of the German participants of the Parties	Innovations for the sustainable use of resources for agriculture and adaptation to climatic conditions in the dry steppes of Kazakhstan and southern Western Siberia.
240	Kazakh-Russian International University	Программа партнерств вузов РК и Великобритании "Creative Spark" Британского Совета в странах Центральной Азии	British Council	Studying entrepreneurship in universities and stimulating the development of the student start-up movement
241	NUO "Kazakh-Russian Medical University"		Erasmus	Development of a distance learning program for medical specialties
242	NUO "Kazakh-Russian Medical University"	Международная академическая мобильность	Erasmus	Medical disciplines of the faculty "Nursing"
243	NUO "Kazakh-Russian Medical University"	Эффективные меры реагирования на лекарственно-устойчивый туберкулез в Казахстане	Office for Europe, The Global Fund to Fight AIDS, Tuberculosis and Malaria	

244	Kostanay Social and Technical University named after academician Z.Aldamzhar	Упрощение налогового документооборота между налогоплательщиками Российской Федерации и Республики Казахстан	Self-financing	Simplification of tax document flow between taxpayers of the Russian Federation and the Republic of Kazakhstan
245	Kyzylorda State Korkyt Ata University	Магдебургский университет имени Отто-фон-Герике, Германия Трансферт профессионального обучения по логистике, мехатронике и устойчивому энергоснабжению Казахстана	Germany, Government Германии	Transfer of vocational training in logistics, mechatronics and sustainable energy supply in Kazakhstan
246	Kyzylorda State Korkyt Ata University	Формирование и урбанизация государства Nomad на северном Шелковом пути: Ранний средневековый город Джанкент (регион Аральского моря, Казахстан)	Germany, Eberhard and Karl University of Tübingen	Formation and Urbanization of the Nomad State on the Northern Silk Road: The Early Medieval City of Jankent (Aral Sea region, Kazakhstan)
247	Kyzylorda State Korkyt Ata University	Эразмус+ Европейского Союза «Передовой центр для докторантов и молодых исследователей в области информатики»	Erasmus	"A leading center for doctoral students and young researchers in the field of informatics"
248	Kyzylorda State Korkyt Ata University	«Горизонт-2020» «Иновационные водорастворимые фитоматериалы - ингибиторы для профилактики болезней Альцгеймера и Паркинсона»	Horison	"Innovative water-soluble phytomaterials - inhibitors for the prevention of Alzheimer's and Parkinson's"



249	A. Myrzakhmetov Kokshetau University	АКАДЕМИКА	Erasmus	Accessibility and harmonization of higher education in Central Asia through modernization and development of curricula
250	A. Myrzakhmetov Kokshetau University	ЛМПИ	Erasmus	Bachelor's and professional master's program in the development, administration, management and protection of computer systems and networks at enterprises in Moldova, Kazakhstan and Vietnam.
251	A. Myrzakhmetov Kokshetau University	КУТЕЛ	Erasmus	Universities of Kazakhstan for improving quality assurance processes in teaching using advanced technologies
252	NJSC Kokshetau University named after Sh.Ualikhanov	НОВЫЕ И ИННОВАЦИОННЫЕ КУРСЫ ПО ТОЧНОМУ ЗЕМЛЕДЕЛИЮ (NiCoPA)	Erasmus	Agriculture
253	NJSC Kokshetau University named after Sh.Ualikhanov	УНИВЕРСИТЕТЫ КАЗАХСТАНА ЗА СОВЕРШЕНСТВОВАНИЕ ПРОЦЕССОВ ОБЕСПЕЧЕНИЯ КАЧЕСТВА В ОБУЧЕНИИ С ИСПОЛЬЗОВАНИЕМ НОВЫХ ТЕХНОЛОГИЙ (KUTEL)	Erasmus	Quality Assurance
254	NJSC Kokshetau University named after Sh.Ualikhanov	Повышение компетентности в устойчивом управлении отходами в вузах России и Казахстана EduEnvi	Erasmus	Waste management

255	NJSC Kokshetau University named after Sh.Ualikhanov	Развитие сотрудничества между КГУ им.Ш.Уалиханова и Университетом Небраски путем совершенствования преподавания английского языка и STEM	США, UNICEN, Central Asian University Partnership Program	Improvement of English language skills, development of teaching methods, STEM - technologies
256	NJSC Kokshetau University named after Sh.Ualikhanov	Программа малых грантов Access	USA	English language training
257	International Humanitarian - Technical University	Минералого - геохимические особенности золошлаковых отходов ТЭС и их утилизация с выделениям макро и микро элементов	Self-financing	Mineralogo - geochemical features of ash and slag waste from TPPs and their utilization with the release of macro and micro elements
258	International Humanitarian - Technical University	Модуль Джина Monnet Учатся и осуществляя опыт Европейских стран образовательной системы Казахстана	Erasmus	Implementing the experience of the European countries of the educational system of Kazakhstan
259	Miras University	О сотрудничестве в области образовательной и научной деятельности	Self-financing	Application of scientific projects, research, developments in the educational process of the university and methods in the preparation of future specialists.
260	Miras University	О сотрудничестве в области образовательной и научной деятельности	Self-financing	Application of scientific projects, research, developments in the educational process of the university and methods in the preparation of future specialists.

261	Miras University	О проведении зарубежной научной стажировки магистрантов	Self-financing	Foreign internship to improve the quality of training of teaching staff for the designated direction.
262	Miras University	На выполнение научно-исследовательских работ	Self-financing	International educational research. The purpose of which is to review the most ambitious research international educational projects in the field of education and science.
263	Miras University	О проведении зарубежной научной стажировки магистрантов	Self-financing	Conducting foreign scientific internships in the preparation of undergraduates for work in the field of education and science.
264	Miras University	О сотрудничестве в области образовательной и научной деятельности	Self-financing	Application of scientific projects, research, developments in the educational process of the university and methods in the preparation of future specialists
265	Miras University	Договор о сотрудничестве	Self-financing	Education aimed at the formation of cognitive motivation, which determines the attitude towards continuing education, gaining experience of productive and creative activity.

266	Miras University	Договор о сотрудничестве в сфере научно - исследовательской деятельности между университетом Мирас РК и международным институтом солнечной энергии республики Узбекистан	Self-financing	Application of scientific projects, research, developments in the educational process of the university and methods in the preparation of future specialists
267	Miras University	Соглашение об академической мобильности обучающихся между Университетом Мирас и Университетом менеджмента Варны	Self-financing	Improving the quality of education and the effectiveness of scientific research, establishing external and internal integration ties and using the world's educational resources, ensuring the competitiveness of students in the domestic and international labor market.
268	Miras University	Соглашение о взаимном сотрудничестве по программе двойных дипломов бакалавриата и магистратуры между международным университетом туризма "Шелковый путь" Узбекистан	Self-financing	The opportunity to fully immerse yourself in the life of foreign countries, deepen your knowledge of foreign languages and gain international experience.
269	Miras University	Договор о сотрудничестве в области образовательной и научной деятельности	Self-financing	Application of scientific projects, research, developments in the educational process of the university and methods in the preparation of future specialists
270	Miras University	Договор о сотрудничестве в области образовательной и научной деятельности	Self-financing	Application of scientific projects, research, developments in the educational process of the university and methods in the preparation of future specialists

271	H.A. Yasawi International Kazakh-Turkish University	Международная кредитная мобильность	Erasmus	Practice, exchange of students and teaching staff
272	LLP "International Educational Corporation"	Международный Фестиваль Архитектурно-Строительных и Дизайнерских Школ Евразии	University funds	The basis for the demonstration of the best graduation works of students and undergraduates and an open, dynamic platform for the exchange of experience and ideas for further development in the architectural, construction and design fields, the promotion of their scientific projects and the conclusion of cooperation agreements.
273	LLP "International Educational Corporation"	Эразмус +	Erasmus	Short-term study or internship in Europe, as a result of which academic credits are recalculated
274	LLP "International Educational Corporation"	Межрегиональная общественная организация содействия архитектурному образованию	University funds	Competition
275	LLP "International Educational Corporation"	«Национальное объединение саморегулируемых организаций, основанных на членстве лиц, выполняющих инженерные изыскания, саморегулируемых организаций, основанных на членстве лиц, осуществляющих подготовку проектной документации»	Self-financing	Competition

276	NJSC "Astana Medical University"	Medical	Развитие инновационного потенциала высшего образования в области сестринского дела через реформирование системы здравоохранения (ProInCa)"	Erasmus	Development of nursing in medical universities in Kazakhstan
277	NJSC "Astana Medical University"	Medical	(TRUNAK) «Переход к университетской автономии в Казахстане»	Erasmus	University autonomy
278	NJSC "Astana Medical University"	Medical	Методика и программное обеспечение определения характерного акустического паттерна кашля для больных COVID-19	Russia, LLC "CARDIO MARKER", Moscow	Studies of acoustic characteristics of cough in patients with COVID-19
279	NJSC "Astana Medical University"	Medical	Изучение динамики окружающей среды с использованием малых доз радионуклидов в окружающей среде	Japan, University of Tsukuba (Japan)	-
280	NJSC "Astana Medical University"	Medical	Выявление и характеристика молекулярной основы нейродегенеративных заболеваний и синаптопатий в Казахстане	UK, University College London	-
281	NJSC "Astana Medical University"	Medical	Применение технологии секвенирования последующего поколения в большой когортной группе, страдающей необъяснимой пояснично-конечностной мышечной слабостью: MYO-SEQ project	Великобритания, Университет Ньюкасл-апон-Тайн	Pediatric neurology
282	NJSC "Astana Medical University"	Medical	Оценка эффективности экспресс-тестов для диагностики SARS-CoV-2	Германия, самофинансирование, (Германия)	Express test

283	JSC "IITU"	«Университеты Казахстана за совершенствование процессов обеспечения качества в обучении с использованием новых технологий»	Erasmus	Improve the quality and relevance of technology-assisted learning (TeL) in Kazakhstani higher education institutions
284	JSC "IITU"	Создание учебных и исследовательских центров и разработка курсов по интеллектуальному анализу больших данных в ЦА. Номер проекта 610170-EPP-1-2019-1-ES-EPPKA2-CBHE-JP	Erasmus	Creation of research centers and courses on Big Data Mining
285	JSC "IITU"	Создание системы взаимодействия СПО и ВПО, отвечающей принципам Болонского процесса, на основе повышения потенциала преподавателей СПО. 609952-EPP-1-2019-1-RS-EPPKA2-CBHE-JP	Erasmus	Promote the implementation of the Bologna Process instruments through the creation of an alliance of higher and secondary vocational education
286	Karaganda Medical University		USA, customer funds SMART International Health Management Associates	Studies to assess the sensitivity of opportunistic microorganisms to antimicrobial drugs
287	Karaganda Medical University	TUTORIAL - "Укрепление сети по образованию, исследованиям и инновациям в области гигиены окружающей среды и здоровья в Азии"	Erasmus	Strengthening the network for education, research and innovation in environmental health and health in Asia

288	Karaganda Medical University	ProInCa - «Содействие инновационному потенциалу высшего образования в области сестринского дела во время перехода на медицинские услуги».	Erasmus	Development of innovative potential of higher education in the field of nursing through the reform of the health care system within the framework of the transfer of health services
289	Karaganda Medical University	TRUNAK - «Переход к университетской автономии в Казахстане»	Erasmus	Creation of a model for the transition of Kazakhstan universities from the traditional form of management to autonomous management
290	Karaganda Medical University	SPRING - "Определение инструментов и целей экспертной оценки в медицинском образовании"	Erasmus	Defining the tools and objectives of peer review in medical education
291	Karaganda Medical University	"Обучение врачей, расширение возможностей пациентов, фибрилляция предсердия и венозная тромбоэмболия"	USA, Research and Training Agreement commissioned by PFIZER	Physician education, patient empowerment, atrial fibrillation and venous thromboembolism
292	NJSC "Semey Medical University"	«Рандомизированные плацебо контролируемые исследования безопасности, терапевтической эффективности оральной формы лекарственного средства ФС-1 при резистентных формах туберкулеза легких»	Russia, LLP "Abbvie"	
293	NJSC "Semey Medical University"	«Клиническое исследование лекарственного препарата для медицинского применения АВТ-494 с ООО «ЭббВи»	Russia, LLP "Abbvie"	



294	NJSC "Semey Medical University"	Укрепление образования, научных исследований и инноваций в области охраны окружающей среды в Азии Tutorial	Erasmus	
295	NJSC "Semey Medical University"	Содействие инновационному потенциалу высшего образования в области сестринского дела во время перехода на медицинские услуги ProInCa	Erasmus	
296	NJSC "Semey Medical University"	Методологическое содействие в совершенствовании системы подготовки конкурентоспособных специалистов в области ядерной медицины и парамедицины	The World Bank	
297	Pavlodar Pedagogical University	Стратегическое партнерство для агро-предпринимательства и экоинновации, AgriEco	Erasmus	Entrepreneurship
298	NJSC "Toraigyrov University"	Усовершенствование университетского преподавания по теплоэнергетическим системам для более чистой среды с параллельными улучшениями в развитии навыков PhD	Erasmus	Deep modernization of individual modules of the existing curriculum for bachelor's and master's degrees, improving the quality of teaching and learning, including improving existing and applying new educational tools, methodologies and pedagogical approaches, including modernizing learning outcomes and ICT-based methods, introducing virtual mobility for students and internship in companies

299	NJSC "Toraigrov University"	Интернационализация магистерских программ в сфере сельского хозяйства через преподавание на английском языке	Erasmus	A new model for the internationalization of master's programs, the introduction of English as the language of instruction, and the introduction of a blended learning format.
300	NJSC "Toraigrov University"	Разработка инструментария молодого исследователя на основе современных средств обучения	Russia, Contract No. ЕП-301/2020 for the performance of research work	Development of tools for a young researcher, providing an increase in the efficiency of scientific research, with the possibility of its development on the basis of distance learning technologies implemented at the university
301	NJSC "Toraigrov University"	Стимулирование инновационных подходов и предпринимательских навыков студентов через создание условий для трудоустройства выпускников в Центральной Азии – TRIGGER	Erasmus	Support of universities for future challenges, especially related to the entrepreneurial and innovative nature of the higher education environment; strengthening entrepreneurship education and entrepreneurial skills development in HEIs in partner countries; create / improve career opportunities, employment opportunities and corporate services at universities in partner countries; strengthening relations between universities and the broader economic and social environment.

302	Suleiman Demirel University	Создание системы взаимодействия СПО и ВПО, отвечающей принципам Болонского процесса, на основе повышения потенциала преподавателей СПО	Erasmus	Promote the implementation of the Bologna process through the creation of a system of interaction between secondary vocational and higher education based on the principles of transparency and comparability of national and international educational standards and teaching and learning tools.
303	Suleiman Demirel University	«Передовой центр для докторантов PhD и молодых исследователей в области информатики – ACeSYRI»	Erasmus	Within the framework of the project, a portal and a Center for promoting cooperation between doctoral students, young researchers and teachers of universities in Kazakhstan will be created. The ACeSYRI portal will allow participants to create research groups, collaborate with scientific partners from abroad, and exchange information and project results. The use of the ACeSYRI portal will be free and accessible to students and young researchers from universities and companies from the partner countries of the European Union.
304	NJSC "North Kazakhstan University named after Manash Kozybayev"	Переход к университетской автономии в Казахстане	Erasmus	University autonomy in Kazakhstan

305	NJSC "North Kazakhstan University named after Manash Kozybayev"	Новые и инновационные программы по точному земледелию	Erasmus	New and innovative courses for precision agriculture
306	NJSC "North Kazakhstan University named after Manash Kozybayev"	Развитие навыков и подготовка учителей для лидерства	Erasmus	Competencies required for another group of local leaders by analyzing the needs of the local community
307	NJSC "North Kazakhstan University named after Manash Kozybayev"	Передовой центр для докторантов и молодых исследователей в области информатики	Erasmus	Advanced Center for Graduate Students and Young Researchers in Computer Science
308	Taraz Regional University named after M.Kh. Dulati	Эрасмус+	Erasmus	"Enhancing innovative competencies and entrepreneurial skills in engineering education"
309	Taraz Regional University named after M.Kh. Dulati	Эрасмус+	Erasmus	"Lifelong Learning for Sustainable Development"
310	Taraz Regional University named after M.Kh. Dulati	Эрасмус+	Erasmus	"Bachelor's and professional master's degrees for the development, administration, management and protection of computer networks in enterprises"
311	Turan University	Глобальное исследование предпринимательского духа студентов	Self-financing	Longitudinal study of active and potential entrepreneurs in the student environment, the work of universities to create an entrepreneurial climate

312	Turan University	Казахстанское представительство ассоциации Тройной спирали	Self-financing	Strengthening interaction between the main stakeholders of the national innovation system: business-state-university
313	Turan Astana University	монография научный проект №. 18-010-00960	Russia, Russian Foundation for Basic Research	Monitoring the development of small and medium-sized manufacturing enterprises in Russia
314	Turan Astana University	Вестник КазУМФТ №.1, 2020 (ККСОН)	Turkey, Republic of Turkey co-financing with T. Medeni TD Medeni,	Statistical dependence of nominal income on socio-economic factors

315	NJSC "University named after Shakarim of Semey city"	Трансфер Дуальных тренингов по логистике, мехатронике, и устойчивой энергии в Казахстане (GeKaVoc)	Germany, German Ministry of Education and Science, Otto von Henricke University of Magdeburg	Analysis of the situation in the field of education in the areas of mechatronics and sustainable energy in Kazakhstan (regional and country needs); Development of educational programs and curricula in logistics, mechatronics, G7 and sustainable energy in Kazakhstan; Training of trainers for training teachers in the specified programs; Creation of the GeKaVoc center; Development of cooperation between enterprises and educational institutions, creation of a network of regional cooperation.
316	University of International Business	Развитие предпринимательства в Европейском Союзе: интегрированный рынок для лучшего бизнеса (Жан Моне)	Erasmus	"Enterprise Development in the European Union: An Integrated Market for Business"
317	University of International Business	Диверсификация энергоснабжения ЕС: вызовы и возможности для Центральной Азии (Жан Моне)	Erasmus	"Diversification of Energy Supply in the European Union: Challenges and Opportunities for Central Asia"
318	University of International Business	Развитие навыков и подготовка учителей для лидерства	Erasmus	Leadership development and teacher training for social leadership

319	SKSPU	Универсальный модуль для электромагнитной стимуляции продуктов обмолота зерноуборочном комбайном	Germany, Manufacturing plant in Germany	Technology of primary processing of agricultural crops
320	SKSPU	Наращивание потенциала для устойчивого управления отходами в университетах России и Казахстана	Erasmus	Waste management
321	SKSPU	Языковое сознание народов Евразии в аспекте их этнокультурного взаимодействия	Russia, Institute of Linguistics RAS, Moscow	Linguistics
322	SKSPU	Государство Кангюй: исследование памятников археологии Южного Казахстана II века до - IV века н.э. (в городище Культобе, могильники Культобе и Кылышжар).	Russia, South-Russian Branch of RAS, Volgograd	Archeology

**International activities of universities in Kazakhstan**  
**List of Kazakhstan universities implementing joined educational programs**

No.	Name of HEI	Number of JEPs	Number of students
<b>National HEIs</b>			
1	al-Farabi Kazakh National University	6	24
2	Eurasian National University named after L.N. Gumilyov	4	54
3	Abay Kazakh National Pedagogical University	8	313
4	Kazakh National Agrarian Research University	1	20
5	Kazakh National Technical University named after K.I.Satpayev	1	3
6	S. Asfendiyarov Kazakh National Medical University	3	28
<b>State HEI NJSC</b>			
7	H.Dosmukhamedov Atyrau University	1	2
8	East Kazakhstan State Technical University named after D. Serikbaev	10	90
9	East Kazakhstan University named after Sarsen Amanzholov	2	3
10	Zhetysu University named after I. Zhansugurov	4	6



11	West Kazakhstan Medical University named after Marat Ospanov	1	42
12	Karaganda Technical University	1	7
13	Karaganda University named after academician E.A. Buketova	17	33
14	Kostanay Regional University named after A. Baitursynov	2	4
15	Kyzylorda University named after Korkyt Ata	3	9
16	Taraz Regional University named after M.Kh. Dulati	4	16
17	South Kazakhstan University named after M.O. Auezov	1	7
<b>JS HEIs</b>			
18	Almaty University of Energy and Communications	1	56
19	Kazakh Academy of Transport and Communications named after M. Tynyshpayev	1	21
20	Kazakh Agro Technical University named after S. Seifullin	4	143
21	Abylai Khan Kazakh University of International Relations and World Languages	3	18
22	Kazakh-British Technical University	1	84
<b>Private HEIs</b>			
23	Ekibastuz Engineering and Technical Institute named after academician K.I. Satpayev	9	312
24	Innovative Eurasian University	2	5
25	Kazakh Humanitarian Law Innovative University	4	109
26	Karaganda Economic University of Kazpotrebsoyuz	1	1
27	Turan-Astana University	1	5
28	Almaty University	9	352
<b>International HEI</b>			

29	International Kazakh-Turkish University named after H.A. Yasawi	1	2
	<b>Total</b>	<b>108</b>	<b>1824</b>

**List of universities in Kazakhstan that took part in monitoring the development  
of the social aspect of higher education  
(access to education, inclusiveness)**

No.	Name of HEI	Information about the contingent of inclusive education	Physical access infrastructure information	Information on the types of support for students with disabilities and from socially vulnerable groups
National HEIs				
1.	L.N.Gumilyov Eurasian National University	+	+	+
2.	Kazakh National Academy of Arts named after T. Zhurgenov	+	+	+
3.	Kazakh National Academy of Choreography	-	+	+
4.	Kazakh National Conservatory named after Kurmangazy	+	+	+
5.	Kazakh National Agrarian University	+	+	+
6.	Kazakh National Women's Pedagogical University	+	+	+
7.	National Medical University named after S.D. Asfendiyarov	+	+	+

8.	Abay Kazakh National Pedagogical University	+	+	+
9.	K.I.Satpaev Kazakh National Technical University	+	+	+
10.	Al-Farabi Kazakh National University	+	+	+
11.	Kazakh National University of Arts	+	+	+
State HEIs NJSC				
12.	Aktobe State Regional University named after K. Zhubanov	-	+	-
13.	Arkalyk State Pedagogical Institute named after Y. Altynsarin	+	+	+
14.	Kh.Dosmukhamedov Atyrau University	+	+	+
15.	Atyrau University of Oil and Gas	+	-	+
16.	East Kazakhstan Technical University named after D. Serikbayev	+	+	-
17.	S. Amanzholov East Kazakhstan University	+	+	+
18.	Zhetysu University named after I. Zhansugurov	-	-	-
19.	West Kazakhstan Agrarian Technical University named after Zhangir Khan	+	+	+

20.	Ospanov West Kazakhstan Medical University	+	+	+
21.	M.Utemisov West Kazakhstan University	+	+	+
22.	Karaganda Industrial University	+	+	+
23.	Karaganda Technical University	+	+	+
24.	Karaganda University named after E.A. Buketov	+	+	+
25.	Caspian University of Technology and Engineering named after Sh.Esenov	+	-	+
26.	Kokshetau University named after Sh.Ualikhanov	+	+	+
27.	Kostanay University named after A. Baitursynov	+	-	+
28.	Kyzylorda University named after Korkyt Ata	+	+	+
29.	Semey Medical University	+	-	-
30.	Karaganda Medical University	+	+	+
31.	Pavlodar Pedagogical University	+	+	+
32.	Rudny Industrial Institute	+	+	+
33.	North Kazakhstan University named after M. Kozybayev	+	+	+

34.	Taraz Regional University named after M.H. Dulati	+	+	+
35.	Toraighyrov University	+	+	+
36.	University named after Shakarim of Semey city	+	+	+
37.	South Kazakhstan State Pedagogical University	+	+	+
38.	Auezov South Kazakhstan University	+	+	+
JSC HEIs				
39.	Civil Aviation Academy	-	-	+
40.	Almaty Technological University	+	+	+
41.	Almaty University of Energy and Communications	+	+	+
42.	Zhezkazgan University O. A. Baikonurova	-	+	+
43.	Kazakh Academy of Sports and Tourism	+	+	+
44.	Tynyshpayev Kazakh Academy of Transport and Communications	+	+	+
45.	Kazakh Agro Technical University named after S. Seifullin	+	+	+
46.	Kazakh Medical University of Continuing Education	-	-	-

47.	Abylai Khan Kazakh University of International Relations and World Languages	+	+	+
48.	Kazakh University of Technology and Business	-	+	+
49.	Kazakh-British Technical University	+	+	+
50.	Medical University "Astana"	+	-	+
51.	International Education Corporation	+	+	+
52.	International University of Information Technology	+	+	+
53.	M.S. Narikbaev KAZGUU University	+	+	+
54.	KIMEP University	-	-	-
55.	Narxoz University	+	+	+
56.	Financial Academy	+	+	+
57.	South Kazakhstan Medical Academy	+	+	+
Private HEIs				
58.	Bolashak Academy	+	-	-
59.	Academy "Kainar"	-	+	+
60.	Aktau Humanitarian and Technical University	-	-	+
61.	Almaty Academy of Economics and Statistics	+	+	+
62.	Almaty Management University	+	+	+
63.	Astana IT University	+	+	+

64.	Atyrau Engineering and Humanitarian Institute	+	-	+
65.	Baishev University	+	+	+
66.	Humanitarian and Technical Academy	+	+	+
67.	Humanitarian and Technical Institute "Akmeshit"	-	+	-
68.	Eurasian Law Academy named after D.A. Kunaeva	-	-	-
69.	Eurasian Humanities Institute	+	+	+
70.	Eurasian Technological University	-	+	-
71.	Egyptian University of Islamic Culture "Nur-Mubarak"	+	-	+
72.	Ekibastuz Engineering and Technical Institute named after academician K.I. Satpayev	+	+	+
73.	West Kazakhstan Innovation and Technological University	+	-	-
74.	Innovative Eurasian University	+	-	+
75.	Kazakh Automobile and Highway Academy named after L.B. Goncharova	-	+	+
76.	Kazakh Academy of Labor and Social Relations	-	+	+



77.	Kazakh Humanitarian Law Innovative University	+	+	-
78.	Kazakh University of Railways	-	+	+
79.	Kazakh University of Economics, Finance and International Trade	+	+	+
80.	Kazakh-Russian International University	-	-	-
81.	Kazakhstan Innovation Academy	-	-	-
82.	Kazakhstan Engineering and Pedagogical University of Friendship of Peoples	-	-	-
83.	Kazakhstan Engineering and Technological University	+	+	+
84.	Kazakhstan Medical University "Higher School of Public Health"	-	+	+
85.	Kazakhstan University of Innovation and Telecommunication Systems	-	-	-
86.	Kazakh American Free University	+	+	+
87.	Kazakh-German University	+	-	+
88.	Kazakh-Russian Medical University	-	+	-
89.	Karaganda Economic University of Kazpotrebsoyuz	+	+	+
90.	Caspian Public University	+	+	+

91.	Kokshetau University named after Abay Myrzakhmetov	+	+	+
92.	Kostanay Engineering and Economic University named after M. Dulatov	+	+	+
93.	Kostanay Social and Technical University named after Academician Zulkarnay Aldamzhar	+	+	+
94.	International Humanitarian and Technical University	-	-	-
95.	International University "Astana"	-	-	-
96.	SILKWAY International University	-	-	-
97.	International University of Tourism and Hospitality	-	+	+
98.	Taraz Innovation-Humanitarian University	-	+	+
99.	Astana University	+	+	-
100.	Bolashak University	+	+	+
101.	Syrdaria University	+	+	-
102.	Turan University	+	+	+
103.	Turan-Astana University	+	-	+
104.	Almaty University	+	+	-
105.	Suleiman Demirel University	+	+	-
106.	University of Foreign Languages and Business Career	-	-	-

107	University of International Business	+	+	+
108	Miras University	+	+	+
109	Central Asian University	-	-	-
110	Central Kazakhstan Academy	-	+	-
111	Shymkent University	-	+	-
112	Institute named after M. Saparbayev	+	+	+
International HEI				
113	International Kazakh-Turkish University named after H.A. Yasavi	-	+	-

## MOOCs by university and language of instruction in 2020

№.	Name of HEI	Name of MOOC		
		In Kazakh	In Russian	In English
<b>National HEIs</b>				
1	Eurasian National University. L.N. Gumilyov	1. Инженерлік механика 2. Техникалық термодинамика 3. Сыртқы орта факторларына 4. Математикалық анализ 1 5. Өндірістік экология 6. Жүйелік экология негіздері және ГАЖ 7. Қазақстанның қазіргі заман тарихы 8. Рухани жаңғыру 9. Қазақстанның физикалық географиясы 10. Математика 11. Саясаттану	1. Экономическая составляющая современных международных конфликтов 2. Баллистика 3. Промышленная экология 4. Тюркология 5. Объектно-ориентированное программирование на Java 6. История Казахстана в зарубежной историографии XIX-XX веков 7. Теория брендинга и PR в туризме 8. Происхождение и эволюция биосферы 9. Язык письменных памятников 10. Теория баз данных 11. Предпринимательство и бизнес 12. Современное состояние технического регулирования в странах Евросоюза 13. Методика преподавания информатики 14. Современная история Казахстана 15. Нормативно-правовая документация в строительстве 16. Введение в социальную психологию	1. Database theory 2. Vegetative and endocrine mechanisms of adaptation 3. Ecology and mechanism of adaptation to the environment 4. Des relations internationales (niveau A2 - B1) 5. Oratory 6. Teaching knowledge testing 7. Global ecology

		<ul style="list-style-type: none"> <li>17. Вегетативные и эдокринные механизмы адаптаций</li> <li>18. Теория вероятностей и математическая статистика</li> <li>19. Политология</li> <li>20. Психология</li> <li>21. Социология</li> </ul>		
2	al-Farabi Kazakh National University	<ul style="list-style-type: none"> <li>1. Аналитикалық химия</li> <li>2. Бейорганикалық химияның таңдамалы мәселелері</li> <li>3. Физикалық химия</li> <li>4. Ағылшын тілі</li> <li>5. Биотехнология негіздері: жоғарғы және төменгі сатыдағы өсімдіктер биотехнологиясы</li> <li>6. Жоғары мектеп педагогикасы</li> <li>7. Психология</li> <li>8. Радиожурналистика</li> <li>9. Саясаттану</li> <li>10. Математикалық талдау 1</li> <li>11. Математикалық талдау 2</li> <li>12. Философия</li> <li>13. Әл-Фараби және қазіргі заман</li> </ul>	<ul style="list-style-type: none"> <li>1. Математический анализ 2</li> <li>2. Обучайся дистанционно!</li> <li>3. Обучай дистанционно</li> <li>4. Механика</li> <li>5. Физические задачи с доцентом В. Кашкаровым</li> <li>6. Математический анализ 1</li> <li>7. Конституционное право Республики Казахстан</li> <li>8. Правоохранительные органы Республики Казахстан</li> <li>9. Теория вероятностей</li> <li>10. Повторное использование отходов</li> </ul>	<ul style="list-style-type: none"> <li>1. Information and Communication Technologies Ақпараттық және коммуникациялық технологиялар</li> <li>Информационно-коммуникационные технологии</li> <li>2. Study by distance!</li> </ul>

	<p>14. Әлем халықтарының этнографиясы</p> <p>15. Қазақстанның қазіргі заман тарихы</p> <p>16. Қашықтықтан оқыту</p> <p>17. Қашықтықтан оқып үйрен!</p> <p>18. Әлеуметтану</p>			
3	Satpayev University	<p>1. Геология негіздері</p> <p>2. Жер асты тау-кен жұмыстарының технологиясы және кешенді механизациясы (Технология и комплексная механизация подземных горных работ )</p> <p>3. ЖЕРАСТЫ КЕН ҚАЗУ ЖҰМЫСТАРЫНЫҢ ПРОЦЕСТЕРІ (Процессы подземных горных работ )</p> <p>4. Математика II(КАЗ)</p> <p>5. Математика III(КАЗ)</p> <p>6. Мұнай және газ негіздері</p> <p>7. Сұйықтық және газ механикасы</p>	<p>1. Введение в финансы</p> <p>2. Возобновляемая энергетика</p> <p>3. Геофизические методы поисков и разведки</p> <p>4. Дискретная математика</p> <p>5. Инженерная и компьютерная графика</p> <p>6. Инженерная механика 1</p> <p>7. Инженерные системы зданий и сооружений</p> <p>8. Комплексное архитектурное проектирование I, II (только практика 3 кр)</p> <p>9. Комплексное архитектурное проектирование III, IIV( только практика 3 кр)</p> <p>10. Компьютерная графика в строительном черчении</p> <p>11. Компьютерное моделирование в среде MatLab</p> <p>12. Макроэкономика</p> <p>13. Математика II</p> <p>14. Математика III</p> <p>15. Методы оптимизации</p>	

8. Тау жыныстарынын физикасы	16. Механика жидкости и газа
9. Термодинамика және жылу техникасы	17. Механические характеристики инженерных материалов
10. Уран кен орындарын жерасты өндіруге арналған тау-кен графикасы(Горная графика при подземной добыче урановых месторождений)	18. Микроэкономика
11. Электротехника және микроэлектроника	19. Общая и историческая геология
12. Основы автоматизации (каз)	20. Общая металлургия
13. Промышленная экология и производственная безопасность (каз)	21. Обыкновенные дифференциальные уравнения MatLab
14. Свойства пластовых флюидов (каз)	22. Основы Автоматизации
15. Химия и нефти и газа (каз)	23. Основы безопасности транспортных систем
16. Геология нефти и газа (каз)	24. Основы геологии
	25. Основы горного производства (введение в специальность)
	26. Основы градостроительства
	27. Основы нефтегазового дела
	28. Основы обогащения полезных ископаемых
	29. Основы физики земли
	30. Основы энергетики
	31. Пайдалы қазбалар кен орындарын жер асты тәсілін жүйелендіру (Системы ПРМПИ)
	32. Планирование и политика транспортировки
	33. Промышленная электроника
	34. Строительные конструкции
	35. Строительные материалы
	36. Структурная геология
	37. Теоретические основы электротехники 2
	38. Теоретическая и прикладная механика

<p>17. Освоение шельфовых месторождений (каз)</p> <p>18. Технология и техника заканчивания скважин (каз)</p> <p>19. Течение в системе трубопроводов (каз)</p> <p>20. Бурение нефтяных и газовых скважин (каз)</p> <p>21. Свойства горных пород(каз)</p> <p>22. Технология и техника добычи нефти(каз)</p>	<p>39. Теория электрической связи</p> <p>40. Термодинамика и теплотехника</p> <p>41. Термодинамика, теплопередача и теплотехническое оборудование</p> <p>42. Технологические измерения и приборы</p> <p>43. Технология и техника добычи нефти</p> <p>44. Физика горных пород</p> <p>45. Физика II</p> <p>46. Физическая химия</p> <p>47. Финансовый анализ и оценка проектов</p> <p>48. Химия нефти и газа</p> <p>49. Экономическая теория</p> <p>50. Электропривод</p> <p>51. Электроснабжение предприятий</p> <p>52. Электротехника и микроэлектроника</p> <p>53. Электротехническое материаловедение</p> <p>54. Электроэнергетические сети и системы</p> <p>55. Эргономика</p> <p>56. Web программирование</p> <p>57. Математическое моделирование объектов автоматизации</p> <p>58. Микропроцессорные комплексы в системах управления</p> <p>59. Сети связи и системы коммутации</p> <p>60. Системы оптимального управления</p> <p>61. Цифровая схемотехника</p>
---	--



- |  |  |  |  |
|--|--|--|--|
|  |  | <ol style="list-style-type: none"><li>62. Архитектурное проектирование</li><li>63. Введение в специальность (Архитектура)</li><li>64. Инженерное благоустройство и транспорт</li><li>65. Комплексное архитектурное проектирование V</li><li>66. Профессиональное моделирование в архитектуре 1</li><li>67. Комплексное архитектурное проектирование VI</li><li>68. Английский язык</li><li>69. Математика 1 (рус)</li><li>70. Математика 2 (рус)</li><li>71. Физика 1 (рус)</li><li>72. Компьютерные сети</li><li>73. Объектно-ориентированное программирование</li><li>74. Теория баз данных</li><li>75. Discrete Mathematics in Computer Science</li><li>76. Операционные системы</li><li>77. Подземная разработка пластовых месторождений</li><li>78. Разработка месторождений в особых условиях</li><li>79. Технология и комплексная механизация подземных горных работ</li><li>80. Вскрытие и подготовка месторождений при подземной разработке</li><li>81. Бурение скважин</li><li>82. Гидрогеология и инженерная геология</li><li>83. Кристаллография и минералогия</li><li>84. Геология и минеральные ресурсы Казахстана</li></ol> |  |
|--|--|--|--|

85. Геология месторождений полезных ископаемых
86. Механика жидкости
87. Геодезия в строительстве
88. Качественные показатели воды
89. Насосы и насосные станции
90. Таможенная логистика
91. Теория вероятностей и математическая статистика
92. Транспортная логистика
93. Транспортная техника
94. Процессы рудоподготовки и обрудование
95. Технологическая минералогия
96. Теория металлургических процессов 1
97. Динамика металлургических машин
98. Инструментальная база металлургических предприятий
99. Смазка металлургических машин
100. Численные методы решения инженерных задач
101. Проектирование и эксплуатация нефтегазовых сооружений
102. Разработка нефтяных и газовых месторождений
103. Свойства пластовых флюидов
104. Геофизические исследования параметров пласта
105. Промышленная экология и производственная безопасность
106. Железобетонные конструкции 1
107. Строительная механика























- |  |  |   |  |
|--|--|---|--|
|  |  | <p>318. Современные проблемы химии и технологии полимеров</p> <p>319. Элементарная органическая химия</p> <p>320. Промышленные реакторы для крупнотоннажных химических производств</p> <p>321. Защита интеллектуальной собственности</p> <p>322. Инновационные методы монтажа и наладки машин и оборудования</p> <p>323. Цифровые методы и средства измерения параметров технологических машин</p> <p>324. Цифровой мониторинг состояния машин и оборудования</p> <p>325. Управление рисками</p> <p>326. Методы интеллектуального анализа данных</p> <p>327. Автоматизация технических систем</p> <p>328. Петрогенные минералы</p> <p>329. Интерпретация геологических и геофизических данных для целей подсчета запасов и ресурсов нефти и газа</p> <p>330. Методология непрерывного проектирования карьеров</p> <p>331. Геотехнологические процессы при разработке месторождений полезных ископаемых</p> <p>332. Компьютерное моделирование в гидрогеологии и инженерной геологии</p> |  |
|--|--|---|--|

- |  |  |  |  |
|--|--|--|--|
|  |  | <ul style="list-style-type: none"><li>333. Инженерно-геологическая разведка</li><li>334. Петрофизика</li><li>335. Комплексная интеграция материалов</li><li>336. Геофизические исследования скважин</li><li>337. Геолого-геофизические методы поисков и разведки рудных месторождений</li><li>338. Геолого-геофизические методы поисков и разведки нефтяных и газовых месторождений</li><li>339. Проектирование и обустройство нефтегазовых месторождений</li><li>340. Принципы разработки нефтегазовых месторождений</li><li>341. Осложнения и аварии при бурении скважин</li><li>342. Управление мобильными роботами в неизвестной среде</li><li>343. Навигационные системы роботов</li><li>344. Динамика роботов</li><li>345. Управление человеческими ресурсами</li><li>346. Химмотология нефтепродуктов</li><li>347. Технология гетеролитических и гомолитических процессов нефтепереработки</li><li>348. Современные методы антикоррозийной защиты технологического оборудования</li><li>349. Промышленный катализ и катализаторы в нефтепереработке</li></ul> |  |
|--|--|--|--|



			369. Продвинутый уровень петрофизики 370. Продвинутый уровень технологий добычи газа 371. Методы интенсификации притока в скважину 372. Моделирование нефтегазового резервуара 373. Семинар нефтегазового инжиниринга 374. Стратегический менеджмент 375. Методология научных исследований 376. Модели и методы управления проектами 377. Количественные и качественные методы научных исследований 378. Гибкие технологии (Agile) управления проектами	
<b>JOINT-STOCKED</b>				
4	K. Zhubanov Aktobe Regional State University	1. Аналитикалық химия 2. Химияны оқыту әдістемесі 3. Педагогика 4. Психология 5. Музыка пәнін оқыту әдістемесі 6. Дене шынықтыру теориясы мен әдістемесі 7. Еуропа және Америка елдерінің жаңа заман тарихы 8. Инклюзивтік білім беру	1. Математический анализ 2. Современные США 3. Техника и технология добычи нефти 4. Методика преподавания биологии 5. Налоги и налогообложение	1. Основы теории изучаемого языка 2. Аударма теориясы 3. Ақпараттық коммуникациялық технология 4. Механика



	<p>9. Қазіргі мектеп оқушыларының өзін-өзі бағалауын қалыптастырудың психологиялық-педагогикалық негіздері</p> <p>10. Мүмкіндігі шектеулі балаларға математиканы оқытудың арнайы әдістемесі</p> <p>11. Отбасымен әлеуметтік-педагогикалық жұмыс</p> <p>12. Экология және тұрақты даму</p> <p>13. Мұнай өндірудің техникасы мен технологиясы</p> <p>14. Мұнай өндірудің техникасы мен технологиясы</p> <p>15. Микробиология</p> <p>16. Микробиология және вирусология негіздері</p>		
--	--	--	--

	<p>17. Қазақ тілінің лексикологиясы мен фразеологиясы</p> <p>18. XIX ғасырдағы қазақ әдебиеті тарихы</p> <p>19. Компьютерлік графика</p> <p>20. Статистика</p> <p>21. Клеткалық биология</p>		
5	<p>D. Serikbayev East Kazakhstan State Technical University</p> <p>1. Үймереттер мен ғимараттардың инженерлік жүйелері</p> <p>2. Жоғары геодезия</p> <p>3. Сарқынды суды тазартудың техникасы мен технологиясы</p> <p>4. Сәулет</p> <p>5. Сандық картография</p> <p>6. Материалдар кедергісі</p> <p>7. Инвестициялық жобалау</p> <p>8. Қазақ тілі</p> <p>9. Әлеуметтану</p> <p>10. Электротехникалық материалтану</p>	<p>1. Разработка курсов в Open edX</p> <p>2. Психология управления</p> <p>3. Культурология</p> <p>4. Гидрогеология и инженерная геология</p> <p>5. Основы геологии</p> <p>6. Технология металлургического производства</p> <p>7. Микро-макроэкономика</p> <p>8. Дискретная математика</p> <p>9. Гидротехнические сооружения</p> <p>10. Вяжущие вещества</p> <p>11. Инженерная механика</p> <p>12. Информационное моделирование зданий с использованием REVIT</p> <p>13. Всемирная история архитектуры и градостроительства</p> <p>14. Производственный менеджмент</p>	<p>1. Information Communication Technology</p> <p>2. Cloud computing</p> <p>3. Технические средства архитектурного проектирования 1</p> <p>4. Прикладная фотограмметрия</p> <p>5. Базовый иностранный язык (немецкий)</p> <p>6. Technology of software development for real-time systems</p> <p>7. THE ANALYSIS AND PRESENTATION OF DATA IN SCIENTIFIC RESEARCH</p>

15. Основы бухгалтерского учета
16. Предпринимательское право РК
17. Экономическая теория
18. Маркетинговые исследования
19. Банковские операции и услуги
20. Русский язык (уровень В2)
21. Физическая культура, Легкая атлетика 2.1
22. Физическая культура, Легкая атлетика 2.1
23. Русский язык (уровень С1)
24. Физическая культура: баскетбол 1
25. Физическая культура: волейбол
26. Эксплуатационные материалы
27. Электро и автотронное оборудование транспортной техники
28. Основы логистики
29. Единая транспортная система
30. Базы данных в информационных системах
31. Операционные системы, среды и оболочки
32. Алгоритмы, структуры данных и программирование
33. Программирование микроконтроллерных систем
34. Основы электроники
35. Математические и физические основы ЭВМ
36. Кристаллография и минерология

			37. Информатика 10-11 класс	
6	Sarsen Amanzholov University of East Kazakhstan		1. Волновая оптика	
7	Zhangir Khan West Kazakhstan Agrarian and Technical University		1. Методические основы технологии дистанционного обучения	
8	M. Utemisov West Kazakhstan University	1. Биогеография биология негіздерімен 2. Психология 3. Инклюзивті білім беру		
9	Karaganda Industrial University	1. Философия	1. Микроэкономика	
10	Karaganda Technical University	1. Философия	1. Основы права 2. Математика 1 3. Социально-политический модуль 4. Теоретические основы электротехники 1	1. English for specific Purposes for Mechanical Engineering 2. Soil Mechanics
11	E.A. Buketov Karaganda University	1. Инновационная методика преподавания казахского языка на основе латинской графики	1. Методическое сопровождение процесса инклюзивного образования 2. Разработка электронных учебных пособий 3. Методика преподавания математики и информатики	1. Академический иностранный язык в вузе

			<ul style="list-style-type: none"> <li>4. Использование дистанционных образовательных технологий в учебном процессе</li> <li>5. Подготовка преподавателя вуза к обучению с применением дистанционных образовательных технологий</li> <li>6. Современные проблемы теории права, государства и прав человека</li> </ul>	
12	Yessenov Caspian University of Technology and Engineering	1. Орта мектепте жаңартылған білім беру мазмұны негізінде оқыту	<ul style="list-style-type: none"> <li>1. Я-гений</li> <li>2. Гид-экскурсовод</li> <li>3. Тренажерная подготовка судамехаников</li> </ul>	
13	Rudna Industrial Institute		<ul style="list-style-type: none"> <li>1. Маркшейдерские работы по обеспечению устойчивости массивов выбрано для массовых действий</li> <li>2. Маркшейдерские работы по обеспечению устойчивости массивов</li> <li>3. Технологический транспорт глубоких карьеров выбрано для массовых действий</li> <li>4. Технологический транспорт глубоких карьеров</li> <li>5. Техника безопасности на ОГР выбрано для массовых действий</li> <li>6. Техника безопасности на ОГР</li> <li>7. Стандартизация, сертификация и технические измерения выбрано для массовых действий</li> </ul>	

8. Стандартизация, сертификация и технические измерения
9. Геометрия недр выбрано для массовых действий
10. Геометрия недр
11. САПР карьеров с применением ГИС Surpac выбрано для массовых действий
12. САПР карьеров с применением ГИС Surpac
13. Технология осушения карьерных полей выбрано для массовых действий
14. Технология осушения карьерных полей
15. Процессы ПГР выбрано для массовых действий
16. Процессы ПГР
17. Магнитные методы обогащения выбрано для массовых действий
18. Магнитные методы обогащения
19. Эксплуатация и ремонт обогатительного оборудования выбрано для массовых действий
20. Эксплуатация и ремонт обогатительного оборудования
21. Технология ОГР выбрано для массовых действий
22. Технология ОГР
23. Процессы и технология РМПИ выбрано для массовых действий
24. Процессы и технология РМПИ

25. Горные машины карьеров и рудников выбрано для массовых действий
26. Горные машины карьеров и рудников
27. Горная квалиметрия и СКР выбрано для массовых действий
28. Горная квалиметрия и СКР
29. Аэрология карьеров выбрано для массовых действий
30. Аэрология карьеров
31. Высшая геодезия
32. Процессы и аппараты обогатительного производства
33. Применение компьютерных технологий в обогатительных процессах
34. Теория обработки маркшейдерско-геодезических измерений
35. Гравитационные методы обогащения
36. Гидроаэромеханика обогатительных процессов
37. Технологическая минералогия
38. Технология ОГР 2
39. Инженерная геодезия
40. Горные и стационарные машины и оборудование ПГР
41. Оптимизация технических решений горных работ
42. Ресурсосберегающие и малоотходные технологии
43. Переработка и обогащение полезных ископаемых

44. Управление состоянием массива
45. Процессы рудоподготовки и оборудование
46. САПР в компьютерных средах
47. Маркшейдерско-геодезические приборы
48. Процессы ОГР
49. Процессы - ОГР 2
50. Технология ОГР 1
51. Маркшейдерские работы на ОГР
52. Строительство горных предприятий
53. Основы научных исследований
54. Разрушение горных пород взрывом
55. Гидрогеология и инженерная геология
56. Процессы ОГР - 1
57. Физика горных пород
58. Горная инженерная графика
59. Основы геологии
60. Геодезия
61. Основы горного производства
62. Электрические машины и турбины
63. Управление, контроль и учет электроэнергии выбрано  
для массовых действий
64. Управление, контроль и учет электроэнергии



- |  |  |   |  |
|--|--|---|--|
|  |  | <p>65. Технические средства и информационные методы управления в теплоэнергетике выбрано для массовых действий</p> <p>66. Технические средства и информационные методы управления в теплоэнергетике</p> <p>67. Спецвопросы сжигания топлива выбрано для массовых действий</p> <p>68. Спецвопросы сжигания топлива</p> <p>69. Релейная защита и автоматика в электроэнергетике выбрано для массовых действий</p> <p>70. Релейная защита и автоматика в электроэнергетике</p> <p>71. Проектирование систем электроснабжения общепромышленных потребителей выбрано для массовых действий</p> <p>72. Проектирование систем электроснабжения общепромышленных потребителей</p> <p>73. Перенапряжение и изоляция в электроэнергетике выбрано для массовых действий</p> <p>74. Перенапряжение и изоляция в электроэнергетике</p> <p>75. Охрана труда в электроэнергетике выбрано для массовых действий</p> <p>76. Охрана труда в электроэнергетике</p> <p>77. Оптимизация и энергосбережение в электроэнергетике выбрано для массовых действий</p> |  |
|--|--|---|--|

78. Оптимизация и энергосбережение в электроэнергетике
79. Контрольно-измерительная аппаратура технологических машин и оборудования выбрано для массовых действий
80. Контрольно-измерительная аппаратура технологических машин и оборудования
81. Конструкции технологического оборудования 1 выбрано для массовых действий
82. Конструкции технологического оборудования 1
83. Водоотливные, вентиляторные и пневмоустановки выбрано для массовых действий
84. Водоотливные, вентиляторные и пневмоустановки
85. САПР в электроэнергетике
86. Инновационная электроэнергетика
87. Гидропневматические машины и приводы
88. Элементы и устройства автоматизации
89. Техническое проектирование в среде AutoCAD
90. Инженерная механика
91. Техническое проектирование в среде КОМПАС
92. Гидравлика и теплотехника
93. Электротехника и электроника
94. Котельные установки и парогенераторы
95. Теоретические основы теплотехники
96. Техническая термодинамика

- |  |  |  |
|--|--|--|
|  | <ol style="list-style-type: none"><li>97. Электромеханические переходные процессы в электроэнергетике</li><li>98. Тепловые электрические станции и котельные установки</li><li>99. Цифровая техника и микропроцессорное управление</li><li>100. Электротехнологические установки в электроэнергетике</li><li>101. Электроснабжение общепромышленных предприятий</li><li>102. Научные исследования</li><li>103. Автоматизированные системы управления и надежность в электроэнергетике</li><li>104. Электроэнергетика</li><li>105. Электрические станции и подстанции</li><li>106. Электрооборудование общепромышленных установок</li><li>107. Производство, передача и распределение электроэнергии</li><li>108. Электромеханика и электромеханическое оборудование</li><li>109. Электрические машины</li><li>110. Технические средства, применяемые в электроэнергетике</li><li>111. Переходные процессы в электроэнергетике</li><li>112. Электрические аппараты в ЭЭ</li><li>113. Электрические сети и системы</li></ol> |  |
|--|--|--|

114. Промышленная электроника
115. Информационно-измерительная техника
116. Экспертное обследование и тарифы в электроэнергетике
117. Механика
118. Математические задачи и компьютерное моделирование в электроэнергетике
119. Сети ЭВМ и средства коммуникаций в ЭЭ
120. Теоретические основы электротехники I
121. Электротехническое материаловедение
122. Теоретические основы электротехники II
123. Транспортная энергетика
124. Строительная и дорожная транспортная техника 1
125. Конструкции наземных транспортно-технологических машин 1
126. Иностранный язык 3
127. Русский язык
128. Эксплуатационные материалы транспортной техники
129. Казахский язык 2
130. Детали машин
131. Философия
132. Математика в экономике
133. Физика 2







188. Проектирование баз данных
189. Интерфейсы компьютерных систем
190. Исследование операций
191. Разработка 1С приложений
192. Методы обработки информации
193. Инженерная графика 2
194. Схемотехника
195. Операционные системы и оболочки
196. Объектно-ориентированное программирование
197. Экология и устойчивое развитие. Основы безопасности жизнедеятельности
198. Алгоритмы, структуры данных и программирование
199. Информационно-коммуникационные технологии
200. Химия
201. Компьютерная графика
202. Мультимедиа - технологии
203. Инженерная и компьютерная графика 1
204. Web - технологии
205. Базы данных в ИС
206. Налоговое планирование
207. Финансовый менеджмент выбрано для массовых действий
208. Финансовый менеджмент



- |  |  |   |  |
|--|--|---|--|
|  |  | 209. Управление изменениями выбрано для массовых действий                       |  |
|  |  | 210. Командообразование   |  |
|  |  | 211. Технологическое предпринимательство  |  |
|  |  | 212. Управление человеческими ресурсами   |  |
|  |  | 213. Экономика предприятия  |  |
|  |  | 214. Макроэкономика   |  |
|  |  | 215. Статистика   |  |
|  |  | 216. Финансы  |  |
|  |  | 217. Организация бизнеса  |  |
|  |  | 218. Экономическая теория   |  |
|  |  | 219. Микроэкономика   |  |
|  |  | 220. Государственное регулирование экономики                                    |  |
|  |  | 221. Менеджмент   |  |
|  |  | 222. Международная экономика  |  |
|  |  | 223. Экономика и организация производства                                       |  |
|  |  | 224. Маркетинг  |  |
|  |  | 225. Основы экономики   |  |
|  |  | 226. Предпринимательство  |  |
|  |  | 227. Технология реконструкция зданий  |  |
|  |  | 228. Технология возведения зданий и сооружений<br>выбрано для массовых действий |  |
|  |  | 229. Технология возведения зданий и сооружений                                  |  |

- |  |  |   |  |
|--|--|---|--|
|  |  | <p>230. Техническая эксплуатация зданий и сооружений<br/>выбрано для массовых действий</p> <p>231. Техническая эксплуатация зданий и сооружений</p> <p>232. Расчет сметной стоимости выбрано для массовых<br/>действий</p> <p>233. Расчет сметной стоимости</p> <p>234. Прочностные расчеты с элементами BIM<br/>моделирования выбрано для массовых действий</p> <p>235. Прочностные расчеты с элементами BIM<br/>моделирования</p> <p>236. Процессы и аппараты технологии строительных<br/>материалов выбрано для массовых действий</p> <p>237. Процессы и аппараты технологии строительных<br/>материалов</p> <p>238. Охрана труда и техника безопасности в<br/>строительстве выбрано для массовых действий</p> <p>239. Охрана труда и техника безопасности в<br/>строительстве</p> <p>240. Минерально-сырьевая база ПСМ выбрано для<br/>массовых действий</p> <p>241. Минерально-сырьевая база ПСМ</p> <p>242. Материалы для строительных композитов выбрано<br/>для массовых действий</p> <p>243. Материалы для строительных композитов</p> |  |
|--|--|---|--|



14	Kozybayev University	<ol style="list-style-type: none"> <li>1. Қазақ тілінің грамматикасы</li> </ol>	<ol style="list-style-type: none"> <li>1. Системы искусственного интеллекта</li> <li>2. Современная история Казахстана</li> <li>3. Философия</li> <li>4. Модуль социально-политических знаний (политология)</li> </ol>	
15	M.H.Dulati Taraz Regional University	<ol style="list-style-type: none"> <li>1. «Бейорганикалық заттардың химиялық технологиясы»</li> <li>2. ҚР Конституциялық ҚҰҚЫҒЫ</li> </ol>	<ol style="list-style-type: none"> <li>1. Разработка массовых открытых онлайн курсов</li> <li>2. Технология создания электронных образовательных ресурсов</li> <li>3. Smart-learning в образовательном процессе</li> <li>4. Особенности видеопроизводства онлайн-курсов</li> <li>5. Физическая культура и спорт</li> <li>6. Конституционное право РК</li> <li>7. Формирование «Green skills» в пищевой и перерабатывающей отрасли</li> <li>8. Ознакомление со SCADA TRACE MODE 6</li> <li>9. Основы кибербезопасности</li> </ol>	
16	South Kazakhstan State Pedagogical University	<ol style="list-style-type: none"> <li>1. Қазіргі педагогикалық технологиялар</li> <li>2. Проблемалық оқыту технологиясы</li> <li>3. Сыни тұрғыдан ойлау технологиясы</li> </ol>		<ol style="list-style-type: none"> <li>1. Ағылшын тілінің практикалық фонетикасы</li> <li>2. Екінші шет тілінің көркем әдебиетті түсініп оқу</li> <li>3. Шетел тілін арнайы мақсатта оқыту</li> <li>4. Елтану</li> </ol>

	<ol style="list-style-type: none"><li>4. Оқытудың тұлғаға бағдарланған технологиялары</li><li>5. Педагогика тарихы</li><li>6. Дизартрия негіздері</li><li>7. Оқытудың инновациялық модельдері</li><li>8. Тәрбие жұмысының теориясы мен әдістемесі</li><li>9. Кәсіптік білім беру педагогикасы</li><li>10. Психологияны оқыту әдістемесі</li><li>11. Психология</li><li>12. Қазіргі мектепті басқарудың психологиялық менеджменті</li><li>13. Білім берудегі менеджмент</li><li>14. Іскерлік қарым-қатынас психологиясы</li><li>15. Өзін-өзі тану</li><li>16. Психологияны оқыту әдістемесі</li></ol>	
--	--	--

	<p>17. Болашақ мұғалім-ң кәсіби құзыреттілігін қалып-у негіздері</p> <p>18. Психологияны оқыту әдістемесі</p> <p>19. Әлеуметтік педагогикалық менеджмент</p> <p>20. Қоғамтану өзін-өзі тануды оқыту әдістемесі</p> <p>21. Психология және адам дамуы</p> <p>22. Өзін-өзі тануды және өзін-өзі дамытуды пед-қ қолдау</p> <p>23. Әлеуметтік жұмыстың кәсіби -этикалық негіздері</p> <p>24. Қазақстан тарихы</p> <p>25. Биотехнология</p> <p>26. Цитология и гистология</p> <p>27. Кәсіби қазақ (орыс) тілі</p> <p>28. Қазақ диалектологиясы</p> <p>29. Педагогикалық менеджмент</p>	
--	---	--

17	M. Auezov SKU	<ol style="list-style-type: none"> <li>1. ҚР еңбек құқығы</li> <li>2. Педагогика</li> <li>3. Басқару жүйелерінің сенімділігі</li> <li>4. Кәсіпорын экономикасы</li> <li>5. Жарнама қызметіндегі графикалық және анимациялық құралдар</li> <li>6. Ақпараттық жүйелердегі мәліметтер базасы</li> <li>7. Психология</li> <li>8. Физика</li> <li>9. Психология</li> <li>10. Мұнай өндірудің техникасы мен технологиясы</li> </ol>	<ol style="list-style-type: none"> <li>1. Основы нефтегазового дела</li> </ol>	
18	Almaty Technological University	<ol style="list-style-type: none"> <li>1. Балалар тамақтануына арналған сүт өнімдері мен консервілері</li> <li>2. Азық-түлік өнімдерін тану және сараптау</li> <li>3. Ет және ет өнімдерінің технологиясы</li> </ol>	<ol style="list-style-type: none"> <li>1. Технология пивоваренного производства</li> <li>2. Технология спирта</li> <li>3. Ампелография с основами виноградарства</li> <li>4. Биозтика и основы безопасности в биотехнологии</li> <li>5. Микробиология и вирусология</li> <li>6. Биотехнология животных</li> <li>7. Исследования свойств сырья в пищевой промышленности</li> </ol>	<ol style="list-style-type: none"> <li>1. Authentication and falsification of food products</li> </ol>

4. Сүт және сүт өнімдерін өндірудің физико-химиялық және биохимиялық негіздері	8. Экологическая биотехнология
5. Ауыл шаруашылық малдарының анатомиясы мен гистологиясы	9. Промышленная биотехнология
6. Ғылыми және жобалық зерттеулер	10. Аппараты биотехнологических производств
7. Нан өндірісінің технологиясы	11. Биотехнология растений и селекция
8. Астық өңдеу өндірісі шикізаттарының қасиетін зерттеу әдістері	12. Экология и устойчивое развитие
9. Автоматты жобалау жүйесі негізінде наубайхана кәсіпорындарын жобалау	13. Химия лекарственных препаратов
10. Жануарлар биотехнологиясы	14. Экологическая химия
11. Өсімдіктер биотехнологиясы	15. Управление природопользованием
	16. Биохимия
	17. Химия
	18. Основные процессы и аппараты химической технологии
	19. Биологическая экология
	20. Почвоведение
	21. Система качества
	22. Основы безопасности и жизнедеятельности
	23. Основы безопасности жизнедеятельности
	24. Токсикологические основы загрязнения внешней среды радионуклидами
	25. Безопасность пищевых продуктов
	26. Сенсорная оценка качества пищевых продуктов
	27. Аудит качества
	28. Производственная безопасность
	29. Методы анализа продукции



12. Азық-түлік өндірістері шикізатының қасиеттерін зерттеу	30. Организационное поведение
13. Микробиология және вирусология	31. Экономика отрасли
14. Экологиялық нормалау негіздері және сараптама	32. Управление персоналом
15. Экология және тұрақты даму	33. Маркетинг
16. Биогеохимия және экотоксикология	34. Экономика производства
17. Нанотехнология негіздері	35. Психология сервиса
18. Химия	36. Основы предпринимательства
19. Аналитикалық химия	37. Анализ организации и регулирования сферы сервиса
20. Экологиялық мониторинг	38. Ресторанный и гостиничный маркетинг
21. Химия	39. Введение в гостиничное и ресторанное дело
22. Тіршілік қауіпсіздігі негіздері	40. Индустрия развлечения
23. Өндірістік қауіпсіздік	41. Ценообразование
24. Азық-түлік және ауылшаруашылық өнімдерін сертификаттау	42. Финансовые рынки и посредники
25. Тіршілік қауіпсіздік негіздері	43. Бухгалтерский учет в общественном питании
	44. Основы бухгалтерского учета
	45. 1-С: Бухгалтерия 8.2
	46. Экономикалық талдау
	47. Бухгалтерский учет в туризме и гостиничном бизнесе
	48. Процессы и аппараты пищевых производств
	49. Взаимозаменяемость, стандартизация и технические измерения
	50. Математика
	51. Специальная педагогика

26. Сапа жүйесі	52. Основы права
27. Тағам химиясы	53. История философии
28. Тағам өнімдерінің қауіпсіздігі	54. Религиоведение
29. Кәсіпорын экономикасы	55. Философия
30. Экономикалық саясат	56. Социология и Политология
31. Макроэкономика	57. Основы программирования на Python
32. Кәсіпкерлік	58. C++
33. Өндірістік менеджмент	59. HTML
34. Персоналды басқару	60. Древнерусская архитектура
35. Халықаралық экономика	61. Искусство эпохи Возрождения
36. Экономиканы мемлекеттік реттеу	62. Реализация массовых открытых онлайн курсов (MOOK): принципы, инструменты, практика
37. Ойын-сауық индустриясы	63. Инновационные образовательные технологии и дидактические модели
38. Қызмет көрсету саласындағы жоспарлау	
39. Туристік қызмет көрсету саласындағы жарнама	
40. Мейманхана және мейрамхана менеджменті	
41. Банк ісі	
42. Қаржылық бақылау	

	43. Инженерлік және компьютерлік графика		
	44. Теориялық және қолданбалы механика		
	45. Электр техникасы және электр жабдығы		
	46. Тамақ өндірісінің процестері мен аппараттары		
	47. Психология және адам дамуы		
	48. Қазақстанның қазіргі заман тарихы		
	49. Мәдениеттану		
	50. Дінтану негіздері		
	51. Қазақстанның қазіргі заман тарихы		
	52. Психология және мәдениеттану		
	53. Философия тарихы		
	54. Қолданбалы есептерді Mathcad ортасында модельдеу		

	<p>55. Басқарудың модельдері мен әдістері</p> <p>56. Алгоритм, деректер құрылымы ж/е программалау</p> <p>57. Экономикадағы ақпаратты өндеу әдістері</p> <p>58. Web-технология</p> <p>59. JavaScript тілі</p> <p>60. Деректер қоры</p> <p>61. Web бағдарламлау</p> <p>62. Киім және сән тарихы</p> <p>63. Материалмен жұмыс жасау</p> <p>64. Жеңіл өнеркәсіп бұйымдарының материалтануы</p> <p>65. Русский язык (уровень А2)</p> <p>66. Basic English Language A1-A2 ATU</p> <p>67. Английский язык</p> <p>68. Тігін бұйымдарың конструктивті үлгілеу</p>		
--	--	--	--

19	Medical University Astana		<ol style="list-style-type: none"> <li>1. Лекарственное обеспечение</li> <li>2. Общая физиология человека</li> <li>3. Судебно-медицинская экспертиза вещественных доказательств биологического происхождения</li> <li>4. Қазақстанның қазіргі заман тарихы</li> </ol>	
20	International Information Technology University			Информационно-коммуникационные технологии, Алгоритмизация и структуры данных
21	KIMEP University	<ol style="list-style-type: none"> <li>1. Elementary Kazakh</li> <li>2. Intermediate Kazakh</li> <li>3. Pre-Intermediate Kazakh</li> <li>4. Business Kazakh</li> <li>5. Kazakh Language &amp; Culture, Advanced level</li> <li>6. Professional Kazakh Language 2</li> <li>7. Professional Russian Language 3</li> <li>8. Public Speaking in Kazakh</li> </ol>		<ol style="list-style-type: none"> <li>1. Бизнес право</li> <li>2. Введение в правовую систему Казахстана</li> <li>3. Гражданское право: Общая часть</li> <li>4. Гражданское право: Особенная часть</li> <li>5. Конституционное право РК</li> <li>6. Международное публичное право</li> <li>7. Теория государства и права</li> <li>8. Уголовное право РК: Общая часть</li> <li>9. Уголовное право РК: Особенная часть</li> <li>10. Гражданско-процессуальное право РК</li> <li>11. Административное право РК</li> </ol>

				<ul style="list-style-type: none"> <li>12. Римское право</li> <li>13. Семейное и наследственное право РК</li> <li>14. Сравнительное конституционное право</li> <li>15. Международное частное право</li> <li>16. Международное частное право</li> <li>17. Право собственности</li> <li>18. Международное право прав человека</li> <li>19. Право международных договоров</li> <li>20. Криминология</li> <li>21. Основы юридического консультирования</li> <li>22. Иностранный язык (профессиональный)</li> <li>23. Международный коммерческий арбитраж</li> <li>24. Financial Accounting I</li> <li>25. Management Accounting I</li> <li>26. Financial Accounting II</li> <li>27. Management Accounting II</li> <li>28. Ethics in Accounting</li> </ul>
--	--	--	--	---







72. Marketing Research
73. Retailing
74. Fundamentals of Selling
75. Brand Management
76. Digital marketing
77. Advertising Management
78. Cases in Marketing
79. Marketing Research
80. Digital Graphics in Business
81. Business IT Strategy and Structure
82. Web Technologies in Business
83. Machine Learning
84. Information and Communication Technologies
85. Business Computer Applications
86. Business Statistical Analysis
87. Database Management Systems
88. Management Information Systems
89. Algorithms, Data Structures and Programming
90. Business Intelligence Applications
91. Decision Support Systems
92. Introduction to Data Science









				<p>156. Принципы управления и бизнеса в СМИ</p> <p>157. Политические Коммуникации</p> <p>158. Теория Организаций и Дизайн</p> <p>159. Анализ Государственной Политики</p> <p>160. Статистические методы для государственного управления</p> <p>161. Анализ Государственной Политики</p> <p>162. Методы исследования</p> <p>163. Государственные финансы</p> <p>164. Аудит государственного сектора</p> <p>165. Сравнительная Политика</p> <p>166. Социально-политическая теория</p> <p>167. Academic Listening and Note Taking</p> <p>168. Academic Speaking</p> <p>169. Academic Reading and Writing I</p> <p>170. Academic Reading and Writing II</p> <p>171. Art and Visual Culture</p> <p>172. Design Foundations</p> <p>173. Drawing 1: Visual Arts Studio</p> <p>174. Introduction to Drama</p> <p>175. Introduction to Films</p>
--	--	--	--	---









				<p>227. Corporate Reputation and Communication</p> <p>228. Consumer Behavior</p> <p>229. Selling and Sales Management</p> <p>230. Selected Topics in Marketing: Designing a new venture based on the Blue Ocean strategies</p> <p>231. Advanced Marketing Management</p> <p>232. Business Research Methods</p> <p>233. Foundation of Information System</p> <p>234. Foundation of Operation Management</p> <p>235. Logistics and Supply Chain Management</p> <p>236. Business Research Methods</p> <p>237. Management and Organizational Theory</p> <p>238. Modern Research Studies in Finance</p>
<b>PRIVATE</b>				
22	Bolashak Academy	<p>1. Қазақстан Республикасының қылмыстық сотқа дейін іс жүргізуді жаңғырту</p>	<p>1. Основы досудебного расследования в условиях модернизации уголовного судопроизводства Республики Казахстан</p> <p>2. Экологические основы мониторинга окружающей среды. Методы оценки состояния экосистем.</p>	<p>1. In-depth Study of Biotechnology (in English)</p>

		жағдайындағы сотқа дейінгі тергеу негіздері	3. Современные аспекты реализации учебного процесса по биологии 4. Фармацевтическая помощь на современном этапе	
23	Almaty Management University	1. Қазақстанның қазіргі заман тарихы 2. Медиация	1. "Экономика предприятия" 2. Математика в экономике 3. Финансовое моделирование государственно-частного партнерства 4. Современные тренды мотивации 5. Менеджмент 6. Страхование право Республики Казахстан 7. Управление человеческими ресурсами 8. Технология публичных выступлений 9. Талант - менеджмент	
24	Astana It Unversity			1. Introduction to Programming (C++) 2. Object-Oriented Programming (Java), запись видеолекции и подготовка материалов 3. Algorithms and Data Structures 4. Information and Communication Technologies
25	Baishev University	1. С.С.Сейтенова Отбасымен әлеуметтік-педагогикалық жұмыс (arsu.mbook.kz)		

		2. Ж.А.Исина. "Қашықтан оқыту: ізденіс және тәрбие"(озық технологияны насихаттау)		
26	West-Kazakhstan Innovative-Technological University		1. Синхронный и последовательный перевод (с казахского на русский, с русского на казахский языки)	1. Этнопедагогика 2. CLIL methodology: teaching business and management in English
27	Kazakh Automobile and Road Institute named after Goncharov		<ol style="list-style-type: none"> <li>1. Материаловедение. Технология конструкционных материалов</li> <li>2. «Организация перевозок и управление движением»</li> <li>3. «Основы логистик»</li> <li>4. «Информационно-коммуникационные технологии» (англ.яз)</li> <li>5. «Осн.инф.систем»</li> <li>6. «Современная история Казахстана»</li> <li>7. «ИТ на транспорте»</li> <li>8. «Физика»</li> <li>9. Экономика и организация производства</li> <li>10. Инновационный менеджмент</li> <li>11. Анализ финансовой отчетности</li> <li>12. «Эксплуатация автомобильных дорог»</li> <li>13. «Технология строительства автомобильных дорог»</li> <li>14. «Строительные материалы»</li> </ol>	

			15. «Строительные конструкции» 16. Инженерная механика 3	
28	Kazakh University of Humanities and Law Innovation	1. Новые технологии обучения казахскому языку и литературе на основе обновленного образования	1. Теория и методика преподавания специальных дисциплин по модулю "Самопознание" 2. Теория и методика преподавания психолого-педагогических дисциплин 3. Содержание образовательной среды в условиях развития инклюзивного образования 4. Методика преподавания дисциплин в удаленном формате с применением ИКТ	
29	Kazakh University of Economics, Finance and International Trade		1. «Макроэкономика» 2. «Введение в финансы» 3. «Налог и налогообложение» 4. «Корпоративные финансы» 5. «Эконометрика» 6. Финансовые рынки и посредники 7. Менеджмент 8. Финансы 9. Финансовый анализ 10. Алгоритмы, структуры данных и программирование 11. Основы организации государственной службы 12. Web технологии 13. Маркетинг 14. Методы социологических исследований	

30	Karaganda Economic University Kazpotrebsoyuz	<ol style="list-style-type: none"> <li>1. Экономика предприятия</li> <li>2. Саудадағы бухгалтерлікесеп</li> <li>3. Основы электротехники</li> <li>4. Экология и устойчивое развитие</li> <li>5. Тілмәдениеті</li> <li>6. Основы противодействия коррупции</li> <li>7. Методы и технологии социальной работы</li> <li>8. Халықаралық экономика</li> <li>9. Предпринимательство</li> <li>10. Менеджмент</li> <li>11. Экспертиза качества товаров и услуг</li> <li>12. Жоғары деңгей тілінде бағдарламалау</li> <li>13. Ақша, несие, банктер</li> <li>14. Цифрлық трансформация</li> <li>15. Қаржылық есеп-1</li> <li>16. Қазақстан Республикасының Конституциялық құқығы</li> <li>17. Қазақстан экологиясы</li> </ol>	<ol style="list-style-type: none"> <li>1. Налоги и налогообложение</li> <li>2. Противодействие легализации незаконных доходов</li> <li>3. Эконометрика</li> <li>4. Менеджмент в непроизводственной сфере</li> <li>5. Казахский язык</li> <li>6. Английский язык в переговорах</li> <li>7. Финансирование и кредитование инвестиций</li> <li>8. Финансовый мониторинг</li> <li>9. Экономико-математические методы и модели</li> <li>10. Маркетинг</li> <li>11. Мировая экономика и международные экономические отношения</li> <li>12. Основы разработки мобильных приложений</li> <li>13. Экономическая политика</li> <li>14. Семейное право Республики Казахстан</li> <li>15. Организация обслуживания на предприятиях индустрии гостеприимства</li> <li>16. Культурология</li> <li>17. Денежно-кредитное регулирование</li> <li>18. Управление банковскими рисками</li> <li>19. Защита имущественных прав в уголовном судопроизводстве</li> <li>20. Архитектура компьютерных систем</li> <li>21. Технология обслуживания в ресторанах и гостиницах</li> <li>22. Экологический аудит</li> </ol>	<ol style="list-style-type: none"> <li>1. Английский в дипломатии и политике</li> </ol>
----	--	---	---	---

	18. Кәсіби қазақ тілі	23. Муниципальный менеджмент 24. Организация нормирование и оплаты труда предприятия 25. Особенности национальной и зарубежной кухни 26. Международные корпорации в глобальной экономике 27. Финансовый учет 1 28. Дискретная математика 29. Профессиональный казахский язык 30. Основы мерчендайзинга 31. Валютный дилинг и стратегии хеджирования 32. Бухгалтерский учет в торговле 33. Экскурсоведение 34. Почвоведение 35. Методы принятия оптимальных решений 36. Политический менеджмент 37. Менеджмент 38. Организация таможенного контроля товаров и транспортных средств 39. Финансовый сектор Казахстана 40. Стилистика русского языка 41. Цифровые технологии расчетов и межбанковский клиринг 42. Несудебные способы защиты гражданских прав 43. Страховой рынок Казахстана 44. Культура ресторанного и гостиничного сервиса 45. Учет и отчетность в коммерческих банках	
--	-----------------------	--	--

			<ul style="list-style-type: none"> <li>46. Английский язык</li> <li>47. Системы качества</li> <li>48. Аналитическая химия</li> <li>49. Инновационный менеджмент</li> <li>50. Дипломатическая документация</li> <li>51. Макроэкономика</li> <li>52. Предпринимательство</li> <li>53. Финансовый контроль</li> </ul>	
31	Kyzylorda Bolashak University	<ul style="list-style-type: none"> <li>1. Саясаттану</li> <li>2. Элеуметтану</li> </ul>	<ul style="list-style-type: none"> <li>1. информационно-коммуникативные технологии</li> <li>2. азбука аналитики</li> <li>3. экономическая психология</li> </ul>	
32	Turan-Astana		<ul style="list-style-type: none"> <li>1. Предпринимательство</li> <li>2. Теория современной социологии</li> </ul>	
33	Miras University		<ul style="list-style-type: none"> <li>1. Программирование на языке Python</li> <li>2. Английский язык/ Элементарный уровень</li> <li>3. школа модельного бизнеса Miras Faces</li> <li>4. Графический рисунок</li> </ul>	



## List and name of Minor programmes

No.	Name of HEI	Name of additional educational programmes (Minor)
1	M. Narikbayev KAZGUU University	Legal IT English Law German Law Training programme for legal consultancy «Attorney» Business and Law «Marketing» «Business and law» «Accounting and Management Accounting "International Relations" "Public Relations" "Personnel Management" "Information Technology" "Business Journalism" "Finance" "Entrepreneurship and Innovation Supply Chain Hospitality International Relations Public Relations Human Resources

		<p>Information Technology            Business Journalism            Business and management accounting            Entrepreneurship and innovation            Finance            Marketing            Tour Guiding            Minor in TESOL            Minor in Media Linguistics            Minor in Conference Interpretation            Minor in Translation</p>
<p>2</p>	<p>Kazakh University of Economics,            Finance and International Trade</p>	<p>Organisation of Insurance            Economic Development            Cross-border economies            Accounting            Business Management and Administration            Urban Studies            Entrepreneurship in crisis            Evaluation            Social Design and Entrepreneurship in Social Work            Restaurant and tourism business            Statistics &amp; Market            Mobile App Development            Computer science and software            Psychology of Personnel Management</p>

		Education Designer Designer-decorator
3	Astana University	Financial audit
4	The Eurasian Humanities Institute	Linguistics Literary Studies Reference interpreter Guide interpreter Criminal law Civil law Investigative and Forensic History of Central Asian peoples Methodologist-educator Educational Psychologist Psychological and pedagogical management Pedagogy and Psychology of Personal Development Teacher-educator Primary school teacher-psychologist Modern Linguistics Modern Linguistics Specially Oriented Foreign Language Financial Management
5	Astana IT University	Artificial Intelligence in Management Security analysis Mobile development and programming Computer and telecommunication

		Mobile application development
6	Al-Farabi Kazakh National University	<p>Bioinformatics</p> <p>Banking</p> <p>Logistics Management 4.0</p> <p>Automation and management</p> <p>Information security legal support</p> <p>Resource saving technologies</p> <p>Weather forecasting methods</p> <p>Meteorological flight services</p> <p>Databases and programming in meteorology</p> <p>IT technologies in land management</p> <p>Law module</p> <p>Module economics</p> <p>Modelling and GIS</p> <p>Government regulation and legal responsibility</p> <p>Land economics</p> <p>Applied Geography</p> <p>Geoecology</p> <p>Information technologies in geography</p> <p>Methods of teaching geography</p> <p>Integrated PR</p> <p>Literary studies</p> <p>Arabic Journalism</p> <p>Conservation and Restoration of Written Documents</p> <p>Methodology of historical research</p>

		<p>Digital technologies in restoration of documents</p> <p>Archival collections</p> <p>Automation of Information Systems</p> <p>Innovations in libraries</p> <p>Ethnology-folkloristics</p> <p>Archaeology-geodesy</p> <p>Public relations</p> <p>Art Management</p> <p>International Business and Investment Cooperation</p> <p>Foreign Economic Relations and International Management</p> <p>Translation and Innovation</p> <p>Translation and Political Science</p> <p>Translation of scientific literature</p> <p>Interpretation and translation</p> <p>Innovative technologies in translation</p> <p>Computer technology in translation</p> <p>Theatre discourse</p> <p>Pedagogy and Educational methods in updated secondary curricula</p> <p>Analyses and Educational Technology</p> <p>Lawyer with knowledge of sociology</p> <p>Lawyer with knowledge of psychology</p> <p>HR Lawyer</p> <p>Financial lawyer</p>
7	Satbayev University	<p>Petroleum engineering</p> <p>Information security systems</p>

		<p>Computer science</p> <p>Robotics and mechatronics</p> <p>Automation and robotics</p>
8	Kazakh National Agrarian University	<p>1C Accounting</p> <p>Landscape design</p> <p>Law</p> <p>Agribusiness organisation</p> <p>Veterinary</p>
9	Asfendiyarov Kazakh National Medical University	Nursing
10	Kazakh National Kurmangazy Conservatoire	Organ
11	IITU	<p>Engineering mathematics</p> <p>Business Process Optimisation</p> <p>3D modelling</p> <p>Internet of Things</p> <p>Data Science</p> <p>PR (PR strategies and tactics, Crisis PR, PR texts writing skills)</p> <p>Global Policy and Information Security</p> <p>SMM (Fundamentals of media communication, Digital Marketing, Writing &amp; media text skills for social networks)</p> <p>Video Creation</p> <p>Oracle</p> <p>SAP</p> <p>Game development</p> <p>Mobile</p>

		ACM ICPC IoT Security operation centre Robotics Networks Fundamentals of wireless telecommunication technology Telecommunication networking technology Mathematical Modeling and Numerical Methods Fundamentals of Semiconductor Devices Management in Pedagogy Basics of Life Safety Digital Signal Processing Software Architecture and Design (SDP5) CyberOps Associate Cisco Certified Network Professional Innovation Management E-business Financial Engineering Financial Technologies
12	KIMEP University	Accounting Communication Development Economics Finance Financial Economics Public Financial Management

	<p>Management</p> <p>General Security and International Relations</p> <p>History</p> <p>Human Resource Management</p> <p>Human Resource Management in the Public Sector</p> <p>International Customs Administration</p> <p>International Law</p> <p>International Organizations</p> <p>International Relations</p> <p>Information Systems &amp; Computer Applications</p> <p>Law</p> <p>Leadership</p> <p>Marketing</p> <p>Media and politics</p> <p>Public International Law</p> <p>Public Management</p> <p>Public management and international affairs</p> <p>Politics and media</p> <p>Operations management</p> <p>Public Policy and Administration</p> <p>Private law</p> <p>Public Sector Accounting</p> <p>Regional Studies and Energy Policy</p> <p>Tourism and Hospitality</p> <p>Tourism and Hospitality Management</p>
--	--



		Taxation International Law Law Communications Development Economics Financial Economics History International Organizations Public Sector Accounting Media and Politics Public Management and International Relations Regional Studies and Energy Policy Health Services Management European Studies International Trade and Customs Management International Development International Organizations Human Resource Management in the Public Sector Mathematics Economic Policy and Development Global Security and International Relations International Relations Economics and Law Public Sector Auditing English Language
--	--	--

		English Language Teaching Russian (for international students except CIS nationals) Translation studies
13	Kainar Academy	Business communications Entrepreneurship Law and business
14	International Education Corporation	Information technology in translation Additional foreign language Additional foreign language Finance Accounting and Audit Business English Cisco Networking Furniture Design Information Modelling and Energy Efficiency Architecture Cartography Cadastre
15	KazATC named after M. Tynyshpayev	6B11325-Logistics (by branch) 6B11322-Carriage, Traffic and Transport Management 6B11325-Logistics (by branch) 6B04103-Economics 6B04101-Accounting and Audit 6B11325-Logistics (by branch) 6B04101-Accounting and Audit

		6B06266-Radio Engineering, Electronics and Communication Technology 6B04101-Accounting and Audit 6B04101-Accounting and Audit 6B11325-Logistics (by branches) 6B06105-Programming Technology and Software 6B11325-Logistics (by branches) 6B06105-Computer Science and Software 6B11325-Logistics (by branch) 6B07621-Standardisation and Certification 6B11325-Logistics (by branch) 6B07621-Standardization and Certification 6B11233-Life Safety and Environmental Protection 6B04101-Accounting and Audit
16	Narhoz University	Financial law Marketing. research. Urbanisation and Sustainable Development International and national security Memory in culture. Final Statements of Economic Entities International Standard Financial Reporting. Info.an.b-pr.(Ex,GR,SAS) Water and land resources management. Regional Economy. Kazakh-na Psychology of Management Online Tour and Inter.Tech.

		<p>Public-Private Partnerships</p> <p>Axiological foundations of culture.</p> <p>Law-making activity.</p> <p>Dialectics of thinking</p>
17	Kazakh Academy of Sports and Tourism	<p>Physical education. Sports journalism</p> <p>Physical culture. Health management</p> <p>Physical training and security activities</p> <p>Physical training and sports psychology</p> <p>Physical education and sports management</p> <p>International Tourism: Tourism and Business Industry</p>
18	Almaty University of Power Engineering and Telecommunications named Gumarbek Daukeyev	<p>Huawei's advanced technology</p>
19	Almaty Technological University	<p>Business organisation</p> <p>Business accounting and taxation</p> <p>Developing digital competences in technology</p> <p>Bioinformatics</p> <p>Production Automation</p> <p>Environmental Engineering</p> <p>Environmental Technology</p> <p>Robotics</p> <p>Refrigeration and SCS</p> <p>Algorithmisation and programming</p>
20	Almaty Management University	<p>Entrepreneurship</p>

		Accounting and auditing Marketing Graphic Designer
21	Eurasian Technological University	LAW Business economics
22	Kazakh Ablai khan University of International Relations and World Languages	Kazakhstan and the 21st Century Silk Road: New Regional Partnership Mechanisms International Translator/Media Communications Specialist International Translator/Media Communicator "Crisis regions" of the world in contemporary global geopolitical processes Information policy of Central Asian states in the system of international relations Goeconomic foundations of regionalization processes Strategy and peculiarities of geopolitical regionalization of countries Legal status of legal entities in civil law Legal assessment of economic activities Module 3.2. Organisation of domestic tourism (Psychology of tourism activities, Tour product development, Calculation, analysis, and calculation of the tour) Module 3.3. Event Tourism and Event Management (Event Event Organisation Planning and Technology, Event Tourism and Event Promotion) Module 5.1.1 Media and International Relations Module 5.1.2 Political Communication Investment Manager/Economic Analysis of Investment Project Efficiency/Public Investment and Portfolio Management Social Innovation and Design Thinking.Public and Government Relations/Event Management in the Marketing Communications System/Country Economics "Minor Investment and Innovation Model of World Economy Development/Analysis and Evaluation of Investment Projects/Innovation Economics"

		"Minor Labour Economics and Business Accounting/Cost Management/Labour Economics/Labour Regulation" Investment Manager/Economic Analysis of Investment Project Efficiency/Public Investment and Portfolio Management
23	Almaty Academy of Economics and Statistics	Finance Management Economics Marketing and advertisement Information Systems Accounting and auditing
24	University of Almaty	Management in education; Sports psychology; Business informatics; Psychology of management in an organisation Human Resources Management Projective methods for the practical psychologist Therapeutic Pedagogy in Special Education Certified Accounting Practitioner
25	Egyptian University of Islamic Culture Nur-Mubarak	Social psychology
26	Kazakh Automobile and Road Institute named after Goncharov	The basics of SMART technology in transport
27	Kazakhstani-British Technical University	Minor in IT Minor in Finance Minor in Accounting and Audit Minor in Management Minor in Marketing

28	Kazakh Academy of Labour and Social Relations	Legal regulation of information security Legal support for logistics 1C: Accounting Digital technologies in professional activities Intercultural Communication in a Globalized World Psychological mechanisms of regulation of personal social behaviour
29	Atyrau Oil and Gas University	Business marketing Oil and gas field development and exploitation Oil & Gas Geology Technology of high-molecular compounds Info-communication systems Standardisation and Metrology in Construction Digital broadcasting Banking accounting and audit
30	Atyrau Institute of Engineering and Humanities	Foreign language Entrepreneurship and management
31	West Kazakhstan University named after M. Utemissov	Defectology Speech therapy Artistic Work Local public administration Corporative law
32	Rudny Industrial Institute	Information systems
33	Kostanay engineering and economics university named after M. Dulatov	Entrepreneurship Information technology in the professional sphere

34	Toraighyrov University	Entrepreneurship E-Learning in today's educational space
35	Pavlodar Pedagogical University	Informatics and robotics Mathematics Physics Informatics Mathematics Informatics Organizer of extracurricular activities, music director, teacher of the children's music school Coach of a selected sport Translation Organisation of additional education for children Extracurricular management Archaeology Natural sciences - science teacher training Speech therapy.Oligophrenopaedagogy Diagnostics of biological objects Organization of tourism and regional studies Management in Education with knowledge of languages Practical psychology
36	Innovative Eurasian University	IT technology Entrepreneurship Languages



37	Ekibastuz technical and engineering institute named after the academician K.Satpayev	<p>A health-promoting learning environment</p> <p>Economics</p> <p>Information Systems</p> <p>Heat power</p> <p>Power engineering</p> <p>Automation and Control</p> <p>Technological machines and equipment</p> <p>Transport machinery maintenance and repair system</p> <p>Mining engineering</p> <p>Metallurgy</p> <p>Energy Efficient Design, Repair and Reconstruction Technology for Construction Projects</p> <p>Transport Organisation and Transport Logistics</p>
38	Kozybayev University	<p>Digitalisation in crop production</p> <p>Digitalisation in animal husbandry</p> <p>Innovation and Technology in Forestry</p> <p>Basic Principles of Safer Products</p> <p>IT in Plant Protection</p> <p>Financial and Management Business Intelligence</p> <p>Banking</p> <p>Tax analytics and consultancy</p> <p>HR management</p> <p>Project management</p> <p>E-publishing</p> <p>Modern Biological Research Methods</p> <p>Hunting</p>

		<p>Nature management and management of natural resources</p> <p>Tourism and ethnography</p> <p>Ecological designing</p> <p>Tutoring in Education, Management in Education</p>
39	D. Serikbayev East Kazakhstan Technical University	<p>Language and communication</p> <p>Automobiles</p> <p>Pricing and estimating</p> <p>Physics and engineering applications</p> <p>Systems Engineering Graphics</p> <p>Safety-Free Movement</p> <p>Raster, Vector Graphics, 3D Modelling and Visualisation Applications</p> <p>Production of building materials</p> <p>Professional applications</p> <p>Business accounting and taxation</p> <p>Professional communication language</p>
40	Shakarim University Semey	<p>Interpreter in finance</p>
41	Kazakh University of Humanities and Law Innovation	<p>Business accounting and taxation</p> <p>Security at tourism facilities</p> <p>Business&amp;StartUp</p> <p>Computer graphics and design</p> <p>Psychology in professional activity</p> <p>Translation business</p> <p>Teaching Kazakh language and literature in schools</p>

42	Kazakhstan Innovation Academy	<p>Fundamentals of an anti-corruption culture</p> <p>Fundamentals of an anti-corruption culture</p> <p>Basics of an anti-corruption culture</p> <p>Fundamentals of information protection in computer systems</p> <p>Entrepreneurship</p> <p>1C - Accounting</p> <p>Production economics and organisation</p> <p>Basics of Business and Enterprise</p> <p>Public Procurement and Property Management</p> <p>Resource Saving in Economics</p> <p>Accounting according to IFRS</p> <p>French</p>
43	Zhetysu University named after I. Zhansugurov	<p>Human anatomy and physiology</p> <p>Business administration</p> <p>Business administration</p> <p>Business informatics</p> <p>Accounting with Information Technology</p> <p>Household chemistry</p> <p>Advanced mathematics</p> <p>Occupational health and safety</p> <p>Design</p> <p>Natural history and regional studies</p> <p>Health saving educational technologies</p> <p>Information Technology</p>

		<p>History of the Great Steppe</p> <p>Computer graphics</p> <p>Culture of oral and written speech</p> <p>Environment and Nature Management</p> <p>Basics of Audit</p> <p>Basics of Business Communication</p> <p>Basics of Journalism</p> <p>Business valuation and analysis</p> <p>Children's leisure time pedagogy</p> <p>Applied Psychology</p> <p>Professional English</p> <p>Modern Physics and Astronomy</p> <p>Product Standardization and Quality Assurance</p> <p>Tutor-teacher</p> <p>Physical Education and Sports</p> <p>Financial Literacy</p> <p>Decorative arts</p> <p>Law: Public Law Profile</p> <p>Law: civil and legal profile</p> <p>Law: Criminal law profile</p>
44	Karaganda State Industrial University	<p>IT technology</p> <p>Economics and Management</p> <p>3D engineering</p>
45	E.A. Buketov Karaganda University	<p>Education management</p> <p>Preschool manager</p>

	<p>         Organisation of classroom management          Physical education teaching methods          The methodological basis of the coach's profession          Basics of Design          Technology of Art Work          Religion Studies, Archival and Museum Affairs          Information Technologies in Educational Process          Natural Mathematics          Natural Mathematics          Natural Mathematics Natural and Mathematical          English language module          Environmental Biology          Hydrometeorology          Archive and museum studies          Translation practice          Professional and Linguistic          Linguodidactics and teaching methodology of Russian as a foreign language          Basics of Early Foreign Language Education and Translation          Basics of Early Foreign Language Teaching and Translation Studies          Pedagogical Support for Children with Special Educational Needs          Fundamentals of teacher training for teachers with special educational needs          Fundamentals of teacher training          Philosophy as a cultural phenomenon          Religion as a cultural phenomenon          Fundamentals of teacher training       </p>
--	--

	<p>Linguistic and Methodological</p> <p>Theoretical and Methodological</p> <p>Theoretical and Methodological</p> <p>Methods of teaching Kazakh language and literature</p> <p>Political Dimension of Social Life</p> <p>Mediation in Relation to Society</p> <p>Psychology of Personnel Management</p> <p>Political Dimension of Social Life</p> <p>PR technologies in the political sphere</p> <p>Further vocational training</p> <p>Further Vocational Training</p> <p>Business administration for entrepreneurship</p> <p>Entrepreneurship strategies and project management</p> <p>Business analytics and consultancy technologies</p> <p>Financial management</p> <p>Internal Audit</p> <p>Construction and Real Estate Supervision</p> <p>Financial Management Basis</p> <p>International business</p> <p>Legal Technologies in Business</p> <p>Modern Management Technologies</p> <p>PR in Law</p> <p>Professional Pedagogical</p> <p>Biotechnology in Medicine</p> <p>Basics of Fundamental Biology</p>
--	---

		<p>Natural resources</p> <p>Modern methodology in theoretical chemistry</p> <p>Methods of teaching basic theoretical chemistry</p> <p>Engineering</p> <p>Heat Power Engineering</p> <p>Basics of pedagogy and methodology</p> <p>Programming languages and technologies</p> <p>IT infrastructure, cyber security, blockchain in business processes</p> <p>Software engineering and robotics</p> <p>Programming</p> <p>Basics of electronic resources management</p> <p>Digital Optimization Techniques in Chemical Engineering</p> <p>English module</p> <p>Wave Processes in Chemical Engineering</p> <p>Computer Modeling and Digital Electronics</p> <p>Structural Materials and Diagnostic Methods</p> <p>Technical Maintenance of Automobiles</p> <p>Health and Social Work Practice</p> <p>Booking System</p> <p>Stage and Production Show Programming</p> <p>Customer centric business</p> <p>Basics of digital electronics and automation</p> <p>Modern recruitment and staff development technologies</p> <p>Railway transport organisation</p> <p>Computer-aided engineering and nanotechnology in chemical and petrochemical production</p>
--	--	--

		Business management Special technologies in law enforcement
46	Zhezkazgan Baikonurov University	"Digital economy and data processing tools"
47	Central Kazakhstan Academy	Office management in the national language Theory and practice of distance learning Organization and planning of scientific research Basics of Modern Russian Language Basics of Acmeology Basics of Social Medicine Latin Logic Basics of economic theory Financial law of the Republic of Kazakhstan Controlling Business valuation Bankruptcy and reorganization of enterprises Entrepreneurial law of the Republic of Kazakhstan Business organisation Project Management Management decision making
48	K. Zhubanov Aktobe Regional University	Marketing Translation studies Journalism English in Services Tourism Management



		PR-manager Transport Organisation, Traffic and Transport Management 5B070400 Computer Engineering and Software
49	Baishev University	Tax advisor 1C: Accounting Environmental calculations and ERA software package Business idea presentation Presentation of the business idea Mathematical packages for engineering and scientific calculations Mathematical modelling methods in the oil and gas industry Methods of combinatorial optimization in management of oil and gas industry facilities Mathematical statistics for ecological research Mathematical modeling for oil and gas industry" (economic aspects) Actuarial mathematics modern technologies Mathematics learning in primary schools
50	South Kazakhstan Medical Academy	"Legal support for medical practice" "Effective Psychologist "Business and marketing "Information and communication technology in medicine and the social sphere: current trends" "Sociological studies in the digital society" "Pharmaceutical manufacturing automation engineer "Academic language and fundamentals of management" "Sustainable Business" JSC Narhoz University
51	South Kazakhstan State Pedagogical University	Social psychologist Teacher-educator in supplementary education

		<p>English elementary school          ICT elementary school          Military engineering training          Sports coach          Vocal coach/ Music teacher          Artistic and graphic arts/ Artistic work and technology/          Vocational Economics          Vocational Legal Area          Mathematics tutor          Physics-Astronomy          Robotics          Chemist-technologist          Biotechnology          Tourism and local history          History-Archivist/Museology Historian          Journalist          Employee of educational, cultural editorial and publishing organisations, project foundations          Interpreter          Translator          Employee of educational, cultural editing and publishing organisations, project foundations          Psychologist          Typhlo-pedagogue/ speech therapist/          Deaf-blind educator</p>
52	Shymkent University	<p>6B01403-Art and Drawing/Animation-Animation          6B01505-Geography/Tourist Business</p>

		6B01504-Biology/Landscape Design 6B04201-Jurisprudence/Customs
53	Mardan Saparbayev Institute	Designer programmer Designer Entrepreneur Taxation and law Financial consultant Coach Management analyst Journalism Broadcasting announcer Translation Art Therapy Teacher organiser Speech therapist Physical therapy instructor Physical education instructor
54	Sh. Ualikhanov Kokshetau University	6B04103 Management in Industries 6B04102 Accounting and Audit (Accounting and Economic Analysis) 6B02302 Translation studies
55	Aktau University of Humanities and Technology	Language competences
56	A. Baitursynov University	Media Communications Module (SMM Management, Media Literacy) Foundations of Computer Linguistics module (Text Automatic Processing Technology, Modelling in Computer Linguistics) Legal Consulting Module (Business Law, Fundamentals of Penal Law) Module "Start-up idea and desire to create"- Part 1 (Modern innovations in IT sphere, Innovation and patent activity)

		<p>Module "Start-up idea and desire to create" -1 part (Modern innovations in IT sphere, Innovative and patent activity)</p> <p>Module "Start-up idea and desire to create"-1 part (Modern innovations in IT sphere, Innovative and patent activity)</p> <p>Module Business and Image Communications (Imageology. How to make people like you, Speaking Wizard)</p> <p>Business and Image Communication module (Imageology. How people like you, eloquence workshop)</p> <p>Business and Image Communication module (Imageology. How to make people like you, eloquence workshop)</p> <p>Multimedia and Web-development module (Fundamentals of Web-development, Multimedia Technology)</p> <p>Pedagogical animation</p> <p>Applied Chemistry</p> <p>Human Ecology in Conditions of Digitalization</p> <p>Professional English</p> <p>Distance learning technologies</p> <p>Computer design</p> <p>Holidays and entertainment organiser</p> <p>Design</p> <p>Language and Communication</p> <p>Organisation of entrepreneurial activity in educational institutions</p> <p>Pedagogy of innovation</p> <p>Inclusive education</p> <p>Psychological diagnostics and counseling on personal mental health issues in education</p> <p>Psychology in organisational and human resource management</p> <p>Speech therapy technologies</p> <p>Correctional and developmental work workshop</p> <p>Applied Psychology</p> <p>Speech Technology and Speech Mastery</p>
--	--	---