

INTERNATIONALIZATION STRATEGY OF THE SAKEN SEIFULLIN KAZAKH AGROTECHNICAL UNIVERSITY FOR 2020-2024

MISSION, OBJECTIVES AND PRIORITIES OF UNIVERSITY INTERNATIONALIZATION

The Internationalization Strategy of the Saken Seifullin Kazakh Agrotechnical University (hereinafter - KATU) was developed and included in the KATU 2020-2024 Development Program. The Internationalization Strategy of KATU is designed to contribute to one of the main objectives of the University in 2020-2024, which is to develop international cooperation.

The mission of KATU is to generate, introduce, disseminate and apply advanced knowledge to improve the quality of life, productivity and competitiveness of the agro-industrial complex and other sectors of the economy of Kazakhstan.

The KATU Strategy until 2024 is to build the best in Kazakhstan system of advanced training of specialists and scientific-pedagogical staff in accordance with international standards by providing wide opportunities to choose the level, content, form and terms of study based on unique curricula and academic mobility.

KATU will, as a matter of priority, develop cooperation with organizations - consumers of scientific developments and employers of graduates at all stages: from joint setting of priorities to implementation of scientific results in practice.

The strategic objectives will be pursued through the following tasks:

- Restructuring KATU into an autonomous educational organization.
- To achieve and maintain the highest standards of faculty, administrative and support staff.
- Expansion of scientific research, transfer of advanced knowledge and technologies in the most priority areas for Kazakhstan.
- Modernization of educational process through introduction of unique educational curricula developed on the basis of own scientific results with participation of employers, leading domestic and foreign professors and scientists.
- Development of multilingual education and formation of English-speaking language environment with the purpose of transfer of missing competences and training of graduates in accordance with generally accepted in the world standards.
- Expanding international cooperation with the world's leading research universities and scientific centers through academic mobility, research and innovation projects.
- Modernization and expansion of educational, research, production-experimental and social infrastructure to improve the educational process, living conditions of students and faculty.
- Constant updating of civic, educational and cultural work aimed at forming a comprehensively developed, creative personality.
- Forming in the society a stable opinion about the prestige and elitism of education in KATU.

PRIORITIES FOR THE DEVELOPMENT OF THE KATU:

1. In the field of Education Internationalization:

- Systematic implementation of the European Higher Education Area instruments in the University educational process.
- The organization and systematic implementation of work on the development of Educational Programs (EP) in training areas, in accordance with the International Standard Classification of Education (ISCED 2013) for integration into the European educational space and taking into account the requirements and needs of the real economy.

2. In the field of Internationalization of Research:

- Involvement of teachers, doctoral candidates, master's students and students in scientific researches, ensuring their wide participation in competitions of scientific projects of domestic and foreign funds and organizations.
- Increasing the number of publications in ranked scientific publications with a high impact factor.

3. In the field of Development of International Cooperation:

- Increasing the competitiveness of graduates in the international labor market.
- Increasing the recognition of the university in the international market.
- Development of the degree of the university internationalization in the field of education and research (recruitment of foreign students, organization of exchange programs, as well as the organization of individual student mobility (Regulations on the organization of external academic mobility of students); exchange of teachers, the creation and conduct of joint educational and research programs and internships, the organization of intensive language courses and summer schools (Regulations on the organization of academic mobility of students), (Regulations on the attraction of foreign students), (Regulations on the organization of academic mobility of students).
- Increase in the export of educational services and scientific products and services (foreign language teaching; use of new technologies, including distance learning; increase in the number of subjects taught in English (Regulations on the organization of multilingual education in KATU).
- Improvement of the management system of the international activity of the university (issues of certification, recognition and evaluation of the quality of the educational process: introduction of a system of international standards in education, recognition of documents on education).

No. pp	Name of sections and events	Deadlines	Responsible forexecution	Projected indicators
1	INTERNATIONALIZATION OF EDUCATION			
1.1	Systemic implementation in the educational process of the university of the European Higher Education Area instruments.	2020-2024	First Deputy Chairman of the Board; Director of the Department of Academic Affairs (DAA); Head of the department of planning and organization of the educational process; EU project coordinator Erasmus+	KATU's proposals for inclusion in normative legal acts regulating the measurement of the complexity of the educational process in credit units (assessment) in accordance with ECTS, developed as part of the EU Erasmus+ PAWER project "Paving the way to inter-regional mo-

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			PAWER	bility and ensuring compliance, quality and equality of access”
1.2	Organization and systematic work on the development of Educational Programs (EP) in the areas of training, in accordance with the International Standard for the Classification of Education (ISCED 2013) for integration into the European educational space and taking into account the requirements and needs of the real sector of the economy.	2020-2024	First Deputy Chairman of the Board; Director of the Department of Academic Affairs; Head of the department of planning and organization of the educational process; Director of the International Cooperation and Multilingual EducationDevelopment Center (ICMEDC)	Development and modernization of educational programs for bachelors and undergraduates, taking into account the experience of implementing EU Erasmus+ precision agriculture projects (NICOPA); bioresource management (SUSDEV); Sustainable Agricultural and Rural Management (SARUD); deep processing of raw materials and biofuel production (ASIAXIS).
1.3	According to the UC Davis model, which is one of the leading agricultural research and educational centers in the world, with the support of professors and experts will develop and implement measures to reform KATU into a research university.	2020-2024	First Deputy Chairman of the Board; Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of the Department of Academic Affairs; Head of the department of planning and organization of the educational process; Director of the International Cooperation and Multilingual EducationDevelopment Center	maintaining the current status of the Agreement on cooperation between KATU and UC Davis dated June 28, 2014.
1.4	As part of the modernization of the educational process, in conjunction with AgroParisTech double-degree graduate programs of (1) soil science, (2) livestock, (3) plant protection will be developed.	2020-2024	First Deputy Chairman of the Board; Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of DAA; Head of the department of planning and organization of the educational process; Director of ICMEDC	start of implementation of at least one two-degree master's program with AgroParisTech.
1.5	Work on the two-diploma education with the	2020-2024	First Deputy Chairman of the Board;	implementation of a double-degree education

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	University of Applied Sciences Weihenstephan -Triesdorf (Germany) and the University of Milan (Italy).		Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of DAA; Head of the department of planning and organization of the educational process; Director of ICMEC	program in the areas of "Agricultural Management" and "Information Technology".
1.6	Creation of international competence centers together with academic and non-academic technologies carrier partners. Emphasis will be placed on the development of knowledge and innovations that underlie in the basis of the studied technologies, with a view to their subsequent application in research and educational activities. Campuses and technological platforms of KATU will serve as the basis for the creation of international centers. To search and attract potential partners, partnerships of foreign universities and scientific organizations cooperating with KATU, as well as the resources of diplomatic missions of foreign countries in the Republic of Kazakhstan will be used.	2020-2024	First Deputy Chairman of the Board; Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of ICMEC; Director of the Center for Extension	The results will be put into practice: (1) the inclusion of appropriate modules in the educational programs of KATU, (2) the provision of services on the basis of the acquired competencies, and (3) the implementation of programs within the framework of the knowledge dissemination system. Intensification of the work of the Center for Continuing Education "Green Skills" on the basis of the "Sary-Arka" research and production complex, within the framework of the EU Erasmus+ SUSDEV project "Lifelong Learning for Sustainable Development" (continuing education courses for employers through ATI KATU).
1.7	An increase in the number of educational programs in English. Currently, KATU offers 116 disciplines in English.	2020-2024	First Deputy Chairman of the Board; Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of DAA; Head of the department of planning and organization of the educational process; Director of ICMEC	Within the framework of the Program, emphasis will be placed on the quality of teaching in English, and the number of taught disciplines will be increased to 120. Accordingly, as the taught disciplines expand, the number of students from foreign countries will increase.

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2	INTERNATIONALIZATION OF SCIENTIFIC RESEARCHES			
2.1	Ensuring the participation of the university in the implementation of international programs and scientific projects.	2020-2024	Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of the Department of Science	University annual participation in at least 2 projects.
2.2	Attracting undergraduates and doctoral students to participate in international research projects and programs.	2020-2024	Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of the Department of Science	At least 2 young scientists involved in international research projects.
2.3	An increase in the number of scientific publications in rating journals with a high impact factor, including publications included in the abstract databases of Web of Science and Scopus.	2020 -2024	Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of the Department of Science	The increase in the number of scientific publications.
2.4	Participation of students, undergraduates and doctoral students in international and national olympiads, conferences, seminars and competitions of scientific works.	2020-2024	Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of the Department of Science, Deans of faculties	Annual increase in the number of participants.
3	DEVELOPMENT OF INTERNATIONAL COOPERATION			
3.1	Popularization of KATU abroad, using the active work of the university portal, as well as an active presence in social networks.	2020-2024	Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of ICMEDC; Deans of faculties	Constant updating of information, creation of new sections on the portal, increase in the number of foreign languages used.
3.2	To improve the reputation of KATU in the world agricultural science system, together with partner organizations, at least one international conference will be held annually on the most relevant areas of science and technology development.	2020-2024	Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of ICMEDC; Deans of faculties	Starting in 2023, conferences will be held entirely in English.

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3.3	Improving the management structure in areas of international cooperation.	2020-2024	Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of ICMEDC	Identification at faculties, departments and structural units of the persons responsible for the development of international cooperation and work in the framework of international programs and projects.
3.4	Continued cooperation with traditional KATU partners from Europe, USA, Australia, Canada, Southeast Asia and the CIS. Cooperation with them will be focused on specific areas of mutual interest, with clear scientific-research or academic goals.	2020-2024	Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of ICMEDC; Deans of faculties	The share of international cooperation agreements, on the basis of which active actions are carried out, in the total number of concluded international cooperation agreements will be at least 25% in 2024.
3.5	<p>Invitation of foreign professors from partner universities (Visiting Professor) with practical experience in teaching in the same environment as created at KATU, which will significantly accelerate the reform and ensure the achievement of several results:</p> <p>a) the development of their own competence by improving the qualifications of the teaching staff of KATU in the process of joint work with foreign colleagues;</p> <p>b) the solution by foreign professors of problems that previously could not be solved due to the lack of the necessary competence in KATU; integration into the world scientific and educational space due to the authority and connections of foreign professors.</p>	2020-2024	Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of Affairs; Deans of faculties	2020-8, 2021-21, 2022-27, 2023-30, 2024-28
3.6	The direction of the KATU faculty for teaching at foreign universities - partners. In order to deepen partnerships, gain international	2020-2024	Deputy Chairman of the Board for Science, Innovation and International Affairs;	2020-2, 2021-3 , 2022-5 , 2023-7 , 2024-10

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	<p>experience and practice staying in a foreign language environment, the direction of the KATU faculty will be expanded to partner universities for reading individual courses of disciplines. Sources of financing for this activity will be funds from foreign universities - partners, foreign and international programs, and also, in cases of KATU initiative to send its faculty abroad, KATU own funds will be used.</p>		<p>Director of ICMEDC; Deans of faculties; Director of the Department of Human Resources and Document Management</p>	
3.7	<p>Enhancing academic mobility of students with the aim of access to additional knowledge and competencies, including in the following areas:</p> <p>a) double- degree educational programs in conjunction with domestic and foreign universities, based on the mutual provision of resources of partner organizations (mainly universities from the TOP-20 of the QS sectoral rating), with the transfer of part of the educational process to their base;</p> <p>b) sending students to study during one full academic period at partner universities (mainly at UC Davis and AgroParisTech) - at the expense of the program of the Ministry of Education and Science of the Republic of Kazakhstan, or a new budget program (or by increasing the cost of a state educational grant), if necessary, with partial co-financing at the expense of KATU own funds or students' funds;</p>	2020-2024	<p>Deputy Chairman of the Board for Science, Innovation and International Relations; Director of ICMEDC; Deans of faculties; Director of DAA; Head of the department of planning and organization of the educational process</p>	2020-16, 2021-31, 2022-39. 2023-47. 2024-49

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	<p>c) sending students for semester studies to universities in neighboring countries, mainly to the EEC countries, through mutual exchange of students on the same conditions determined by KATU and the host university individually in each case;</p> <p>d) sending students for semester studies to leading domestic universities of the corresponding profile - through mutual exchange of students on the same conditions or on a paid basis at the expense of KATU's or students' own funds;</p> <p>e) short-term internships of undergraduates in order to study certain, completed subjects in the relevant disciplines according to pre-agreed programs: (1) for undergraduates with high academic performance and a level of knowledge of a foreign language - abroad, (2) for other undergraduates - in the Republic of Kazakhstan.</p>			
3.8	Participation in foreign exhibition and fair events in the field of education and science.	2020-2024	Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of ICMEDC	Annual participation in international scientific and educational events.
3.9	The university's participation in the implementation of international programs, projects, contracts and other activities in conjunction with foreign educational institutions and research organizations, including at HORIZON 2020; Erasmus + ("Capacity Building in Higher Education",	2020-2024	Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of ICMEDC; Deans of faculties	The annual participation of the university in the competition of international programs.

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	“International Credit Mobility”, German Academic Exchange Service (DAAD), Turkish International Cooperation Agency (TIKA), American Agency for International Cooperation (USAID).			
3.10	Improving the academic mobility of employees and students through: - creating joint educational programs and projects; - creating conditions for the participation of university employees and students in international programs and projects, olympiads, championships, festivals and other international events; - attracting financing from third parties (international programs, projects, scholarship funds, sponsorship, etc.); - development of interaction with private sector enterprises capable of providing places for practice / internship.	2020-2024	Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of ICMEDC; Deans of faculties	The annual increase in the number of employees and students of KATU who took part in academic mobility projects.
3.11	The increase in the number of students from among foreign citizens.	2020-2024	Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of ICMEDC; Deans of faculties; Selectioncommittee	The growth in the number of foreign students at the university to 10 % of the total number of students.
3.12	Brand Book Development for a Marketing Strategy for Educational Services Promotion.	2020-2024	Deputy Chairman of the Board for Science, Innovation and International Affairs; DirectorofICMEDC	Implementation of marketing strategy activities in the countries of near and far abroad.
3.13	Expanding the range of educational services,	2020-2024	Deputy Chairman of the Board for Sci-	Development of educational programs in Eng-

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	including in English.		ence, Innovation and International Affairs; Director of ICMEDC; Dean of the Faculty of Agronomy; Dean of the Faculty of Technology; Dean of the faculty of Land Management, Architecture and Design	lish. Implementation of the Summer School of Forestry based on "Sary-Arka" - annually; summer school within the framework of the EU Erasmus+ NICOPA project "New and innovative courses in precision agriculture" – 2021.
3.14	Students' participation in foreign practice under the program of the University of Applied Sciences Weihenstephan - Triesdorf, the LOGO Farmers Union, the DEULA Center for Continuing Education (Germany); Higher Agricultural School of Angers (France).	2020-2024	First Deputy Chairman of the Board; Deputy Chairman of the Board for Science, Innovation and International Affairs; Director of ICMEDC; Deans of faculties	At least 10 students participate annually for each program.