

APPROVE

**Acting Board member-
Vice- Rector**

for social development

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**ACCOMMODATION OF STUDENTS WITH SPECIAL
EDUCATIONAL NEEDS AND PERSONS WITH DISABILITIES
ON CAMPUS**

General Provisions

Education in Kazakh National University named after Al-Farabi (hereinafter KazNU or the University) for disabled people and persons with disabilities (hereinafter HIA) can be carried out both in general groups and on individual programmes.

Special rights at admission to training of disabled persons and persons with disabilities on bachelor's, master's and doctoral programmes, as well as the opportunity to choose the form of entrance examinations (written or oral), the ability to use technical means, the assistance of an assistant, increasing the duration of entrance examinations are regulated by the Rules of admission to KazNU.

Regulations on scholarship provision of students in KazNU regulates the payment of social scholarship and material support to disabled people and persons with disabilities.

In accordance with the Regulations on the hostel of KazNU disabled people and persons with disabilities have the priority right to free provision of living quarters for accommodation in hostels (Student Houses) of KazNU.

Peculiarities of admission to training

The University provides entrance tests for entrants from among the disabled and persons with disabilities (hereinafter - entrants with disabilities). The University ensures the creation of conditions taking into account the peculiarities of psychophysical development of applicants (entrants) of their individual capabilities and state of health (hereinafter respectively - special conditions, individual characteristics).

The University has created material and technical conditions that ensure the possibility of unhindered access of entrants with disabilities to classrooms, computer classes, sanitary-hygienic (toilet) rooms, medical centre, biblioteny and other premises, as well as their stay in these premises.

Entrance tests for entrants with disabilities are held in a separate auditorium in compliance with the requirements for the maximum number of entrants established

by the Ministry of Education and Science of the Republic of Kazakhstan (when taking an entrance test in written form - 12 people; when taking an entrance test in oral form - 6 people).

It is allowed the presence in the auditorium during the entrance test of a greater number of entrants with disabilities, as well as conducting entrance tests for entrants with disabilities in the same auditorium together with other entrants, if it does not create difficulties for entrants when taking the entrance test.

When conducting entrance examinations, if necessary, the presence in the auditorium of an assistant from among the employees of the University or involved persons, providing applicants with disabilities with the necessary technical assistance, taking into account their individual characteristics (to take a workplace, move around, read and draw up the task, communicate with employees of the University conducting the entrance examination) is allowed.

The duration of the entrance examination for applicants with disabilities shall be increased by 1.5 hours.

Entrants with disabilities is provided in an accessible form for them information about the order of entrance examinations by placing on the official website of KazNU and information stands of the admission committee.

Entrants with disabilities can in the process of passing the entrance test use technical means necessary for them in connection with their individual characteristics.

When conducting entrance examinations, the following additional requirements shall be met depending on the individual characteristics of entrants with disabilities:

1) for the blind:

tasks to be performed at the entrance examination shall be drawn up in Braille or in the form of an electronic document accessible by means of a computer with specialised software for the blind, or shall be read out by an assistant;

written tasks are performed on paper in Braille or on a computer with specialised software for the blind, or are dictated to an assistant;

applicants are provided with a set of writing utensils and paper for writing in Braille, a computer with specialised software for the blind, if necessary;

2) for the visually impaired:

- individual uniform illumination of not less than 300 lux is provided (in the case of face-to-face entrance examinations);

- entrants are provided with a magnifying device to perform the task if necessary (in the case of face-to-face entrance examinations); it is also possible to use their own magnifying devices;

- tasks for fulfilment, as well as the instruction on the procedure for conducting entrance examinations are drawn up in enlarged font;

4) the services of a sign language interpreter shall be provided for the deaf-blind (in addition to the requirements fulfilled for the blind and deaf respectively);

5) for persons with severe speech impairments, deaf, hearing impaired, entrance tests conducted in oral form shall be conducted in written form using tests

(additional entrance tests of creative and (or) professional orientation, entrance tests for admission to master's and doctoral programmes - by decision of the University);

6) for persons with locomotor system disorders, motor disorders of the upper limbs or lack of upper limbs:

- written tasks shall be performed on a computer with specialised software or dictated to an assistant;

- entrance tests conducted in written form are conducted orally.

The University appoints those responsible for working with incoming persons with disabilities for bachelor's, master's and doctoral programmes, for the organisation of career guidance and volunteer support for incoming persons with disabilities.

Adaptation of educational programmes

From the moment of enrolment and admission to KazNU applicants with disabilities belong to the contingent of students with special educational needs (hereinafter referred to as SEN). During the classes in groups where students with special educational needs are trained, it is possible to use sound-amplifying equipment, multimedia and other means to increase the level of perception of educational information by students with various disorders.

The form of current and final attestation for students with special educational needs - at their request, submitted before the beginning of state attestation, may be established taking into account individual psychophysical features (orally, in writing on paper, in writing on the computer, in the form of testing, etc.), if necessary, a student with special educational needs may be given additional time to prepare an answer in the examination.

In KazNU students with special educational needs can receive higher education with the use of distance technologies and elements of e-learning.

Term of study for students with special educational needs on an individual educational plan can be increased, if necessary, within the limits established by the State Educational Standards of the Republic of Kazakhstan.

If necessary, at the request of a student with a PLO, he can be assisted in determining the places of passing educational and industrial practices taking into account the special educational needs.

In respect of graduates of KazNU from students with special educational needs is carried out postgraduate support.

Barrier-free architectural environment

The university is working on creating a barrier-free architectural environment and increasing the level of accessibility of buildings and facilities to the needs of the following categories of students with OOP:

with visual impairment;

with hearing impairment;

with limited motor functions.

Conditions for unimpeded, safe and convenient movement of students with disabilities are created on the territory of KazNU. Ramps with handrails for access to educational buildings and auxiliary services are equipped, places for parking of vehicles of disabled people are allocated.

In general, in a standard classroom, seats at the first tables in the row by the window and in the middle row are offered to students with visual and hearing impairments, and for students travelling in a wheelchair there are 2 first tables in the row by the doorway with increased width of passages between the rows of tables, taking into account the access and turning of the wheelchair.

At the request of students in wheelchairs it is possible to schedule classes in such a way as to ensure a minimum of movement around the university - on one floor, in one wing, etc.

According to the programme of development of the property complex of KazNU it is planned to equip several places in the dining room and to equip a sanitary-hygienic room for students of different nosologies.

Special attention in KazNU is paid to security. The university has installed visual and sound warning systems and signalling of danger and other important events. Tactile tiles have been laid and continue to be laid in academic buildings and between buildings on campus. Thereby creating a tactile coating (tactile paving, Braille blocks) for the visually impaired, presenting to the latter a system of textured indicator of the ground surface, and indicating the direction of movement to the objects of KazNU infrastructure.

The main principle of architectural accessibility of the university is equality and convenience for all students and staff, including students with OOP.

Providing access to the building: stairs with handrails, there is a ramp, widened opening of the entrance door.

Accessibility of ways of movement inside the building: fire alarm and warning system; information board with tactile (spatial relief) information; stairs with handrails, ramp.

Availability of specially equipped sanitary and hygienic facilities for students with disabilities: toilet cubicles are accessible for students with reduced mobility, support handrails, bars, swivelling and folding seats are installed.

In case of difficulties in travelling around the university campus, there is an opportunity to use the services of a staff member to accompany students with disabilities.

Ensuring accessibility of buildings and campus grounds

Disabled Parking sign: equipment designed to indicate a parking space for a disabled person. Includes traffic signs.

Safety indicator sticker "yellow circle": designed as an informational sign, safety indicator - Beware of obstacle! ("yellow circle"). Installed on glass doors.

Information board for placement at the entrance to the institution (with flat-convex fonts and text duplicated in Braille): designed to inform visually impaired and blind visitors, as well as other MNG groups about the name of the institution.

All texts are in flat-convex fonts. Thanks to the duplication in Braille, it is informative for blind visitors.

Universal button with a wide pressing zone, with sound and light signal of pressing confirmation, vandal-proof housing, text duplicated in Braille: the button is designed to transmit the signal of calling for help to the receiver.

Set of information relief signs for people with disabilities: designed to inform students with disabilities about the availability of meaningful opportunities, ways of movement, presence of obstacles, etc.

Contrasting stripes on the stairs: the standards of equipment of the institution within the complex of measures to create accessibility requires the application of contrasting yellow stripes on the first and last steps of the stairs to indicate the dimensions of the stairs.

Mnemonic scheme: is a tactile scheme of movement around the building or adjacent territory of the institution with a list of objects, indication of their location, made in flat convex font and duplicated Braille. It allows blind and visually impaired visitors to orientate themselves in space.

Anti-slip "anti-heel" coating to be placed at the entrance to the institution: people with disabilities have an increased risk of injury on slippery surfaces. The entrances of each institution must be equipped with special means to prevent such risks. The type of weave - anti-heel - is necessary to prevent women's heels from getting into the voids of the pavement.

Sanitary room equipment: handrail for the sink with antibacterial coating. It is designed to enable people with impaired locomotor system functions to use the sink

Floor-to-wall handrail with antibacterial coating: designed to provide support when transferring a person from a wheelchair to the toilet bowl, as well as for using the toilet bowl by people with other mobility impairments.

Integrated support of the educational process and conditions for health saving

Integrated support of the educational process of students with OOP is linked to the structure of the educational process, determined by its goals, construction, content and methods. In KazNU is carried out organisational and pedagogical, medical and health and social support of the educational process.

Organisational and pedagogical support is aimed at the control of the student's study with PLO in accordance with the schedule of the educational process. It includes control of class attendance, assistance in the organisation of independent work, organisation of individual consultations for long-term absent students, control of current and interim certification, assistance in the elimination of academic arrears, correction of teacher-student interaction with the PLO. All these issues are solved jointly with supervisors of study groups, deans of faculties.

Medical and recreational support includes diagnosis of the physical condition of students with OOP, health preservation, development of adaptive potential,

adaptability to study. KazNU has an equipped medical centre providing free medical care.

Psychological and pedagogical support of students includes trainings of social and psychological cycle for the formation of social and communicative skills, which is necessary for students with OOP in professional development and career, job placement and interviewing, successful socialization and self-realization and in the labour market. Individual psychological counselling of students with OOP is also carried out upon their request.

For the disabled and students with special educational needs in KazNU there is a special order of mastering the discipline of "Physical Education" on the basis of compliance with the principles of health-saving. For students with mobility limitations there are classes on table, intellectual sports. Students with hearing and visual impairments can choose mobile adaptive physical education classes in the open air or in gyms, as well as classes on special simulators of general strengthening orientation. All classes are conducted by professional specialists.

Access to information systems, including those adapted for use by students with OOPs

One of the most important components of KazNU is the information environment (IE). Today it includes information systems for students, web-sites and services, electronic information and educational environment of the institution. Adaptation of the existing information environment for the needs of students with OOP, first of all, takes into account the requirement of informativeness. Provision of mandatory information is regulated by the regulatory framework. An alternative version of the official website of the HEI for the visually impaired takes into account the requirements of the State Standards. The form of obtaining other types of information is not regulated, but it is worth considering that KazNU fulfils the main logical condition for the IOS - accessibility of information for people with impairments of certain functions, such as vision or hearing.

For this purpose, the KazNU IOS site has an automated mechanism for converting content for the visually impaired in accordance with the requirements of accessibility of information for the visually impaired, which has the following functionality:

- visual presentation of information in accordance with the requirements of the state standard;
- pronunciation of the required information by voice (speech synthesis);
- voice control of the software complex;
- possibility to expand functionality by adding additional modules.

All components have a complex structure, implemented with the help of PHP, JavaScript, HTML languages, as well as using calls of external programmes. For example, the "Speech Recognition" component calls the "Google" service.

In order to ensure accessibility of information for visually impaired persons, content, e-courses, testing system of KazNU IOS can be presented in several colours: "white on black", "black on white", "blue on blue". The choice of a particular colour

scheme is made by the user with the help of voice commands or with the help of controls.

All electronic educational resources placed within the framework of IOS KazNU are also adapted for use by students with OOP.

Analysing the current situation of the campus for students with SEND

The university has the following social facilities to provide support services for students with special needs and for incoming students with disabilities:

- Student Service Centre - CSC Keremet on a one-stop-shop basis.
- Cinema
- Library
- Supermarket
- Canteens
- Buffets
- Laundry
- Student Houses
- Beauty parlour
- Pharmacy
- Medical Centre
- Sport and health camp of KazNU on the shore of Lake Issyk-Kul.

The university has lifts, including in the following buildings:

- Library, 3 lifts
- Student Houses, 8 lifts
- Rectorate building, 4 lifts
- House of Young Scientists, 2 lifts
- Building of the Faculty of Chemistry and Chemical Technology, 2 lifts
- Building of the Faculty of Mechanics and Mathematics, 2 lifts
- Building of the Faculty of Physics and Technology, 2 lifts
- Building of the Faculty of International Relations - 2 lifts.

The university has 2 escalators in the building of COC "Keremet".

University buildings are equipped with ramps for unimpeded movement of students with OOP.

The University car parks have car parking spaces for disabled drivers.

Mentoring and other targeted support is provided on a regular basis for students, staff and faculty.

Tuition fee discounts are available for students with disabilities and for students whose parents are disabled.