



«APPROVED»

Member of the Board – Vice Rector  
for Academic Affairs  
NJC «Al-Farabi KazNU»

Kazmagambetov A.G.

2025

**The program of  
the entrance exam for the group of educational programs of the  
Faculty of MEDICINE and HEALTHCARE  
THE HIGHER SCHOOL OF MEDICINE  
for bachelor's degree  
for foreign citizens to study on a paid basis**

**1. General Provisions**

1.1 The program was drawn up in accordance with the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018, No. 600 «On approval of the Model Regulations for admission to studies in educational organization, implementing educational programs of technical and vocational education» (hereinafter – the Standard Rules).

1.2 Entrance exams for bachelor's degree programs consist of two stages:

- ✓ At the first stage, foreign applicants take a test on general education subjects on the respective platform.
- ✓ At the second stage, they undergo testing to determine their proficiency level in the language of instruction.

1.3 The entrance exams are conducted in the form of testing for the following groups of educational programs:

- ✓ 6B10101 – Nursing
- ✓ 6B10105 – Public Health
- ✓ 6B10114 – Medicine
- ✓ 6B10113 – Dentistry
- ✓ 6B10102 – Pharmacy
- ✓ 6B01401 – Physical Culture and Sports
- ✓ 6B11501 – Sports, Sports and health technologies, and fitness

1.4 If a foreign applicant is unable to come to the University to take the entrance exam in the testing format, he/she has the opportunity to take it online.

1.5 The selection of a foreign applicant for admission to bachelor's degree programs in the testing format is assessed on a 100-point scale.

1.6 Based on the results of the bachelor's degree entrance exam, a statement of test results is issued in the established form, which is signed by the management of the Department of Internationalization and Recruiting of Foreign Students.

1.7 An appeal based on the results of testing is provided within 24 hours.

1.8 By the order of the Rector of Al-Farabi KazNU, an appeal commission is created for the period of examinations. The appeal commission for the admission of a foreign applicant to KazNU includes employees of the Department of Internationalization and Recruiting (hereinafter - DIR) and the teaching staff of KazNU.

1.9. The decision on admission is considered by the selection committee for the enrollment of foreign applicants and is formalized in a protocol through the Salem office system.

1.10. Retaking the entrance exam is not permitted.

## **2. Conducting the entrance exam in 2025**

2.1. Testing is conducted in Russian, Kazakh and English, with the inclusion of questions on the relevant core subjects (biology/chemistry/tests on the "specialty" that determine technical and tactical training) within the framework of the comprehensive school program (bachelor's degree programs on the website <https://welcome.kaznu.kz/en/26848/page>).

2.2. Approximate list of topics:

1. General overview of the human body
2. Musculoskeletal system
3. Blood and circulation
4. Respiration
5. Digestion
6. Metabolism
7. Excretion
8. Skin
9. Nervous system. Analyzers
10. Higher nervous activity
11. Endocrine glands
12. Reproduction and individual development of organisms
13. Fundamentals of cytology
14. Fundamentals of genetics
15. Atoms. Molecules. Chemical formulas. Valence.
16. D.I. Mendeleyev's periodic table
17. Solutions
18. Oxides, acids, salts, bases
19. Alkanes, alkenes, alkynes, alcohols, aldehydes.
20. Carboxylic acids, fats, carbohydrates, proteins.

## **2.3 List of recommended literature for preparation:**

1. Bilich G. L., Zigalova E. Yu.: Biology for applicants to universities, 2017
2. Biology. Handbook for applicants to universities / A. G. Mustafin, F. K. Lagnuev, N. G. Bystrenin et al., edited by V. N. Yarygin. - M.: Vysshaya shkola, 2008. - 492 p.
3. Biology. Handbook for schoolchildren and students / edited by Z. Brem, I. Meinke. - M.:

Drofa, 2009. - 400 p.

4. Green N., Stout W., Taylor D. Biology / N. Green, W. Stout, D. Taylor, edited by R. Soper. - M.: Mir, 2007. - Vol. 1. - 368 p.

5. Green N., Stout W., Taylor D. Biology / N. Green, W. Stout, D. Taylor, ed. R. Soper. - M.: Mir, 2009. - T. 2. - 325 p.

6. Green N., Stout W., Taylor D. Biology / N. Green, W. Stout, D. Taylor, ed. R. Soper. - M.: Mir, 2006. - T. 3. - 325 p.

7. Kopylova N. A., Chemistry and biology in tables and diagrams; Phoenix - M., 2018. - 713 p.

8. Kuzmenko N. E., Eremin V.V. The beginning of chemistry. For those entering universities, 2011, 720 p.

9. Nekrasov B.V. Fundamentals of general chemistry. V.1, 2. - M.: Nauka 2001.

10. Akhmetov N.S. General and Inorganic Chemistry. Textbook, 2014, 752 p.

11. Kuzmenko N.E., Eremin V.V., Popkov V.A. Chemistry: For high school students and those entering universities. - M.: ONIX 21st century: World and education, 2002.

12. Khomchenko G.P. Chemistry for those entering universities. - M.: Higher. school, 2009

13. School textbooks on biology and chemistry.

14. <https://okulyk.kz/materials/obshhaja-biologija>

15. <https://okulyk.kz/materials/formuly-dlja-reshenija-zadach-po-himii/>

### **3. Criteria for assessing the entrance exam for admission to the bachelor's degree of foreign citizens on a paid basis:**

3.1 The selection for admission of a foreign applicant to bachelor's degree educational programs according to the testing format is assessed on a 100-point system. When enrolling on a paid basis in the bachelor's degree, the results of the first stage of testing 65 points (65% and above) and the results of testing to determine the level of a foreign language (English 70%, Kazakh 50% and above) are counted.

3.2 At the first stage of the preliminary selection for bachelor's degree programs, applicants take a test that includes materials on knowledge of general education disciplines in the chosen specialty and consists of 100 questions (20 questions in the test, 5 points for each correct answer).

3.3 To successfully pass the test, a foreign applicant must correctly answer at least 13 questions out of 20, which is 65 points and, accordingly, 65%, choosing any of the proposed languages for testing.

3.4 At the second stage of selection for bachelor's degree programs, applicants take a test to determine the level of a foreign language:

□ for educational programs with English as the language of instruction, it is necessary to correctly answer at least 21 questions out of 30, which is 70%;

□ for educational programs with Russian or Kazakh as the language of instruction, it is necessary to correctly answer at least 15 questions out of 30, which is 50%.