



«APPROVED»

**Member of the Board- vice-rector
for academic affairs**

NJSC «Al-Farabi KazNU»

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**The program of
the entrance exam for the group of educational programs of the Faculty of
Geography and Environmental Sciences
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:

- ✓ 6B05205 – Geography
- ✓ 6B05203 – Hydrology
- ✓ 6B05204 – Meteorology
- ✓ 6B07301 – Geodesy and cartography
- ✓ 6B07302 – Geoinformatics
- ✓ 6B05206 – Natural and Technogenic Risks
- ✓ 6B11101 – Tourism
- ✓ 6B11103 – Restaurant and hotel business
- ✓ 6B05202 – Ecology
- ✓ 6B11201 – Life safety and environmental protection

1.4 In case an international applicant is unable to come to the University to take the entrance exam in the form of testing, they have the opportunity to take it online.

1.5 Selection for admission of international applicants to bachelor's degree programs through testing is assessed on a 100-point scale.

1.6 Following the entrance exam for bachelor's degree programs, a test results sheet is compiled in the established format, which is signed by the management of the Department of Internationalization and Recruitment of Foreign Students.

1.7 Appeals regarding the results of the testing are allowed within 24 hours.

1.8 An appeals commission is established by the rector of al-Farabi Kazakh National University for the period of exams. The appeals commission for admitting international applicants to KazNU includes employees of the Department of Internationalization and Recruitment (hereinafter referred to as the Department) and the teaching staff of KazNU.

1.9. The decision on admission is reviewed by the competition commission for the enrollment of international applicants and is documented by a protocol through the "Salem office" system.

1.10. Retaking the entrance exam is not allowed.

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 (world history/Man. Society. Law) within the framework of the comprehensive school program (bachelor's degree programs on the website <https://welcome.kaznu.kz/ru/26848/page>).

2.2 An indicative list of topics for entrance exams in the format of testing:

1. General patterns of the geographic shell. The concept of the natural complex.
2. The concept of the hydrosphere. World water cycle.
3. Structure of economic and social geography.
4. Geography of world natural resources.
5. Maps and Scales.
6. Water in nature.
7. Atmospheric pressure and wind.
8. Climate resources.
9. Maps and atlases.
10. Shapes and dimensions of the Earth.
11. Geographic coordinates.
12. Problems of geodesy.
13. Modern political map of the world. The variety of countries in the modern world, their main types. The main forms of state government of the countries of the world.
14. Geography of the world population. The ethnic composition of the world's population. Distribution of the population on the territory of the Earth. Urban and rural population of the world. Urbanization, problems of urbanization in the modern world.
15. General economic and geographical characteristics of the regions of the world (Western Europe, Eastern Europe, Latin America, Africa, Asia).
16. General economic and geographical characteristics of the countries of the world (USA, Great Britain, Germany, Poland, Japan, China, Australia, Brazil, South Africa).
17. The main types of environmental pollution.
18. The role of the population in the ecosystem.
19. Environmental problems of cities.
20. The importance of the Red Book in the conservation of biodiversity.

2.3 List of recommended literature for preparation:

1. Maksakovsky V.P. Economic and social geography of the world. Methodical manual. M.: Enlightenment, 2004.
2. Maksakovsky V.P. Geographical picture of the world. Book 1 M.: Bustard, 2004.
3. Maksakovsky V.P., Nadyrov Sh.M., Mylkaidarov A.T. Duniezhuzinin ekonomikalyk, aleumettik zhane sayasi geografiyasy. Oku kuraly. Almaty "Kazakh University" 2013.
4. Geography. Duniezhuzine aimaktyk sholu : zhalpi bilim beretin mekteptin zharatylistan-matem. bagytyndagi 11 sons of arn. okulyk / A. Beisenova, K. Kaymuldinov, S. Abilmazhinova [zhane T. B.] ; KR Bilim zhane gylym m-gi. - 3-bass., ond., tolykt. - Almaty : Mektep, 2015. - 366 b. : syzba.
5. Abilmazhinova, Saltanat Abilmazhinkyzy. Geography. Duniezhuzine aimaktyk sholu / S. Abilmazhinova, D. I. Zhangeldina ; KR Bilim zhane gylym m-gi. - 2-bass, ond., tolykt. - Almaty : Mektep, 2015. - 159, [1] b.
6. Geography / A. S. Beisenova, K. D. Kaimuldinova, S. A. Abilmazhinova [et al.]; MES RK. - 3rd ed., revised, additional - Almaty : Mektep, 2015. - 367 p.
7. Petrova, Natalia Nikolaevna. Geography. The modern world : studies. for colleges / N. N. Petrova. - 4th ed., reprint. and additional - M. : FORUM, 2011. - 223, [1] p.
8. Podvorny M. Earth Science for secondary school. E-book <https://books.google.kz/>
9. Understanding physical geography. Our Planet Earth Publishing House, 2021. E-book <https://books.google.kz/>
10. Schmittner A. E-book "Introduction to climate science" <https://open.oregonstate.education/climatechange/>
11. Martin Vermeer. Geodesy: hidden science. Aalto University, 2019, p. 612
12. Casagrande G., Sik A., Szabo G. Small flying drones: applications for geographical observations, 2017, p. 161.
13. Valleriani, M. Structures of practical knowledge (Book), 2017, p. 491.
14. Felgenhauer T., Gabler K. Geography of Digital Culture (Book), 2017, p. 172.15
15. Boccaletti, D. The Shape and Size of the Earth: a historical journey from Homer to artificial Satellites, 2018, p. 193.
16. Lu, Z., Qu, Yu., Qiao, S. Geodesy: An introduction to geodetic data and geodetic systems (Book), 2014, p. 401.
17. Alexandrova A.Yu. International tourism: studies. for universities [Ministry of Education of the Russian Federation]. – 2nd ed., reprint. and additional – M.: KnoRus, 2010. – 459 p.
18. Geography of the world economy. Textbook. Ed. by N.S.Mironenko. - M.: Travel Media International Publishing House, 2012. -352 p.
19. Geography of the population and social geography / Questions of geography. Sat. 135. Ed. A. I. Alekseev, A. A. Tkachenko. M.: Publishing house "Codex", 2013. -552 p.
20. Domanski R. Economic geography: a dynamic aspect. Trans. from the floor. – M.: Novy chronograph, 2010. -376 p.
21. Introduction to economic geography: a basic course for economists, managers, geographers and regional studies: studies. for universities / A. Y. Skopin. - M.: Vlado, 2001. - 272 p.
22. Economic and social geography: studies. for universities / edited by M. M. Golubchik.

– M.: Vldos, 2004. – 400 p.

23. Alaev E.B. Socio-economic geography: Conceptual and terminological dictionary. M., 1983.

24. Akimova T.A., Kuzmin A.P., Haskin V.V. Ecology. Nature – Man – Technology: Textbook for universities. – M.: UNITY-DANA, 2001. – 343 p.

25. Climate perspectives. URL: <https://climatepromise.undp.org/>

26. Cunningham W., Cunningham A.M. Principles of environmental science: research and application. – McGraw HILL, September 9, 2019

27. (English).

28. Singer F.D. Ecology in action. - Cambridge University Press, 2016 (English).

29. Tazhibaeva T.L., Voronova N.V., Tanybaeva A.K. Environmental safety: an educational and methodological guide.- Almaty: Kazakh University, 2021 (Kazakh, Russian, English)

30. "Integrated water resources management in Kazakhstan". Almaty: Qazaq University, 2014.

3. Criteria for evaluating the entrance exam for admission to the bachelor's program for foreign citizens on a fee-paying basis:

3.1 The selection for admission of a foreign applicant to bachelor's degree programs according to the testing format is assessed on a 100-point system. When enrolling in a bachelor's degree program on a fee-paying basis, the results of the first stage of testing of 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 taken into account.

3.2 At the first stage of preliminary selection for bachelor's degree programs, a test is taken, which includes materials on knowledge of general education disciplines of 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 educational programs, they 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%.