

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE  
REPUBLIC OF KAZAKHSTAN  
NJSC KORKYT ATA KYZYLORDA UNIVERSITY**

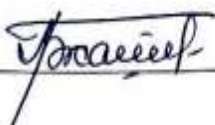
**DEVELOPMENT PLAN  
educational programs 7M06149 - "Information systems"  
for 2024-2026**

Kyzylorda, 2024

**APPROVED**

at a meeting of the Academic Council on educational areas

Protocol № 8 «21» 04 2024 y

Chairman  B.B. Abzhalelov

**REVIEWED**

at a meeting of the Department of Computer Science

Protocol № 9 «19» 04 2024 y

Head of the educational program  N.B. Konyrbaev

**BASIS FOR DEVELOPING THE EDUCATIONAL PROGRAM PLAN:**

**Korkyt Ata University Strategic Development Plan for 2024-2029**

## 1. EP Developers

|   |   |
|---|---|
| <b>Members of the Employers' Council on OP-Information Systems</b>  | Director of the Information Technology Center of the Akimat of Kyzylorda region Ibadulla S.I.   |
| <b>Main employers</b>   | KSU "Information Technology Center" of the Department of Digital Technologies of the Kyzylorda region<br>Information Technology Department of Kyzylorda Production Branch of KazTransGazAimak JSC |
| <b>Members of the Academic Council among employers</b>  | -   |
| <b>The main educational institutions and enterprises with which cooperation is carried out within the framework of the EP</b> | KSU "Information Technology Center" of the Department of Digital Technologies of the Kyzylorda region<br>Information Technology Department of Kyzylorda Production Branch of KazTransGazAimak JSC |
| <b>Branches of the department</b>   | "Information Technology Center" of the Akimat of Kyzylorda region<br>The "Grand Master" Programming School  |

## 2. THE MAIN OBJECTIVES OF THE EDUCATIONAL PROGRAM DEVELOPMENT

Strategic direction 1. Expanding access to university educational services

| №  | Показатели результатов<br>(доля, процент, количество) | Ед.<br>изм. | 2024 | 2025 | 2026 |
|----|---|-------------|------|------|------|
| 1. | The contingent of students                            | person      | 5    | 7    | 10   |
| 2  | Release   |             | 5    | 7    | 10   |

Strategic direction 2. Innovative provision of educational activities

| № | Performance indicators<br>(share, percentage, quantity)      | Measurement<br>units | 2024       | 2025 | 2026 |
|---|--|----------------------|------------|------|------|
| 1 | The results of the rating of the EP NPP Atameken             | place                | 6/8 (2022) |      |      |
| 2 | Accreditation of the EP                                      | fact                 | 2021       |      |      |
| 3 | Development of an educational program with the participation | fact                 | 1          | 1    | 1    |

|    |  |        |                                       |                                     |         |
|----|--|--------|---------------------------------------|-------------------------------------|---------|
|    | of large companies, national companies, government agencies, associations and employers  |        |                                       |                                     |         |
| 4  | Updating the EP taking into account the requirements of the labor  | fact   | +                                     | +                                   | +       |
| 5  | The number of specialists involved in the educational process in the relevant industry   | person | 2<br>(Софронова Е.А., Казарян Д.Э.)   | 2<br>(Софронова Е.А., Казарян Д.Э.) | 2       |
| 6  | The share of teaching staff with an academic degree in EP  | %      | 88                                    | 90                                  | 90      |
| 7  | The number of teaching staff who have completed advanced training courses in the subject area  | person | 2<br>(Қоңырбаев Н.Б., Даутбаева А.О.) | 5                                   | 6       |
| 8  | The number of teaching staff aimed at improving the level of foreign language proficiency  | person | 2                                     | 2                                   | 4       |
| 9  | The share of graduates of the educational institution employed in the first year after graduation (of the total number of graduates) | %      | ГЦВП-98, Атамекен - 98                | 100/100                             | 100/100 |
| 10 | The proportion of university graduates participating in the assessment of the quality of educational services (full-time education)  | 100    | 100                                   | 100                                 | 100     |
| 11 | The number of employers involved in the assessment of the quality of professional training   | person | 4                                     | 5                                   | 6       |
| 12 | The proportion of students participating in the assessment of teaching activities of teaching staff (full-time education)            | %      | 100                                   | 100                                 | 100     |
| 13 | The proportion of graduates who have passed the NCT threshold score (only for pedagogical specialties)                               | %      | -                                     | -                                   | -       |
| 14 | The number of MOOCs developed by the teachers of the EP  | units  | 3                                     | 4                                   | 5       |
| 15 | The share of applicants to universities with the "Altyn Belgi" marks, winners of international Olympiads and                         | %      | -                                     | -                                   | -       |

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  | competitions of scientific projects of the last three years, winners of the presidential, republican Olympiads and competitions of scientific projects of the current academic year (awarded with diplomas of the first, second and third degrees) from their total number |  |  |  |  |
|--|--|--|--|--|--|

### Strategic direction 3. International cooperation and internationalization

| №  | Performance indicators (share, percentage, quantity)  | Measurement units | 2024     | 2025     | 2026     |
|----|---|-------------------|----------|----------|----------|
| 1. | Interuniversity partnership within the framework of the:<br>Double-degree courses             | units             | -        | -        | <b>1</b> |
|    | with a foreign university   | units             | -        | -        | <b>1</b> |
|    | with a Kazakh university  | <b>units</b>      | -        | -        | <b>1</b> |
| 2. | The number of subjects in English by DEFINITION   | units             | -        | -        | <b>1</b> |
| 3. | The number of students participating in the external outgoing academic mobility program       | person            | -        | <b>1</b> | <b>2</b> |
| 4. | The number of students participating in the internal outgoing academic mobility program       | person            | -        | <b>1</b> | <b>1</b> |
| 5. | The number of teaching staff participating in the internal outgoing academic mobility program | person            | -        | <b>1</b> | <b>1</b> |
| 6. | The number of foreign scientists involved   | person            | <b>2</b> | <b>2</b> | <b>2</b> |
| 7. | The number of teaching staff teaching in English  | person            | <b>1</b> | <b>1</b> | <b>1</b> |

### Strategic direction 4. Development of the innovation ecosystem

| №  | Performance indicators (share, percentage, quantity)  | Measurement units | 2023  | 2024   | 2025     |
|----|---|-------------------|---|--|----------|
| 1. | The number of teaching staff participating in educational and research projects   | person            | 1<br>(Қоңырбаев Н.Н.)                                 | <b>1</b>   | <b>2</b> |
| 2. | The number of teaching staff involved in the implementation of fundamental and applied research   | person            | <b>3</b>  | <b>3</b>   | <b>2</b> |
| 3. | The number of publications in publications included in quartiles 1, 2 and 3 according to the Journal Citation Reports of Clarivateanalytics or those with a CiteScore percentile indicator in the Scopus database | units             | 3<br>(Даутбаева А.О., Турешбаев А.Т., Қоңырбаев Н.Б.) | 4<br>(Даутбаева А.О., Турешбаев А.Т., Қоңырбаев Н.Б., Тулегенова Э.Н.) | <b>3</b> |

|    |   |        |   |   |   |
|----|---|--------|---|---|---|
| 4. | The number of publications of doctoral students' scientific articles in journals with a non-zero impact factor included in databases Thomson Reuters/Scopus | units  | - | - | - |
| 5. | The number of research projects carried out within the framework of international cooperation   | units  |   |   |   |
| 6. | The number of publications in publications recommended by the CCSON   | units  |   |   |   |
| 7. | Number of students' publications  | units  |   |   |   |
| 8. | The number of students taking part in scientific research   | person |   |   |   |
| 9. | The number of students taking part in scientific competitions   | person |   |   |   |
| 10 | The number of students taking part in the republican Olympiads  | person |   |   |   |

#### **Strategic directions 5. Modernization of infrastructure**

| № | Performance indicators (share, percentage, quantity) | Measurement units. | 2024              | 2054             | 2065 |
|---|--|--------------------|-------------------|------------------|------|
| 1 | Development of a computer park                       |                    | 15 (monoblocks)   | 20               | 20   |
| 2 | Purchase of software                                 |                    | -                 | 1                | 2    |
| 3 | Purchase of laboratory equipment, etc.               |                    | 1                 | 1                | 1    |
| 4 | Replenishment of the library fund                    |                    | 27                | 30               | 32   |
| 5 | Purchase of furniture                                |                    | 25 (table, chair) | 25(table, chair) | 15   |

#### **6.Risk management**

The OP may face a number of risks that hinder the achievement of the goal and the achievement of target indicators.

| <b>The name of the risks that may affect the achievement of the goal</b> | <b>Risk management measures</b>               |
|--|---|
| The outflow of applicants to other regions of                            | - expansion and activation of career guidance |

|  |   |
|--|---|
| the country and to countries near and far abroad   | work;<br>- opening of representative offices in the countries of the near and far abroad  |
| Increased competition in the market of educational services from universities in related specialties | - strengthening career guidance among students of schools and colleges, coverage of other regions of Kazakhstan and neighboring countries   |
| Lack of qualified scientific and pedagogical staff   | - opening of new educational programs at the university;<br>- training of specialists in domestic and foreign universities;<br>- preparation of the personnel reserve;<br>- improvement of the teaching staff motivation system and provision of a social package;  |
| Untimely development of innovative educational programs  | -organization and holding of training seminars for developers of educational programs together with employers;<br>-providing developers of educational programs with professional standards, instructions, guidelines and other documentation on the preparation of high-quality educational programs   |
| Decrease in the quality of educational services  | - development of educational programs in accordance with approved professional standards;<br>- wide involvement of stakeholders in the development of educational programs;<br>- studying the interests, requests, and needs of stakeholders;<br>-conducting an expert assessment of educational programs;<br>-organization and holding of training seminars, advanced training courses for teaching staff to improve pedagogical skills;<br>-improvement of the material and technical base; |
| Reducing the relevance of broadcast knowledge  | -organization of feedback with students in classroom and extracurricular time on an ongoing basis;<br>-inviting production specialists, foreign teachers to give lectures, conduct master classes   |

Head of the department



N.B. Konyrbaev