DEVELOPMENT PLAN
EDUCATIONAL PROGRAMME

6B04101 "IT Management"

Code and classification of the field of education: 6B04 - Business, management and law

Code and classification of areas of study: 041 - Business and management

Group of educational programs: 044– Management and administration

ISCED level: 6

NQF Level: 6

ORC Level: 6

Duration of study: 3 years

Credits: 240

Nur-Sultan, 2019

OPTION PLAN STRUCTURE

1. INTRODUCTION

2. MISSION AND VISION EP

3. ANALYSIS of current situation and development trends (including SWOT analysis)

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1. INTRODUCTION

Development plan of EP "IT Management" was developed on the basis of strategic priorities of "Astana IT University" taking into account the State program of education development as a result of joint discussions with participation of faculty of EP.

EP Strategic Development Plan is a document that defines the main goals and objectives aimed at improving the quality of training of competitive and competent professionals who meet the needs of the labor market.

EP "IT Management" has set itself the tasks: Improvement of educational process and strengthening of international ties of EP; increase of fundamental and applied research within EP; scientific and technical support of EP development; Formation of active citizenship, social responsibility, sense of patriotism, high moral and leadership qualities among youth.

2. MISSION AND VISION EP
(in accordance with the mission of the university and faculty)

EP mission: training of competitive personnel with communicative and intercultural, professional translation and social competence, stable system of moral and personal values demanded in the domestic and foreign labour market.

Vision: leading positions in ratings at republican and international levels and functioning of Educational program with application of national traditions and international tendencies in the field of IT Management on the basis of close interrelation with research, academic and educational departments of the University.

3. ANALYSIS OF THE CURRENT SITUATION AND TRENDS OF DEVELOPMENT OF EP
(including SWOT analysis)

Educational activities are carried out in accordance with the license for personnel training of EP "IT Management".

The training process is carried out by a highly qualified faculty of 36 staff members, among them: 10 doctors of sciences, 8 candidates of sciences, 2 masters.

Introduction of new generation standards in the educational process implies updating of the catalogue of elective courses on the basis of theoretical and practical results of research of faculty of faculty of higher education corresponds to the indicators of updating the educational program. Updating of ECTs according to employers' requests corresponds to the actual requests of employers.

International cooperation of EP is carried out on the basis of Memorandums with foreign universities, scientific centers and other scientific organizations of the European Union and CIS countries.

The number of foreign students studying at the EP is not. Number of foreign teachers involved in the educational process - 1.

Number of scientific publications of TS and employees in English in foreign language publications - 58.

Number of books, textbooks published under the auspices of MES RK, manuals and monographs with ISBN - 51.

One of priority problems of EP is realization of a complex of measures on education of students with high civil and moral principles, sense of patriotism and social responsibility.

SWOT –анализ

S(strength)- strengths	W(weakness)– weaknesses
- development and continuous adjustment of the EP development plan based on the analysis of the actual positioning of EP and their focus on the needs of stakeholders and learners; - individuality and uniqueness of the EP development plan, their alignment with the national development priorities and the university development strategy; - cooperation with other Universities implementing the same educational program and exchange of experience. - maximum orientation of the EP content to the requirements of a specialist competence model according to the modular principle of knowledge and competence formation; - full information and technological equipment of the department and classrooms; - accessibility of the content and transparency of EP for students; - compliance of variability of elective disciplines with the requirements of the educational labor market when forming individual educational trajectory of students. - correspondence of the HR potential of the HR Department to the strategy and specifics of EP; - motivation of TS, continuous application of innovations and IT in EP; - involvement of TS in the life of society, development of science, region, creation of	- lack of demand for dual (two-diploma) training program by students of EP. Comparatively low index of internal academic mobility of TS department. - lack of opportunities for students to obtain professional certification in additional specialities, such as a reference translator. - insufficiently high rates of participation of gifted students in various competitions of national and international level; - insufficient involvement of practicing specialists in the educational process of the university.

cultural environment and participation in charity programs. - great opportunities to participate in the competition for external academic mobility programs to foreign universities; - the possibility of comprehensive development of creative and scientific potential of students through participation in various student organizations and clubs, the use of resources of research laboratories of the university. - well-equipped rooms for students and offices for teachers create all conditions for fruitful study and academic work. - the openness and willingness of the rectorate to invest in modern educational technologies. - financial support for teachers involved in science. Payment of the flight to the international conference and publications in foreign and local journals. - qualitative psychological, pedagogical and methodical training of graduates; - motivation of cognitive activity of students during the theoretical and practical cycle of disciplines of EP. - possession of innovative teaching methods and planning of the educational process. - ability to teach the skills of self-study.	

(opportunity) – favourable opportunities	T(threat) – threats
- Involvement of representatives of stakeholder groups, including trainees, TS and employers in the formulation of the EP development plan; - defining mechanisms for forming and regularly reviewing the EP development plan and monitoring its implementation;	- Low level of interest of state structures on formation and placement of the state educational order - decrease in enrollment of students in EP due to: a) availability of a serious competitive environment for similar programmes in Kazakhstan; b) increase in the cost of EP implementation due to the economic crisis in the global and domestic educational market;

- ensuring representation of representatives of stakeholder groups; demonstrating the procedure of approval, periodic review and monitoring of educational programs. - Possibility to harmonize the content of EP with the programs of leading foreign universities through high academic mobility of TS and EP students; - high research activity of the TS of the Department allows a wide use of advanced experience in the learning process; - improvement of EP content and bringing it in line with new scientific directions on the basis of accessibility and transparency; achievement of high results in training within the framework of EP as a result of the full information and technological equipment of the PPS and auditoriums of the Department and Faculty. - Ability to publish the results of scientific research in domestic and international publications; - Possibility to participate in conferences, research internships and training seminars in "Astana IT University" and outside the university at the expense of the management; - Possibility of publishing the results of scientific research in domestic and international publications; - Involvement of students in domestic and international research projects of Bolashak, etc. - In connection with the informatization of education, more active use of ICTs in the educational process. - Studying best practices and introducing their achievements into practice.	decrease in the number of state orders for EP graduates - Growing competition in the educational market affects the outflow of qualified TS. Due to changes in the system of science, there is a threat of reducing the number of doctors of science, so there is a question of increasing the number of grants for PhD studies. The unstable economic situation in the country, devaluation and inflationary processes, reduced income and reduced funding for social protection may affect the development of EP (logistics).

4. STRATEGIC DIRECTIONS, GOALS, OBJECTIVES, TARGET INDICATORS, ACTIVITIES AND OUTCOME INDICATORS FOR THE EP STRATEGIC TARGETS

- Training of highly qualified specialists in innovative education.
- Further improvement of the quality control system for training specialists.
- Increasing the share of graduates of EP "IT Management" who are engaged in labor activity in the received specialty.
- Varying the forms of work for the preservation and increase in the number of students in the specialty.
- Increasing the share of stayed qualified scientific and pedagogical staff to ensure a sufficiently high level of general theoretical and professional training of specialists and scientific work.
- Increase in the number of scientific publications, including in journals with high impact factor;
- Improvement of the pedagogical process through the active use of innovative technologies;
- Creation of the mechanism of work on image, analytics and formation of marketing strategy for EP implementation.
- Development of fundamental and applied scientific research within the EP;
- Strengthening international ties of EP with foreign partner universities, expansion of institutional ties of the Department aimed at cooperation with a number of leading domestic and foreign universities and educational centers.

Strategic direction 1. EP "IT Management"
Improvement of educational and methodical work

Objective : Improvement of the educational process
and the strengthening of international ties EP
Target 1: Training through strategic cooperation

The implementation of this task will be achieved by adapting curricula to the needs of the real economy sector, optimizing the employment problems of its graduates; creating conditions to help students choose an individually justified trajectory of study; motivating senior students with a propensity for research activities to further pursue a Master's degree; creating conditions conducive to the strengthening of intercultural and intersocial ties characteristic of the cultural space of the era of globalization.

Introducing the Bologna Process parameter: academic mobility

The implementation of this task will be achieved through the development of academic mobility of the TS and students at EP; attraction of foreign students at EP, implemented in English.
Objective 2: Introduction of ICTs into the educational process
- E-portfolio and e-learning
- Electronic publications
- Intranet EP
The task will be achieved by introducing new training technologies and expanding the practical use of computer technologies in the training of modern translators, for example, information and telecommunication technologies within the EP.

Objective 3: Increase in the number of students

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This task will be achieved through the improvement of effective forms and active methods of education (business games, round tables, discussions and colloquia, organization of work in small groups and in the form of testing the professional qualities of students);

Objective 4: Attracting more competent applicants.

The implementation of this task will be achieved through the use of a problem-oriented interdisciplinary approach to the study of educational disciplines;
development of the Modular System to ensure optimal completion of students' knowledge and skills acquisition.

Objective 5: Harmonization of EP taking into account the world's leading practice.
Expected results for Strategic Direction 1.
 Number/Percentage of university entrants in academic mobility - 2020. - 2; 2021 - 2; 2022 - 3;
Number of students/students/students partner for academic mobility - 2020. - 5 ; 2021 - 7 ; 2022 - 10;

Strategic direction 2. EP "IT Management".
Research work

Objective: To increase basic and applied research in the EP.

Objective 1: To increase the number of scientific publications, including in journals with a high impact factor.
Objective 2: Publish the results of the research work of TS and students in scientific journals with non-zero impact factor
The given task will be executed through increase in fundamental and applied researches, including within the limits of grant financing of RK; maintenance of conditions for productive scientific activity of TS with the purpose of increase in publications, including in scientific journals with the non-zero impact factor, active involvement of undergraduates and doctoral candidates in process of realization of the given task.

Expected results for Strategic Direction 2.
Number of scientific publications in impact-factor journals, which are included in international science-metric databases: 2019 г. - 11; 2020 г. - 3 .

Strategic Direction 3. "IT Management.
Research base and infrastructure development EP

Objective: Scientific and technical support of EP "IT Management" development.
Objective 1: Improvement of the system of material and technical base of scientific activities of EP.
- Creation of conditions for entering educational cyberspace and equipping the students of the department with access to global educational networks.

availability of connection in classes for teaching disciplines by profile
1. to the Internet
2. Intranet servers
3. local networks
4. terminals from which access to the Internet is available
5. multimedia projectors
6. computers from which digital library systems can be accessed

- systematic replenishment of the fund of basic educational and additional literature by specialty, as well as reference, scientific literature and periodicals, recommended for the study of disciplines in the curriculum.

The realization of this task will be achieved through the organization of systematic research work of laboratories, i.e. the creation of research laboratories and centers of EP "IT Management":
Expected results in Strategic Direction 3.
Number of contracts involving national companies and private firms, Research Institute 2020. - 1; 2021 - 3; 2022 - 5.

Strategic Direction 4. EP "IT Management"
Educational work and youth policy

Purpose: Formation of active citizenship, social responsibility, sense of patriotism, high moral and leadership qualities in youth.

Objective 1: Implementation of a number of measures on patriotic education and formation of civic activity and social responsibility. Improvement of the potential of the youth.

- This task will be realized through the formation of patriotic education among students and development of student's personality activity, implemented in cooperation with the university community, the social environment; in providing support and assistance to the student in self-actualization and creativity, readiness to defend their independence and responsibility, in the formation of their ability to independently solve emerging problems. Organization of a number of activities to implement the programs: "Zhasyl yel", "Auyl Zhastary", "Business Road Map 2020", etc.; development of abilities reflecting the general competencies of a student of a specialty for his further successful career:
a. Leadership skills,
b. Ability between personal interaction,
c. Planning abilities,
d. Decision-making ability,
e. problem solving,
f. conflict resolution,
g. ability to think critically,
h. Ability to set goals,
i. delegation of authority,

j. Financial management,

k. involvement,

l. Ability to engage in social activities with healthy scientific ambitions that make them feel like young scientists, associates of their teachers in the academic community.

Expression of a tribute and respect to ancestors, preserving traditions and customs of the Kazakh people, within the framework of implementation of the concept of "Mangylik" from the President's message, involvement of graduates in the sphere of entrepreneurship of small and medium business, within the framework of organization of the exhibition of employment. Events (festivals, open hours, seminars aimed at promoting spiritual values and acquaintance with the peculiarities of the culture and language of different ethnic groups) are organized in order to develop intercultural communication.

Objective 2: To develop a system of youth self-government

by means of students' participation in intellectual-development activities, ensuring student's personal self-assertion, personal self-actualization and personal growth, student's activity, his readiness to solve problem problems through equal-partner relations, involving students in social activities for the development of leadership skills, through participation in student organizations and social activities.

Objective 3: Creation of an effective Alumni Association on the basis of youth self-government bodies.

Expected results for Strategic Direction 4

Share of young people actively participating in the implementation of activities in the field of youth policy and patriotic education of the total number of young people in 2020. - 5%; 2021 - 10%; 2022 - 15%.

OPERATIONAL DEVELOPMENT PLAN
EP "IT Management"
for 2019-2022.

(directions, goals, targets, indicators, activities and expected results)

Target indicators	Ожидаемые результаты				In charge	Note
	2019	2020	2021	2022		
Strategic Direction 1. Improvement of educational and methodical work						
Objective 1.1: To improve the pedagogical process and strengthen the international links of EP						
Task 1. : Target 1: Training of highly qualified professionals through strategic cooperation - annual growth in the number of strategic partners of the university	5	15	20	25	Dean, M.Zh. Sergaziyev, ITM Program Coordinator Salykova L.N.	
Task 2: Introduction of information technologies in the educational process - Increasing the percentage of implementation of information technologies in the educational process	50%	60%	70%	80%	Dean, M.Zh. Sergaziyev, ITM Program Coordinator Salykova L.N.	
Target 3: Increase the student population - increase in the number of students who apply for training in EP "Software Engineering" (IT Management)		5%	10%	15%	Dean, M.Zh. Sergaziyev, ITM Program Coordinator Salykova L.N.	
Task 4: Attracting more competent applicants - Conducting online workshops through a training management system to train students in basic programming, mathematics and English language skills. The indicator is a percentage that shows the number of students who have completed the preuniversity preparation.		25%	50%	75%	Dean, M.Zh. Sergaziyev, ITM Program Coordinator Salykova L.N.	
Strategic Direction 2. Research work						
Objective: To increase basic and applied research in the EP.						

Target 1: Increased number of TS scientific publications, including in high impact journals - Increase in the number of publications in journals with a high impact factor as a percentage	%	5%	7.5%	10%	Dean, M.Zh. Sergaziyev, ITM Program Coordinator Salykova L.N.
Objective 2: Publish the results of the research work of TS and students in scientific journals with non-zero impact factor - Increase in the number of publications in journals with a non-zero impact factor as a percentage.	%	5%	10%	15%	Dean, M.Zh. Sergaziyev, ITM Program Coordinator Salykova L.N.
Strategic Direction 3: Research and Development Base					
Objective: To provide scientific and technical support for the development of research facilities EP					
Objective 1: To improve the system of material and technical basis for scientific activities of EP - Increase in the number of laboratories as a percentage of the training process	%	5%	10%	15%	Dean, M.Zh. Sergaziyev, ITM Program Coordinator Salykova L.N.
Strategic Direction 4. Educational work and youth programme					
Objective 1: Develop active citizenship, social responsibility, patriotism, high moral and leadership skills among young people.					
Objective 1: Implementation of a number of activities on patriotic education and formation of civic activity and social responsibility. Increasing the potential of young people. - Increase in the number of measures on patriotic education.		5%	10%	15%	

Change Registration Sheet

Change number	Name of change	Number of sheets (pages)				Total sheets (after changes)	Date of entry
		changed	superseded	new	revoked		

Sheet of acquaintance

№	Full name	Position	Date	Signature