

**EDUCATIONAL PROGRAM DEVELOPMENT PLAN 7M06102 – "INFORMATION SYSTEMS"
2021-2025**

1. Analytical justification of the program. Information about the educational program. The educational program of the educational program 7M06102 "Information Systems" is aimed at training specialists in the field of design, development, implementation, maintenance and operation of information systems of various profiles, including mathematical, informational, software, linguistic, technical and organizational and legal support of information systems with knowledge in the field of design, administration and testing of developed programs. Educational programs have been developed in accordance with the National Qualifications Framework, coordinated with the Dublin Descriptors and the European Qualifications Framework.

2. The main goals and objectives of the development plan with indications of the terms and stages of its development.

The educational program development plan of the educational program 7M06102 "Information Systems" was created based on the request of employers. The main purpose of the educational program development plan is to improve the content of the educational program with the formation of professional competencies of personnel with an academic master's degree in information technology.

№	Name of the task	Terms of development	Stages of development
1.	Improvement and improvement of conditions for obtaining a full-fledged, high-quality professional education	The entire training period	Development of measures to improve educational services for the development of professional skills

2.	Updating the content of educational programs that form the main professional competencies of future IT specialists	The entire training period	When updating the content of educational programs, include disciplines recommended by employers
3.	Creation of prerequisites for independent search and research activity of the student within the framework of the experiment at all its stages of training	The entire training period	Inclusion of search and research and experimental work in the study of educational programs
4.	Development of measures for mastering work with scientific and technical information when using domestic and foreign experience in professional activities	The entire training period	Carrying out activities for the analysis and processing of the results obtained
5.	Organization of consultations of employers and scientists of research institutes in the selection of relevant and practically significant topics of master's theses	The beginning of Master's degree	Creation of a list of relevant and practically significant research topics taking into account the proposals of employers

1. List of activities of the OP development plan

№	Activity	Deadlines	Responsible
1	Formation of the commission for the development of the educational program development plan of the educational program 7M06102 "Information Systems"	August-September 2021	Nuspekov I.L., Amanova N.T., Inyutin S.P., Dzhomartov T.A.
2	Development of the goals and objectives of the educational program development plan of the educational program 7M06102 "Information Systems"	September 2021.	Nuspekov I.L., Amanova N.T., Inyutin S.P., Dzhomartov T.A.
3	Updating and improving the content of educational programs, including the name of disciplines that define modern professional competencies of an IT specialist	yearly	Nuspekov I.L., Amanova N.T., Inyutin S.P., Dzhomartov T.A. employers
4	Development of joint educational programs with leading IT universities of the near and far abroad for integration into the international educational space	2022-2025	Nuspekov I.L., Amanova N.T., Inyutin S.P., Dzhomartov T.A.

6	Creation of an author's team for the release of educational and methodological literature in English, Kazakh	2022-2025	Teaching staff of the department
7	Annual development of academic mobility of students and teachers	2022-2025	Teaching staff of the department
8	Targeted training of scientific and pedagogical personnel (PhD doctors, postdoctoral studies) in leading IT universities abroad	2022-2025	Teaching staff of the department
9	Organization of internships and research practices for graduate students in advanced IT universities and research institutes of the near and far abroad	2022-2025	Teaching staff of the department

Acting Head of the Department "Information Systems"

Nuspekov E.L.