

Educational program	«6B01501 Training of teachers of informatics»
EP purpose	The computer science teacher training with fundamental knowledge in order to carry out professional activities in the field of informational - communication technologies in educational institutions.
	<p>ON 1 Connect the theoretical foundations of computer science and modern information technologies of training, using various methods of computer design, WEB technologies.</p> <p>ON 2 Identify languages based on communicating with people, forming a communication style, observing language standards and using languages in their professional activities..</p> <p>ON 3 Use management, worldview of spiritual culture, religion, human life, linking with the diversity of the modern world.</p> <p>ON 4 Present the essence of management activities in education, development of inclusive education in the country, distinguishing psychological processes, pedagogical schools, analyze the structure and content of the State mandatory standard of education of the Republic of Kazakhstan and training programs; plan work with the content, principles, forms, methods, tools of education and upbringing in the conditions of updated content of education and distance learning</p> <p>ON 5 To use methods to analyze information and sources of its obtaining, acquired knowledge, skills for solving problems in the field of professional activity.</p> <p>ON 6 Determine the interdependence between mathematical formulas, plan mathematical models, choose modern methods and design technologies</p> <p>ON 7 Create mathematical and software models of computational and information processes related to the functioning of objects of professional activity;</p> <p>ON 8 Predict and design methods, algorithms, programs, systems, networks and conduct their quantitative and qualitative analysis;</p> <p>ON 9 Analyze and revise user requests, choose modern effective methods, tools and design technologies.</p> <p>ON 10 Demonstrate innovative technologies in the teaching of computer science, the development of students' historical thinking, a holistic natural-scientific worldview, possess theoretical foundations in the field of history and didactics of secondary school, practical experience in building the educational process in the conditions of distance learning with the use of digital education technologies.</p>
EP type	Current EP
Level on NQF	6
Level on IQF	6
The awarded academic degree	Bachelor of education in the educational program «6B01501 Training of teachers of informatics»
Period of study	4
Volume of the credits	240
Name of professional standard	Teacher
Date of approval EP on the Academic Council	10-04-2023