

Information about updating educational programs for the 2021-2022 academic year

Faculty of Information Technology and Economics

The basis for updating EP 6B01403 "Initial military training"

In the 2021-2022 academic year, according to the recommendations of social partners, the following elective disciplines were added: "Weapons and equipment of the ground forces", "Educational and ideological work in the Armed Forces of the Republic of Kazakhstan", "Military topography", "Operation of small arms and ammunition", which influenced the change in the results of training, which are aimed at acquiring knowledge and skills in the field of military topography and operation of small arms, as well as knowledge about weapons The Armed Forces of the Republic of Kazakhstan and their application in the professional activity of a future specialist. Also, in order to strengthen the practical orientation of pedagogical education, the total number of credits by types of pedagogical practice has been increased.

The basis for updating EP 6B01404 "Physical Culture and Sport"

In the 2021-2022 academic year, the following elective disciplines were introduced on the recommendations of social partners: "Theory and methodology of game sports", "Sports and pedagogical improvement", "Hygienic foundations of physical culture and sports", "Handball with teaching methods", "Football with teaching methods", "Theory and methodology of handball", "Fundamentals of sports medicine", "Table tennis with teaching methods", "Theory and methodology of football", "New types of physical culture and wellness classes", which are aimed at acquiring knowledge, skills and abilities in the field of teaching methods. As a result of the introduction of these disciplines, the learning outcomes have changed. Also, in order to strengthen the practical orientation of pedagogical education, the total number of credits by types of pedagogical practice has been increased in the curriculum.

The basis for updating EP 6B01509 "Chemistry-Biology"

In the 2021-2022 academic year, following the recommendations of social partners, the following elective disciplines were introduced: "Immunology", "Physiology of steppe plants", "Innovative technologies for teaching chemistry", "Chemical Synthesis", "Organization of research activities of students in chemistry", "Modern chemistry and chemical safety". As a result of the introduction of these disciplines, the learning outcomes have changed, aimed at using knowledge to solve practical problems and application in experimental research. Also, in order to strengthen the practical orientation of pedagogical education, the total number of credits by types of pedagogical practice has been increased.

The basis for updating EP 6B04116 "Economics"

In the 2021-2022 academic year updated the content of the disciplines of the educational program, included a description of the discipline Strategic Management (in 3 languages).

The basis for updating EP 6B04117 "Accounting and Audit"

For the 2021-2022 academic year, taking into account the recommendations of social partners and NCE RK "Atameken", the following disciplines were introduced: Global financial markets, Islamic finance, tax law of the Republic of Kazakhstan, Big Dat and business analytics, cloud computing services, public procurement, state monitoring, 1C- accounting, parus 8 - Accounting, forming knowledge in the field of customs, as well as statistical, analytical, monitoring, legal and information support of the financial sector of the country's economy. The introduction of these courses affected the updating of the results of the training of OP 6804117 "Accounting and auditing".

The basis for updating EP 6B04118 "Finance"

For the 2021-2022 academic year, taking into account the recommendations of social partners and NCE RK "Atameken", the following elective disciplines were introduced: "Customs Business", "Financial Analysis of commercial Bank activity", "Securities Market", "Exchange Business", "Data and Business Analytics", "Cloud Computing Service", "Financial Statistics", "Banking Statistics", "Financial Law", "Business Law", "International monetary and financial relations", "Modern Banking technologies", "Financial Monitoring", which influenced the change in the results of training, forming knowledge in the field of customs, as well as statistical, analytical, monitoring, legal and information support of the financial sector of the country's economy.

The basis for updating EP 6B04119 "State and Local Government"

For the 2021-2022 academic year, taking into account the recommendations of social partners, the following elective disciplines have been introduced: "Public Procurement", "Administrative Law", "State Audit", "Labor Law of the Republic of Kazakhstan", "Corporate Governance", "Vid Date and Business Analytics", which influenced the change in learning outcomes that form professional and special competencies.

The basis for updating EP 6B06123 "IT in healthcare"

For the 2021-2022 academic year, taking into account the recommendations of social partners and NCE RK "Atameken", the following elective disciplines "Programming languages", "Data Science and neural networks in medicine" have been introduced, which affect learning outcomes, forming special competencies aimed at practical skills of system programming, operating systems at the level of software development, as well as the application of 3D modeling and neural networks in medicine.

The basis for updating EP 6B06124 "Computer technology and software"

For the 2021-2022 academic year included disciplines in the educational program based on the recommendation of the employer and professional standards: "Software development", "Information Security", "Development of artificial intelligence applications", "Business analysis in ICT", "Development of IoT systems", "Software architects", "Development of artificial intelligence applications" that affect learning outcomes, forming special competencies aimed at practical skills for effective the use of applied hardware and software for information security, to apply the basic models and means of information transmission to optimize modern computer systems.