

**Information on the update of educational programs of Master's degree
for academic year 2021-2022**

**The basis for updating the master's degree program 7M06110 Informatics
(scientific-pedagogical direction)**

Taking into account employers' recommendations for the 2021-2022 academic year, the following disciplines were included into the 7M06110 Informatics educational program: "Modern Educational Technologies", "Pedagogical Ethics of a Modern Teacher", "Cryptographic Information Security", "Information Security Technologies", "Intellectual Information Systems and Technologies", "Smart Technologies in Education", "Big Data Technologies", "Data Processing and Storage Technologies", which entailed changes in the learning outcomes that form professional competencies

**The basis for updating the curriculum of Master's degree program 7M04105
Economics (scientific-pedagogical direction)**

For the academic year 2021-2022 to strengthen the pedagogical component disciplines "Modern pedagogical technologies" and "Pedagogical ethics of a modern teacher" are introduced. Basic and profiling disciplines "Methods of mathematical modeling in economics and management", "Modeling of economic processes and systems", "Tax management", "Marketing research", "Effective management" were introduced, which entailed a change in learning outcomes, forming skills in forecasting social and economic indicators of the economy.

**The basis for updating the curriculum of Master's degree program 7M04107
Business Administration (scientific-pedagogical direction)**

For the academic year 2021-2022 to strengthen the pedagogical component, the disciplines "Modern pedagogical technologies" and "Pedagogical ethics of a modern teacher" were introduced, which affected the change in learning outcomes, forming abilities and skills to restructure professional activity, to implement the author's innovative ideas, to find non-standard and alternative solutions, to be capable of generating new ideas, to think critically.

**The basis for updating the curriculum of Master's degree program 7M04116
Finance (profile direction)**

For the academic year 2021-2022 taking into account the recommendations of stakeholders and employers revised and introduced new disciplines in the cycle of core disciplines, which influenced the change of learning outcomes, forming skills of making management and marketing decisions, skills of developing strategies for financial activities of organizations.

**The basis for updating the curriculum of Master's degree program 7M04115
Economics (profile direction)**

For the academic year 2021-2022, taking into account the recommendations of stakeholders and employers, the disciplines "Strategic management" and "Marketing research" were introduced into the cycle of core disciplines, which led to a change in learning outcomes, forming skills in the field of forecasting socio-economic indicators of the economy.

**The basis for updating the curriculum of Master's degree program 7M04117
Business Administration (profile direction)**

Taking into account the recommendations of employers for academic year 2021-2022 the learning outcomes that form the skills of business management, skills of organizing and conducting business research were revised and optimized.

**The basis for updating the curriculum of Master's degree program 7M04106
Finance (scientific-pedagogical direction)**

For the 2021-2022 academic year to strengthen the pedagogical component disciplines "Modern pedagogical technologies" and "Pedagogical ethics of a modern teacher" are introduced. The block of basic and major disciplines includes disciplines: "Strategic Banking

Management", "Company Financial Portfolio Management", "Risk Management". In this regard, the content of the learning outcomes was revised in accordance with the expected results and the purpose of the educational program.

The basis for updating the curriculum of Master's degree program 7M05109 Biotechnology (scientific-pedagogical direction)

For the academic year 2021-2022 to strengthen the pedagogical component new disciplines "Modern pedagogical technologies" and "Pedagogical ethics of a modern teacher" are introduced, which entailed a change of learning outcomes, forming professional knowledge and skills of psychological and pedagogical research to evaluate and integrate them from different fields, ethically organize pedagogical communication with students.

The basis for updating the curriculum of Master's degree program 7M04208 Actual problems of law (scientific-pedagogical direction)

For the 2021-2022 academic year, the following disciplines were included in the educational program: "Current issues of operational-search activity", "Conceptual foundations for the production of covert investigative actions", "International private law in the context of the implementation of cross-border commercial relations under sanctions restrictions", "Methodology of legal analysis ", "Law of obligations: problems of theory and practice", "Peculiarities of resolving certain categories of civil cases", "Problems of legal regulation of the activities of legal entities as subjects of civil law". The introduction of new disciplines into the educational program has led to a change in the learning outcomes that form the skills of critical analysis of the adopted laws and other regulatory legal acts.