

## **Abstract of the educational program of the magistracy**

### **«Business Informatics in High-tech industries»**

Educational program: 38.04.05 BUSINESS INFORMATICS

Department of Industrial Economics and Management (71)

**The purpose of the program:** the preparation of highly qualified masters who are able to successfully work in the field of activities related to the application of modern methods of economic and mathematical research, development of strategies and tactics of enterprise behavior in the high technology market, and with universal and subject-specific competencies that contribute to their social mobility and sustainability in the labor market.

The main feature of the educational process is deep theoretical and professional training in the development of information and analytical methods for analyzing the global high-tech market; enterprise architecture and its business strategy, engineering and reengineering of business processes of a modern high-tech enterprise based on the worldwide CDIO initiative and professional standards.

Much attention is paid to the issues of commercialization of scientific and technological developments in the conditions of the innovative development of high-tech sectors of industry in the context of a globalized economy. In the process of training, students master such end-to-end digital technologies as big data, additive manufacturing, artificial intelligence systems, virtual and augmented reality technologies.

The best educational technologies are used in the educational process: business games, intellectual competitions, trainings, practical exercises, solving business problems, computer simulations.