

I APPROVED

Director of the Institute

«Logistics and management»

Kaltaev A.K.

« 28 » 02 2023 y.

«Академия логистики и транспорта»

Институт «Логистика и управление»

## CATALOG OF CHOICE COMPONENT DISCIPLINES

EDUCATIONAL PROGRAM

7M04167- ECONOMY AND MANAGEMENT

Level of education: Master's degree in scientific and pedagogical

Duration of study: 2 years Year of admission: 2023

| Module                       | Cycle | Component | Name of the discipline           | Total labor intensity |                     | Semester | Learning outcomes    | Brief description of the discipline   | Prerequisites   | Post-requirements   | Anchoring at the pulpit |
|------------------------------|-------|-----------|----------------------------------|-----------------------|---------------------|----------|----------------------|---|---|---|-------------------------|
|                              |       |           |                                  | in academic           | in academic credits |          |                      |   |   |   |                         |
| 1                            | 2     | 3         | 4                                | 5                     | 6                   | 7        | 8                    | 9   | 10  | 11  | 12                      |
| Module 1- Basic competencies | DB    | KV        | Strategic management             | 180                   | 6                   | 2        | LO 3<br>LO 5<br>LO 6 | Formation of basic practical skills in master's students in the field of strategic management of enterprises and organizations, strategic analysis of the external and internal environment of the company, competitive strategy of the company and corporate management strategy. The discipline will study: methodology of strategic management; analysis of strategic factors; management analysis; portfolio analysis; competitive advantages and diversification.                                      | Operations management, Macroeconomics (advanced course) | Risk management, Project management                                 | LMT                     |
|                              | DB    | KV        | Business research                |                       |                     |          | LO 3<br>LO 4<br>LO 7 | Mastering the theory by master's students, as well as developing practical skills in business research and analytics, life cycle analysis of the development of promising technologies. The scientific and technical aspects of the project are being studied.  | Operations management, Micro-macroeconomic analysis     | Risk management, Project management                                 | LMT                     |
|                              | DB    | KV        | Macroeconomics (advanced course) | 270                   | 9                   | 1        | LO 2<br>LO 7<br>LO 9 | Aimed at developing knowledge and skills in the field of modern macroeconomics and the practice of macroeconomic analysis, building macroeconomic models, models of consumer and investment behavior. Formation of skills in identifying the investment attractiveness of the industry and forecasting the development of the industry and the economy, analysis of the real and financial sectors of the economy. The learning process uses active learning methods such as working in groups on projects. | Bachelor disciplines                                    | Strategic Analysis, Economics and Industry Research Data Management | LMT                     |

|  |    |    |                              |     |   |   |                              |  |   |  |     |
|--|----|----|------------------------------|-----|---|---|------------------------------|--|---|--|-----|
|  | DB | KV | Micro-macroeconomic analysis |     |   |   | LO 2<br>LO 9<br>LO 10        | Forms knowledge about rational decision-making with limited resources, the behavior of individual economic entities, will allow future specialists to analyze events, processes and phenomena occurring at the micro and macro levels, study the patterns of economic evolution and methodological difficulties that economic science experiences with their explanation, develop skills in the use of special methods of economic justification of management decisions and assessment of their consequences. | Bachelor disciplines                        | Strategic Analysis, Economics and Industry Research Data Management      | LMT |
| Module 2- Managerial and economic competencies | PD | KV | Innovation management        | 180 | 6 | 1 | LO 5<br>LO 10                | It studies the principles, methods and tools of innovation management in an organization, is focused on understanding the meaning of innovation and its role in modern business and society, designing innovative processes based on methods and tools for creating and managing processes aimed at creating and implementing innovation in an organization, developing creativity and innovative thinking, create and implement innovations to achieve competitive advantages                                 | Bachelor disciplines                        | Strategic Analysis, Data Management                                      | LMT |
|  | PD | KV | Operations management        |     |   |   | LO 5<br>LO 6<br>LO10         | Aimed at studying issues of increasing the efficiency of the enterprise and the efficiency of operational processes so that the organization can achieve its strategic goals. Develops skills in planning, organizing, managing and monitoring operations and their continuous improvement, resource management, application of various methods to optimize production processes, product or service quality management, cost management, supply chain management and other functions.                         | Bachelor disciplines                        | Strategic management, Project management                                 | LMT |
|  | PD | KV | Risk management              |     |   |   | LO 2<br>LO 9                 | Explores the methods, tools and strategies used to manage risk in various areas of business and finance. Identify different types of risks and understand their nature, methods for assessing the likelihood and impact of risks on business processes or investments, developing strategies aimed at reducing, transferring, avoiding or accepting risks, making management decisions taking into account risk and clearly assessing their impact.  | Strategic management, Operations management | Master's student's research work, Final certification of master's degree | LMT |
|  | PD | KV | Strategic Analysis           |     |   |   | LO 1<br>LO 3<br>LO 4<br>LO 8 | The main goal is aimed at studying methods and tools that allow you to analyze the internal and external environment of an organization in order to develop and implement effective strategies. Teaches you to think strategically and understand the importance of developing long-term plans and goals for the organization, develops skills in analysis and strategic decision-making for successfully managing the organization and achieving its goals in the long term                                   | Strategic management, Innovation management | Master's student's research work, Final certification of master's degree | LMT |
|  | PD | KV |                              | 180 | 6 | 2 | LO 6<br>LO 8                 | Considers the place and role of human resources in enterprise management, choosing a human resource management strategy, developing skills in developing a recruitment mechanism, conducting interviews, creating a team, an   | Bachelor disciplines                        | Data Management, Strategic Analysis                                      | LMT |

|                         |    |    |  |     |     |   |                               |  |  |  |     |
|-------------------------|----|----|--|-----|-----|---|-------------------------------|--|--|--|-----|
|                         |    |    | Human Resource Management                |     |     |   |                               | effective policy for motivating company employees, the control function as an element of the human resource management strategy, career growth, creating a psychological climate team, know the regulations in the field of labor relations. Active learning methods: case methods; business role-playing games, group work.   |  |  |     |
|                         | PD | KV | Management consulting                    |     |     |   | LO 4<br>LO 6                  | It studies the features of forms of management and business, the process of solving and constructing a number of tasks, such as improving the quality of work of the organization's management structures, correlating the interests of the company in order to find common ground, developing new management techniques in the company, determining the effectiveness of teamwork, analyzing the activities of management personnel, including certification and development of recommendations based on its results. Development of personnel motivation systems and their implementation. Active learning methods: case methods; business role-playing games, group work. | Bachelor disciplines   | Data Management, Strategic Analysis                                      | LMT |
|                         | PD | KV | Economics and management in the industry | 6   | 180 | 2 | LO 5<br>LO 6<br>LO 8<br>LO 10 | Studies the main approaches to analyzing the problems of functioning of economic sectors and prospects for their development, issues of public management of various industries, considers alternative solutions for optimizing costs and managing the industry, developing criteria for their assessment, ways to increase the competitiveness of the industry based on analysis and assessment of the situation in the industry, skills forecasting economic trends affecting the industry.  | Macroeconomics (advanced course)   | Big Data in the digital economy, Data management, Strategic analysis     | LMT |
|                         | PD | KV | Economics and management in transport    |     |     |   | LO<br>LO 8<br>LO 9<br>LO 10   | Considers the features of the processes of economic activity and management in various types of transport, analyzes the factors influencing the development of the transport industry, ways to use transit potential and access to global transport systems, innovation activities, factors for increasing labor productivity in the transport sector, consumption of various resources in the transportation process and their impact on tariffs and the cost of transport services   | Macroeconomics (advanced course)   | Big Data in the digital economy, Data management, Strategic analysis     | LMT |
| Module 3-IT competences | PD | KV | Big Data in the digital economy          | 180 | 6   | 3 | LO 1<br>LO 2<br>LO 8          | Aimed at studying an introduction to web analytics and web marketing, the process of collecting and analyzing data, finding insights about the behavior of website visitors, making decisions about a site, a product, analyzing advertising sources, analyzing web server logs, exploring future web trends analytics, web monitoring and trend analysis, collecting and extracting data from social networks, methods for identifying trends in social data. The learning process takes place in computer classes using various programs and Internet platforms  | Macroeconomics (Advanced Course), Human Resource Management, Economics and Industry Management | Master's student's research work, Final certification of master's degree | LMT |
|                         | PD | KV |  |     | 6   | 3 | LO 1                          | Studies methods of data processing, approaches to  | Macroeconomics   | Master's student's   | LMT |

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|--|--|--|-----------------|--|--|--|--------------|--|--|---|--|
|  |  |  | Data management |  |  |  | LO 6<br>LO 9 | management (process, system, situational), reducing redundancy, the ability to eliminate inconsistencies, as well as general access to data, effective, economical and secure organization of processes for collecting, storing and using data in applications, analytical tools and algorithms, AWS programs, etc., optimization of data management by companies. The learning process takes place in specialized computer classes. | (Advanced Course),<br>Human Resource<br>Management,<br>Economics and<br>Industry<br>Management | research work, Final<br>certification of<br>master's degree |  |
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Head of the department "Logistics and management in transport"

  
28.02.2023  
Musalieva R.D.

Agreed:

Head of Project LLP «Global Trans Logistics»

  
27.02.2023  
Borsch A.B.

