

The program of the course "Logistics support innovation" drawn up in accordance to the program for professional training for masters field of knowledge 1801 "Specific categories" specialty 8.18010012 "Management of innovation"

"Logistics support innovation" is a discipline, combining both specific and interdisciplinary knowledge. The study of this discipline is based on concepts and theories terms of logistics, financial management, strategic management, marketing, innovation management and is aimed at the formation of the modern professional.

Academic discipline belongs to the cycle of selective university disciplines.

The subject of the course - relationships that are formed in the provision of logistics within the system of innovation management organization.

The purpose of discipline - the formation of complex knowledge on basic principles, categories, methods and tools for logistic support innovation in modern enterprises regardless of industry sector, size and structure; to form a picture of a systematic approach in the organization of logistics systems in the company, which is engaged in innovative activities.

Methodological arsenal discipline "Logistics support innovation" includes general scientific and special methods of knowledge (research).

The course has a block structure including lectures and workshops that use domestic and foreign experience. Teaching method combines traditional courses (lectures, seminars, workshops) and training (dealing with situations, business games, tests, solving practical problems) methods. This allows you to capture the attention of a wider audience and direct them to complete assimilation of all matters of course.

The main objectives of the course is in mastering the basic tools of effective management, including:

- students master the basic theoretical propositions of the modern concept of logistic support innovation;
- acquaint students with the purpose of mechanism and application of classical and modern methods and tools for optimizing logistics solutions in innovation enterprises;
- to acquaint students with the sequence of steps for creating enterprise logistics system to support innovation;
- teaching students to integrate innovative methods and logistics processes.

A study of the subject "Logistics support innovation" student should receive in-depth knowledge on the management of flow processes, skills of independent creative thinking, making optimal management decisions that ensure the support of innovation with optimal cost resources.

Contents of the course

Theme 1. Innovation and Production Logistics

Innovation, types of innovation, innovation theory, innovation process. Factors integrating innovation and logistics. The task of logistic support innovation, the purpose of logistic support innovation, function logistics company engaged in

innovative activities. Logistics for the investment capacity of enterprises. Factors that determine the need for logistics support innovative potential of the company.

Theme 2. Logistics software product innovations

The experience of foreign countries in the application of logistics to innovation. The concept of logistics impact on the design of a new product DFL. Economic Strategy packaging and transportation. Strategy modularity. The strategy of "delayed differentiation" of goods, especially the use strategy "delayed differentiation" of goods. Logistics for goods and logistics services as an object of management. Designing the basic parameters of the logistic product. The main components of logistic service when moving consumer goods for innovative logistics channels.

Theme 3. Logistics software technological innovation

Innovative activities in developing logistics technology. Logistics software functional activity of the company. Objects logistics solutions for strategic, tactical and operational management, time horizons logistics solutions. Optimal production specialization. The choice of production technology and logistics software strategy. The choice of suppliers of raw materials and semi-finished products for innovative products. Optimal transportation and storage technologies. Material compliance stocks. Determination of the party procurement, production lot and party supplies. Rationale policy on inventory. Inventory management systems. Innovation in service stocks. Features of formation of sales channels for innovative products. The value of the package in implementing innovation. Transport applicability of innovative products. Ensuring a high level of logistics services. Integration of innovative products supply chain from the supplier to the end user.

Tema4. Logistical support organizational and economic innovations

Innovative logistics management concept: LM, TQM, BPR, CM, benchmarking, TBM, ECR, CIM. Outsourcing logistics processes: IT-outsourcing, business process outsourcing, manufacturing outsourcing. Schemes providing outsourcing. Strategic and tactical advantages of outsourcing. Logistics transformation transport organizations. Formation of sourcing transport organization

Topic 5. Logistics supply chain as innovation

Using the concept of SCM in enterprise management. Vertical integration of enterprises, enterprise horizontal integration. Management of relationship with consumers. Customer service. Demand Management. Management of the order. Support production processes. Strategic supply management. Office elaboration of the product and its bringing to commercial use. Management of return channel of distribution. Logistics audit to optimize the supply chain. Logistics Financial Audit. Operational logistics audit. Logistics Management Audit. Stages and objectives of the logistics audit. Controlling Logistics supply chain. The process of implementation of logistics controlling. Performance evaluation of cost centers.