

INDUSTRIAL UNIVERSITY OF TYUMEN (RUSSIA)
Master-program
“Logistics and Supply Chain Management”

BASIC INFORMATION:

Programme type: Master's degree

Duration of training: 2 years

Number of ECTS: 120

Language of instruction: English

State accreditation and recognition of the program:

the program "Logistics and Supply Chain Management" is implemented in the framework of the general direction of training "Technology of transport processes". It has the state accreditation. According to the results of independent expertise it is included in the rating of "The best educational programs of innovative Russia".

Staffing of the program:

highly qualified teachers (25 employees of the University with a degree of candidate or doctor of Sciences, 3 top managers of industrial enterprises) are involved in the implementation of the program.

Support of industrial partners:

Within the framework of the program cooperation with more than 20 industrial partners, including Schlumberger, DPD, Holding Avtohrad, the General Department of Construction of the Tyumen Region, Russian Post, X5 Retail Group, U-tair, etc. is organized.















PROGRAM DESCRIPTION:

The programme focuses on the training of highly qualified logisticians - logistics managers, supply chain coordinators, analysts and researchers with an international methodology for strategic logistics management.

The program is based on the modern theory and practice of integrated logistics and the use of innovative approaches to supply chain management theory. The programme is guided by the following principles:

- Study of advanced concepts and technologies of integrated logistics and delivery management, allowing companies to compete successfully in a dynamic business environment;
- Development of skills for comprehensive analytical studies of transport processes and systems in the business environment of the company;
- Development of skills for risk assessment and evaluation of the effectiveness of the strategy selected by the company based on a balanced system of indicators;
- Formation of skills for development of innovative management solutions based on knowledge of modern concepts of loss management in logistics systems;
- Study of modern concepts and technologies of simulation modeling, formation of skills of methods of simulation modeling of logistics processes to solve management problems.

List of topics for training projects:

- Simulation model of the company's logistics processes "..."
- Improvement of the logistics chain of the company's products "... based on the application of lean-logistics principles.
- Introduction of "lean manufacturing" in the practice of cargo delivery by the company "..."
- Company Risk Management Model "..."
- Analysis of logistics strategy of the enterprise "... on the basis of the conducted researches

Study Program:

1st year of study	1st semester	Research methodology	4 ECTS
		Research activities (including research seminars)	2 ECTS
		Methods of managing enterprise losses	4 ECTS
		Technological entrepreneurship	2 ECTS
		Supply chain simulation	4 ECTS
		Regulatory framework for transport and logistics activities	3 ECTS
		Modern transport systems in supply chains	2 ECTS
		Strategic logistics planning	6 ECTS
	2nd semester	Strategy management: strategic logistics planning and inventory management strategies	7 ECTS
		Alternative procurement and supplier management strategies	6 ECTS
Supply chain risk management and cross-functional conflict management		5 ECTS	
Student research workshop in logistics		6 ECTS	
Practical training		6 ECTS	
1/08–31/08	summer holidays		
2nd year of study	3rd semester	Strategic management of logistics infrastructure and IT logistics support	6 ECTS
		Modern concepts of production logistics and distribution logistics	6 ECTS
		Integrated supply chain planning	6 ECTS
		Controlling logistics business processes	6 ECTS
		Practical training	6 ECTS
	20/12/– 14/01	winter holidays	
	4th semester	Internship	3 ECTS
Corporate governance and planning methods		4 ECTS	
Research activities (including research seminars)		14 ECTS	
Master's thesis and colloquium		12 ECTS	

TOTAL: 120