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Study programme "Business Logistics"

Main attributes

Title	Business Logistics
Identification code	ICL0
Education classification code	42345
Level and type	Professional Bachelor Study
Higher education study field	Management and Administration, Real Estate Management
Head of the study field	Inga Lapiņa
Department responsible	Faculty of Engineering Economics and Management
Head of the study programme	Ingūna Jurgelāne-Kaldava
Professional classification code	1324 39
The type of study programme	Full time, Extramural
Language	Latvian
Accreditation	25.08.2016 - 11.06.2019; Accreditation certificate No 22
Volume (credit points)	160.0
Duration of studies (years)	Full time studies - 4,0; Extramural - 5,0
Degree or/and qualification to be obtained	Professional Bachelor Degree in Business Logistics and Qualification of Head of Logistics Unit
Qualification level to be obtained	The 6th level of European Qualifications Framework (EQF) and Latvian Qualifications Framework (LQF); the 5th level of Latvian Professional Qualifications
Programme prerequisites	General Secondary Education or 4-year Vocational Secondary Education, or First Level Professional Higher Education in Business and Management

Description

Abstract	<p>The study programme is designed to educate and train senior specialists and heads of departments in the sphere of logistics and transport economics in accordance with the global labour market demands. The key emphasis of the study process is placed on the development of professional and practical skills based on scientific achievements, theoretical knowledge and specifics of the particular industry.</p> <p>Taking into consideration the specifics of the industry, some study courses are implemented in the English language in order to directly improve the use of professional terminology related to international business development and to promote successful cooperation with foreign institutions, organizations and companies. The academic staff of the university as well as industry representatives and highly trained practitioners with practical experience built up in companies and institutions of the relevant field are involved in the study process implementation.</p> <p>Students' practical skills are developed and improved not only by working on projects and solving various practical tasks, but also by undertaking a 6-month practical placement in institutions and companies operating in the relevant industry. Students are also offered and guaranteed participation in field trips to industry enterprises in Latvia and abroad.</p>
Aim	<p>The aims of the study programme are to educate and train highly-qualified, internationally competitive specialists, thus meeting the requirements of today's economy in the spheres of logistics and transport economics in accordance with the approved professional standards; to provide students with theoretical knowledge and practical skills that ensure appropriate knowledge base and expertise in the spheres of logistics and transport economics, as well as business management.</p>
Tasks	<p>The study programme tasks are the following:</p> <ul style="list-style-type: none"> - to provide competitive education in the field of logistics and transport economics in compliance with bachelor's level education, professional standards, and international standards; - to provide students with comprehensive knowledge, to develop analytical thinking, to enhance competencies as well as develop practical skills in order to qualify them for the labour market; - to ensure the development and advancement of the study programme content, study process, as well as scientific research in line with international practice and the latest software, scientific and technological discoveries and innovative approaches; - to foster students' interest in further professional development and further academic education, continuing studies at the master level, qualification advancement, as well as develop their interest in research and promote the use of the skills obtained; - to promote students' interest in social processes, as well as foster development of ethical and socially responsible personalities.

Learning outcomes	<p>The graduates of the study programme are able:</p> <ul style="list-style-type: none"> - to demonstrate their understanding of the regulatory requirements regarding logistics and transport processes (including passengers, cargo and dangerous goods), to ensure compliance with those requirements within the scope of their professional activities; - to manage the logistics department and ensure professional development of the staff; - to collaborate with other departments of the organization, as well as with product suppliers, buyers and service providers; - to assess economic patterns and regularities, to predict their dynamics and the desired action for the organisation/department; - to manage the work of a distribution centre or terminal; - to assess the costs and movement intensity of logistics processes; - to communicate in the official language and at least two foreign languages within the scope of their competences; - to provide labour safety, security, fire safety and environmental protection in accordance with legal requirements; - to use information technologies and professional software in order to perform their activities; - to present and justify the results of their work; - to conduct research of scientific value and to provide innovative solutions regarding material goods, movement of goods, storage, passenger movement and various kinds of transportation; - to act in accordance with professional codes of conduct and widely-accepted principles of ethics and communication.
Final/state examination procedure, assessment	<p>The study programme concludes with the state examination, one part of which is defence of the diploma project. In their diploma projects and during the defence process, the students demonstrate their skills in:</p> <ul style="list-style-type: none"> - the identification, classification and analysis of academic, scientific and professional literature and information, including statistical data in both the official and foreign languages; - the usage and application of appropriate research methods and technical means to analytically evaluate processes, economic performance, and development prospects in the sphere of logistics and transport economics within an enterprise (organization); - the development of a project based on calculations and arguments for significant and current problem solution in an enterprise (organization); - drawing economically-sound, justified conclusions, and developing and formulating appropriate proposals; - presenting research findings and defending their personal and professional point of view.
Description of the future employment	<p>The manager of logistics department works at companies engaged in logistics, international and domestic cargo or passenger transportation, wholesale trade, retail trade, manufacturing and services, as well as at state and local government institutions, whose activities are related to transport and/or logistics industry or which ensure logistics service management and organization.</p> <p>The manager of logistics department monitors the quality of logistics services; defines the company policy in logistics processes; executes general supervision of supplier performance, and a policy of cooperation with suppliers and buyers of goods and services; provides control and analysis of the level of logistics costs in the enterprise, optimization management; together with the administration, marketing, purchasing or sales professionals develops the strategy of the company's inventory management; collaborates with other departments of the company; at the strategic level is responsible for establishment of goods and services distribution channels and supply chains, including the locations of warehouses and choice of transport modes and their combinations, cost optimization; manages and administers the logistics department staff; ensures and manages international sea, air, land or intermodal cargo transportation; performs passenger flow analysis and cost level management in passenger transportation; if necessary implements flow optimization; monitors passenger satisfaction level in collaboration with quality control specialists; sets the route planning methodology in accordance with passenger flows; ensures passenger service regularity and adequacy; provides and manages international sea, air, road or rail passenger services.</p>
Special enrollment requirements	No
Opportunity to continue studies	Master level studies

Courses

No	Code	Name	Credit points
A		Compulsory study courses	73.0
A.1		General education study courses	13.0
1	DAM103	Mathematics	5.0
2	IĀS205	Statistics	3.0
3	IĀS215	Quantitative Methods for Economics	3.0
4	ICA105	Civil Defence	1.0
5	IĀS709	Introduction to Study Field	1.0
A.2		Field specific theoretical basic study courses and IT study	27.0
1	IVZ749	Business Intelligence Technologies I	3.0
2	ITA704	Economics	4.0
3	ITE326	Transport and Organization of Transportation	4.0
4	IUE407	Marketing	3.0
5	IMP201	Taxes and Duties	3.0
6	IUV443	Legal Basis of Entrepreneurship	2.0
7	ITE322	Legal Aspects of Organization of Transport Services	2.0
8	IUV321	Business Management	2.0
9	ITE307	Fundamentals of Business Logistics	2.0
10	ITE334	Business Logistics (study project)	2.0
A.3		Field specific professional study courses	33.0
1	IVZ752	Business Intelligence Technologies II	2.0
2	DMI461	Logistics Systems Simulation	3.0
3	IVZ771	Work Environment and Ergonomics	2.0
4	IĀS307	Economic and Transport Geography	2.0
5	IUV322	Principles of Finances	2.0
6	IUV204	Accounting	2.0
7	IĀS711	International Business Planning	2.0
8	ITE335	Commercial Transportation Operation	2.0
9	ITE336	Commercial Transportation Operation (study project)	2.0
10	IĀS712	International Business Planning	2.0
11	ITE333	Business Logistics	2.0
12	IĀS733	International Business Etiquette and Communication	3.0
13	ITE303	Organization of Terminals and Warehouses	3.0
14	IĀS719	Research Work	4.0
B		Compulsory elective study courses	43.0
B1		Field-specific study course	35.0
1	IMP401	Commodity Science of Export and Import	2.0
2	ITE419	Third Party Business Logistics	2.0
3	ITE327	Stock Management	3.0
4	IĀS308	International Trade	3.0
5	IMP303	Organization of Customs Activities and Control	3.0
6	IMP314	Customs Legislation in Latvia and Abroad	2.0
7	ITE328	Supply Chain Management and Freight Forwarding	2.0
8	ITE329	Fundamentals of Transport Infrastructure and Technology	2.0
9	ITE330	Risks and Insurance in Transport	2.0
10	IĀS424	Modelling of Transportation Processes	2.0
11	ITE331	Organisation of Traffic and Environment Protection	2.0
12	IĀS213	Quality System Management	2.0
13	ITE332	Transportation of Hazardous Goods	2.0
14	ITE403	Management of International Transportation	2.0
15	IUV305	Personnel Management (basic course)	2.0
16	ITE306	Economics and Management of Transport	2.0
17	ITE433	International Law on Transportation	2.0
18	KPI103	Basics of Materials Science	2.0
19	IUE600	E-Commerce	4.0
20	DMI701	Logistics Systems Management Tools	2.0
21	IĀS411	International Marketing	2.0
22	IĀS111	National Economy of Latvia	2.0
23	IMP230	International Economic Relations	2.0

24	IĀS722	Record Keeping in International Companies	2.0
B2		Humanities and social sciences study courses	2.0
1	HSP375	Sociology of Management	2.0
2	HFL336	Basic Ethics	2.0
3	HSP379	Political System of Latvia	2.0
B6		Languages	6.0
1	HDG405	English	4.0
2	HDG403	English	2.0
3	HDG404	German	4.0
4	HDG410	Special German	2.0
5	HDG310	The French Language	4.0
6	HDG433	Special French	2.0
7	VIV151	Basics of Russian	4.0
C		Free elective study courses	6.0
D		Practical Placement	26.0
1	ITE013	Field Training	16.0
2	ITE014	Project Practice	10.0
E		Final examination	12.0
1	IĀS710	Diploma Project	12.0