



## RĪGAS TEHNISKĀ UNIVERSITĀTE

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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 (First Cycle) Studies
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	26.05.2021 - 27.05.2027; Accreditation certificate No 2022/35
Volume (credit points)	240.0
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 / logistics manager
Qualification level to be obtained	The 6th level of European Qualifications Framework (EQF) and Latvian Qualifications Framework (LQF); the 6th level of professional qualification
Programme prerequisites	General or vocational secondary education

#### 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 aim of the study programme is to train qualified, internationally competitive specialists in the fields of logistics and transport economics conforming to the approved occupational standard requirements (Logistics manager), as well as to provide students with theoretical and practical knowledge that ensures the basis and professional competence in the field of logistics and transport economics.</p>
Tasks	<p>The study programme tasks are the following:</p> <ul style="list-style-type: none"><li>- to provide competitive education in the fields of logistics and transport economics in line with the Bachelor level, the professional standard and the international environment;</li><li>- to provide students with comprehensive knowledge, to develop analytical thinking, to develop skills and competences, as well as to promote practical work skills, preparing students for the labor market;</li><li>- to ensure the development and improvement of the content of the study program, the study process, as well as scientific research work in accordance with international internship and the latest software, scientific and technological discoveries and innovative methods;</li><li>- to stimulate students' interest in further professional development and improvement of their academic knowledge, to continue their studies at the Master level, to improve their qualification, as well as to develop interest in research work and to promote the use of these skills;</li><li>- to stimulate students' interest in the processes taking place in the community, as well as to promote ethical and socially responsible personalities.</li></ul>
Learning outcomes	<p>The graduates of the study programme are:</p> <ul style="list-style-type: none"><li>- able to plan and organize the logistics processes;</li><li>- able to manage and analyse logistics processes;</li><li>- able to implement logistical control measures;</li><li>- able to control logistics processes;</li><li>- able to manage the work of the logistics unit;</li><li>- able to plan flows of goods and services in regional markets;</li><li>- able to work with information and communication technologies;</li><li>- able to track and manage logistics cost and revenue estimates and payment flow;</li><li>- able to fulfil general professional tasks.</li></ul>

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"> <li>- the identification, classification and analysis of academic, scientific and professional literature and information, including statistical data in both the official and foreign languages;</li> <li>- 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);</li> <li>- the development of a project based on calculations and arguments for significant and current problem solution in an enterprise (organization);</li> <li>- drawing economically-sound, justified conclusions, and developing and formulating appropriate proposals;</li> <li>- presenting research findings and defending their personal and professional point of view.</li> </ul>
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
<b>A</b>		<b>Compulsory Study Courses</b>	<b>132.0</b>
<b>A1</b>		<b>General Education Study Courses</b>	<b>18.0</b>
1	<a href="#">IV0165</a>	Work Environment and Ergonomics	3.0
2	<a href="#">IV0759</a>	Civil Protection	2.0
3	<a href="#">IV0761</a>	Introduction to Studies	1.0
4	<a href="#">SD0003</a>	Innovative Product Development and Entrepreneurship	6.0
5	<a href="#">IV0441</a>	Introduction to research	6.0
<b>A.2</b>		<b>Field-Specific Theoretical Basic and IT Study Courses</b>	<b>55.0</b>
1	<a href="#">IV0152</a>	Economics	6.0
2	<a href="#">DE0143</a>	Mathematics	8.0
3	<a href="#">IV0002</a>	Statistics	4.0
4	<a href="#">IV0015</a>	Quantitative Methods for Economics	4.0
5	<a href="#">IV0149</a>	Fundamentals of Logistics	3.0
6	<a href="#">DE0245</a>	Logistics Systems Simulation	5.0
7	<a href="#">IV0331</a>	Principles of Finances	3.0
8	<a href="#">IV0148</a>	Accounting	3.0
9	<a href="#">IV0333</a>	Taxes and Duties	3.0
10	<a href="#">IV0029</a>	Basics of Quality Management	4.0
11	<a href="#">IV0700</a>	Document Management	3.0
12	<a href="#">IV0269</a>	National Economy of Latvia	3.0
13	<a href="#">IV0701</a>	Information Technology and Business Data Analysis	3.0
14	<a href="#">IV0702</a>	Business Intelligence Tools and Methods	3.0
<b>A.3</b>		<b>Field-Specific Professional Study Courses</b>	<b>59.0</b>
1	<a href="#">DA0055</a>	Environment and Climate Roadmap	2.0
2	<a href="#">IV0267</a>	Economic and Transport Geography	3.0
3	<a href="#">IV0328</a>	International Business Planning (study project)	3.0
4	<a href="#">IV0153</a>	Transport and Organization of Transportation	6.0
5	<a href="#">IV0161</a>	Risks and Insurence in Transport	3.0
6	<a href="#">IV0341</a>	Transport Economics and Commercial Operation	6.0
7	<a href="#">IV0154</a>	Logistics (study project)	3.0
8	<a href="#">IV0325</a>	Transport Economics and Commercial Operation (study project)	3.0
9	<a href="#">IV0150</a>	Logistics	3.0
10	<a href="#">IV0340</a>	International Economic Relations and Globalization	6.0
11	<a href="#">IV0329</a>	Third Party Business Logistics	3.0
12	<a href="#">IV0156</a>	Transportation of Hazardous Goods	3.0
13	<a href="#">IV0335</a>	Organization of International Purchasing Process	3.0
14	<a href="#">IV0158</a>	International Trade	3.0
15	<a href="#">IV0337</a>	Legal Basis of Entrepreneurship	3.0
16	<a href="#">IV0330</a>	Digital Transformation of Logistics Processes	3.0
17	<a href="#">IV0762</a>	Business Data Processing Automation	3.0
<b>B</b>		<b>Compulsory Elective Study Courses</b>	<b>42.0</b>
<b>B1</b>		<b>Field-Specific Study Courses</b>	<b>30.0</b>
1	<a href="#">IV0147</a>	International Marketing	3.0
2	<a href="#">IV0268</a>	Intercultural Communication	3.0
3	<a href="#">IV0327</a>	Commodity Science of Export and Import	3.0
4	<a href="#">IV0077</a>	International Business Etiquette and Communication	5.0
5	<a href="#">IV0086</a>	Multimodal Cargo Transportation	5.0
6	<a href="#">IV0114</a>	Organization of Terminals and Warehouses	5.0
7	<a href="#">IV0159</a>	Legal Aspects of Organization of Transport Services	3.0
8	<a href="#">IV0336</a>	Supply Chain Management and Freight Forwarding	3.0
9	<a href="#">IV0162</a>	International Labour Law	3.0
10	<a href="#">IV0332</a>	Management of International Transportation	3.0
11	<a href="#">IV0760</a>	Personnel Management	3.0
12	<a href="#">IV0359</a>	Customs Legislation	3.0
13	<a href="#">JA0214</a>	Prevention of Environmental Pollution at Sea	6.0
14	<a href="#">JA0217</a>	Technology of Cargo Transportation	6.0
15	<a href="#">IV0698</a>	Business and Labour Law	4.0
		<i>Port and Maritime Transport Logistics</i>	<i>30.0</i>

1	<a href="#">JA0211</a>	Port and Maritime Economy	6.0
2	<a href="#">JA0212</a>	Maritime Economy	6.0
3	<a href="#">JA0213</a>	Maritime Law and Port Legislation	6.0
4	<a href="#">JA0215</a>	Technology of Cargo Transportation	6.0
5	<a href="#">JA0216</a>	Port and Terminal Operations	6.0
<b>B2</b>		<b>Humanities and Social Sciences Study Courses</b>	<b>3.0</b>
1	<a href="#">DE0258</a>	Sociology of Management	3.0
2	<a href="#">DE0295</a>	Political System of Latvia	3.0
3	<a href="#">IV0354</a>	Management Theory	3.0
<b>B6</b>		<b>Languages</b>	<b>9.0</b>
1	<a href="#">DE0251</a>	English	6.0
2	<a href="#">DE0249</a>	English	3.0
3	<a href="#">DE0247</a>	German	6.0
4	<a href="#">DE0252</a>	German	3.0
5	<a href="#">DE0253</a>	The French Language	6.0
6	<a href="#">DE0248</a>	French	3.0
7	<a href="#">DE0250</a>	Basics of Russian	6.0
<b>C</b>		<b>Free Elective Study Courses</b>	<b>9.0</b>
<b>D</b>		<b>Practical Placement</b>	<b>39.0</b>
1	<a href="#">IV0339</a>	Internship	39.0
<b>E</b>		<b>Final Examination</b>	<b>18.0</b>
1	<a href="#">IV0326</a>	Diploma Project	18.0