

Level: **Professional Bachelor study program**

Study direction: **Mechanics**

Program: **Aircraft Technical Maintenance**

Course title	Course Block	Course Code	CP	ECTS
1 Introduction to Specialty	General education study courses	GKTA101	1	1.5
2 Philosophy and sociology	General education study courses	GKTA102	1	1.5
3 Human factor in aviation	General education study courses	GKTA103	3	4.5
4 Basics of Economics and Business	General education study courses	GKTA104	3	4.5
5 Nature and Human Protection	General education study courses	GKTA105	2	3.0
6 English and Technical Aviation English	General education study courses	GKTA106	8	12.0
7 Latvian language for foreign students	General education study courses	GKTA107	2	3.0
8 Higher mathematics	Theoretical basic courses related to the appropriate field	GKTA201	4	6.0
9 Physics	Theoretical basic courses related to the appropriate field	GKTA202	4	6.0
10 Chemistry, fuel and lubricants	Theoretical basic courses related to the appropriate field	GKTA203	2	3.0
11 Electrical engineering	Theoretical basic courses related to the appropriate field	GKTA204	3	4.5
12 Aerodynamics	Theoretical basic courses related to the appropriate field	GKTA205	3	4.5
13 Descriptive geometry and engineer graphics	Theoretical basic courses related to the appropriate field	GKTA206	3	4.5
14 Theoretical mechanics	Theoretical basic courses related to the appropriate field	GKTA207	3	4.5
15 Resistance of materials and strength of structures	Theoretical basic courses related to the appropriate field	GKTA208	4	6.0
16 Theory of mechanisms and elements of machines	Theoretical basic courses related to the appropriate field	GKTA209	2	3.0
17 Aviation materials and technology	Theoretical basic courses related to the appropriate field	GKTA210	5	7.5
18 Metrology	Theoretical basic courses related to the appropriate field	GKTA211	2	3.0
19 Electronics	Theoretical basic courses related to the appropriate field	GKTA212	3	4.5
20 Mechatronics	Theoretical basic courses related to the appropriate field	GKTA213	2	3.0
21 Basics of aviation automation	Professional specialization courses related to the appropriate field	GKTA 301	2	3.0
22 Thermodynamics	Professional specialization courses related to the appropriate field	GKTA 302	3	4.5
23 Hydraulics	Professional specialization courses related to the appropriate field	GKTA 303	3	4.5
24 Aircraft radio electronic equipment and digital technology	Professional specialization courses related to the appropriate field	GKTA 304	5	7.5
25 Airplane structure and systems	Professional specialization courses related to the appropriate field	GKTA 305	4	6.0
26 Theory and construction of aviation engines	Professional specialization courses related to the appropriate field	GKTA 306	5	7.5
27 Powerplant	Professional specialization courses related to the appropriate field	GKTA 307	3	4.5
28 Maintenance and repair of aircraft	Professional specialization courses related to the appropriate field	GKTA 308	5	7.5
29 Maintenance regulatory documentation	Professional specialization courses related to the appropriate field	GKTA 309	3	4.5
30 Mechanisation and automation of aircraft technical maintenance production processes	Professional specialization courses related to the appropriate field	GKTA 310	3	4.5
31 Aircraft technical maintenance organization	Professional specialization courses related to the appropriate field	GKTA 311	4	6.0
32 Technical diagnostics	Professional specialization courses related to the appropriate field	GKTA 312	4	6.0
33 Study Project in Mechanics	Professional specialization courses related to the appropriate field	GKTA 313	2	3.0
34 Study Project in Technical Maintenance	Professional specialization courses related to the appropriate field	GKTA 314	3	4.5
35 Study Project in Aircraft Engines	Professional specialization courses related to the appropriate field	GKTA 315	3	4.5
36 Computer aided design and information technology	Professional specialization courses related to the appropriate field	GKTA 316	3	4.5
37 Propeller	Professional specialization courses related to the appropriate field	GKTA 317	2	3.0
38 Operation and maintenance of aviation systems	Professional specialization courses related to the appropriate field	GKTA 318	3	4.5
39 Personnel Management	Elective courses	GKTA 401	1	1.5
40 Communication in Business	Elective courses	GKTA 402	2	3.0
41 Legal bases and aviation regulatory documents	Elective courses	GKTA 403	3	4.5
42 Organization of research work	Elective courses	GKTA 404	2	3.0
43 Information technology	Elective courses	GKTA 405	2	3.0
44 CALS technologies	Elective courses	GKTA 406	2	3.0
45 Quality management system	Elective courses	GKTA 407	2	3.0

Level: **Professional Bachelor study program**

Study direction: **Mechanics**

Program: **Air Transport Systems Management and Operation**

Course title	Course Block	Course Code	CP	ECTS
1 Introduction to specialty	General education study courses	GTVE101	1	1.5
2 Philosophy and sociology	General education study courses	GTVE102	1	1.5
3 Aviation legislation	General education study courses	GTVE103	3	4.5
4 Human factors in aviation	General education study courses	GTVE104	3	4.5
5 Professional Language and Phraseology in Aviation	General education study courses	GTVE105	3	4.5
6 Basics of Logistics	General education study courses	GTVE106	2	3.0
7 Legal bases and aviation regulatory documentation	General education study courses	GTVE107	3	4.5
8 Nature and Human Protection	General education study courses	GTVE108	2	3.0
9 Latvian language for foreign students	General education study courses	GTVE109	2	3.0
10 Aerodynamics	Theoretical basic courses related to the appropriate field	GTVE201	3	4.5
11 Physics	Theoretical basic courses related to the appropriate field	GTVE202	4	6.0
12 Higher mathematics	Theoretical basic courses related to the appropriate field	GTVE203	4	6.0
13 Electrical engineering	Theoretical basic courses related to the appropriate field	GTVE204	2	3.0
14 Engineer Graphics	Theoretical basic courses related to the appropriate field	GTVE205	3	4.5
15 Computer technology in aviation	Theoretical basic courses related to the appropriate field	GTVE206	3	4.5
16 Hydraulics	Theoretical basic courses related to the appropriate field	GTVE207	3	4.5
17 Thermodynamics	Theoretical basic courses related to the appropriate field	GTVE208	3	4.5
18 Theory of mechanisms and elements of machines	Theoretical basic courses related to the appropriate field	GTVE209	2	3.0
19 Aviation materials	Theoretical basic courses related to the appropriate field	GTVE210	2	3.0
20 Theory and operation of aviation engines	Theoretical basic courses related to the appropriate field	GTVE211	4	6.0
21 Electronics	Theoretical basic courses related to the appropriate field	GTVE212	3	4.5
22 Aircraft construction	Professional specialization courses related to the appropriate field	GTVE301	3	4.5
23 Metrology	Professional specialization courses related to the appropriate field	GTVE302	2	3.0
24 Telecommunications in aviation	Professional specialization courses related to the appropriate field	GTVE303	4	6.0
25 Aviation electronics and electrical equipment	Professional specialization courses related to the appropriate field	GTVE304	3	4.5
26 Flight operation and flight management	Professional specialization courses related to the appropriate field	GTVE305	4	6.0
27 Mass and balance	Professional specialization courses related to the appropriate field	GTVE306	2	3.0
28 Navigation	Professional specialization courses related to the appropriate field	GTVE307	4	6.0
29 Meteorology	Professional specialization courses related to the appropriate field	GTVE308	4	6.0
30 Basics of management	Professional specialization courses related to the appropriate field	GTVE309	2	3.0
31 Study project in the operation of Air transport systems	Professional specialization courses related to the appropriate field	GTVE310	2	3.0
32 Aircraft Commercial Operation	Professional specialization courses related to the appropriate field	GTVE311	3	4.5
33 Aircraft consumables	Professional specialization courses related to the appropriate field	GTVE312	2	3.0
34 Aviation Transport Systems	Professional specialization courses related to the appropriate field	GTVE313	3	4.5
35 Quality management system	Professional specialization courses related to the appropriate field	GTVE314	2	3.0
36 Project management	Professional specialization courses related to the appropriate field	GTVE315	2	3.0
37 Study Project in Mechanics	Professional specialization courses related to the appropriate field	GTVE316	3	4.5
38 Study project in electrical engineering and electronics	Professional specialization courses related to the appropriate field	GTVE317	3	4.5
39 Study project in management	Professional specialization courses related to the appropriate field	GTVE318	2	3.0
40 Aircraft Flight Operation	Professional specialization courses related to the appropriate field	GTVE319	10	15.0
41 Information and computer technologies	Elective courses	GTVE401	2	3.0
42 Foreign language (English)	Elective courses	GTVE402	2	3.0
43 Aircraft Technical Maintenance Organization and Provision	Elective courses	GTVE403	2	3.0
44 Organization of research work	Elective courses	GTVE404	2	3.0
45 Power Equipment	Elective courses	GTVE405	3	4.5
46 Theoretical mechanics	Elective courses	GTVE406	3	4.5

Level: **Professional Master's study program**

Study direction: **Mechanics**

Program: **Transport Systems Management**

Course title	Course Block	Course Code	CP	ECTS
1 Econometrics	Courses that ensure the acquisition of the latest achievements	TSV102	2	3.0
2 Information technologies in transport systems	Courses that ensure the acquisition of the latest achievements	TSV103	2	3.0
3 Latvian language for foreign students	Courses that ensure the acquisition of the latest achievements	TSV104	2	3.0
4 Transport processes modeling	Courses that ensure the acquisition of the latest achievements	TSV105	2	3.0
5 Ecology of transport systems	Courses that ensure the acquisition of the latest achievements	TSV106	2	3.0
6 Global Logistics	Courses that ensure the acquisition of the latest achievements	TSV107	2	3.0
7 Innovative economy and marketing	Research and design work and management courses	TSV201	3	4.5
8 International project management	Research and design work and management courses	TSV202	2	3.0
9 Research methodology	Research and design work and management courses	TSV203	2	3.0
10 Quality management system	Research and design work and management courses	TSV204	2	3.0
11 Commercial activity in transport systems	Research and design work and management courses	TSV205	3	4.5
12 Human factor and risk management in transport systems	Research and design work and management courses	TSV206	3	4.5
13 Transport system technologies	Research and design work and management courses	TSV207	3	4.5
14 Innovation management	Research and design work and management courses	TSV208	2	3.0

Level: **Professional Bachelor study program**

Study direction: **Transport services**

Program: **International Transportation Enterprise Management**

Course title	Course Block	Course Code	CP	ECTS
1 Political science and sociology	General education study courses	SPUV102	2	3.0
2 Philosophy and psychology	General education study courses	SPUV103	2	3.0
3 Foreign language (English)	General education study courses	SPUV104	3	4.5
4 Office work and business correspondence	General education study courses	SPUV105	2	3.0
5 Environment and human protection	General education study courses	SPUV106	2	3.0
6 The basics of the law	General education study courses	SPUV107	2	3.0
7 Personnel management and communication in the business	General education study courses	SPUV108	2	3.0
8 Latvian language (for foreign students)	General education study courses	SPUV109	2	3.0
9 Applied statistics	Theoretical basic courses related to the appropriate field	SPUV201	3	4.5
10 New technologies in logistics	Theoretical basic courses related to the appropriate field	SPUV202	2	3.0
11 Economic mathematical modeling	Theoretical basic courses related to the appropriate field	SPUV203	2	3.0
12 Macroeconomics	Theoretical basic courses related to the appropriate field	SPUV204	2	3.0
13 Microeconomics	Theoretical basic courses related to the appropriate field	SPUV205	3	4.5
14 Marketing in transport	Theoretical basic courses related to the appropriate field	SPUV206	3	4.5
15 Information technologies	Theoretical basic courses related to the appropriate field	SPUV207	2	3.0
16 Introduction to specialty	Theoretical basic courses related to the appropriate field	SPUV208	2	3.0
17 Basics of business	Theoretical basic courses related to the appropriate field	SPUV209	3	4.5
18 Transport and logistics system management	Theoretical basic courses related to the appropriate field	SPUV210	4	6.0
19 Economics of company	Theoretical basic courses related to the appropriate field	SPUV211	2	3.0
20 Latvian economy and world economics	Theoretical basic courses related to the appropriate field	SPUV212	2	3.0
21 Transport logistics	Theoretical basic courses related to the appropriate field	SPUV213	4	6.0
22 Ecology and green logistics	Theoretical basic courses related to the appropriate field	SPUV214	2	3.0
23 Quality management	Theoretical basic courses related to the appropriate field	SPUV215	2	3.0
24 Transport economics and systems	Professional specialization courses related to the appropriate field	SPUV301	3	4.5
25 Project management	Professional specialization courses related to the appropriate field	SPUV302	2	3.0
26 Financial management	Professional specialization courses related to the appropriate field	SPUV303	4	6.0
27 Cargo handling	Professional specialization courses related to the appropriate field	SPUV304	2	3.0
28 International transport policy and law	Professional specialization courses related to the appropriate field	SPUV305	3	4.5
29 Transport hubs and terminals	Professional specialization courses related to the appropriate field	SPUV306	6	9.0
30 Vehicles	Professional specialization courses related to the appropriate field	SPUV307	2	3.0
31 Transport organization of production	Professional specialization courses related to the appropriate field	SPUV308	3	4.5
32 Management and safety of transport traffic	Professional specialization courses related to the appropriate field	SPUV309	3	4.5
33 Transport organization	Professional specialization courses related to the appropriate field	SPUV310	4	6.0
34 Accounting	Professional specialization courses related to the appropriate field	SPUV311	2	3.0
35 Commercial transport activities	Professional specialization courses related to the appropriate field	SPUV312	4	6.0
36 Insurance of transport	Professional specialization courses related to the appropriate field	SPUV313	2	3.0
37 Strategy of innovation and investments	Professional specialization courses related to the appropriate field	SPUV314	4	6.0
38 Fundamentals of strategic management	Professional specialization courses related to the appropriate field	SPUV315	2	3.0
39 Development of management systems and management decisions	Professional specialization courses related to the appropriate field	SPUV316	4	6.0
40 Information, communication and CALS technologies	Professional specialization courses related to the appropriate field	SPUV317	2	3.0
41 Study work in project management	Professional specialization courses related to the appropriate field	SPUV318	2	3.0
42 Study work in design and development of management systems	Professional specialization courses related to the appropriate field	SPUV319	3	4.5
43 Study work in transport hubs and terminals	Professional specialization courses related to the appropriate field	SPUV320	3	4.5
44 Business english	Elective courses	SPUV401	2	3.0
45 Warehousing and storage systems	Elective courses	SPUV402	2	3.0
46 Intercultural communication and international tourism	Elective courses	SPUV403	2	3.0
47 Forecasting and planning theory and practice	Elective courses	SPUV404	2	3.0
48 City logistics	Elective courses	SPUV405	2	3.0
49 Organization of scientific work	Elective courses	SPUV406	2	3.0

Level: **Professional Bachelor study program**
Study direction: **Transport services**
Program: **Air Traffic Control**

Course title	Course Block	Course Code	CP	ECTS
1 Higher mathematics	General education study courses	GSV101	3	4.5
2 Environment and human protection	General education study courses	GSV102	2	3.0
3 Philosophy and psychology	General education study courses	GSV103	2	3.0
4 Physics	General education study courses	GSV104	3	4.5
5 Office work and business correspondence	General education study courses	GSV105	2	3.0
6 Political science and sociology	General education study courses	GSV106	2	3.0
7 The basics of the law	General education study courses	GSV107	2	3.0
8 Latvian economy and world economics	General education study courses	GSV108	2	3.0
9 Latvian language for foreign students	General education study courses	GSV109	2	3.0
10 Basics of aerodynamics	Theoretical basic courses related to the appropriate field	GSV201	2	3.0
11 Aeronavigation	Theoretical basic courses related to the appropriate field	GSV202	3	4.5
12 Introduction to specialty	Theoretical basic courses related to the appropriate field	GSV203	2	3.0
13 Aviation english	Theoretical basic courses related to the appropriate field	GSV204	6	9.0
14 Information technologies	Theoretical basic courses related to the appropriate field	GSV205	2	3.0
15 Mathematical modeling methods	Theoretical basic courses related to the appropriate field	GSV206	2	3.0
16 Basics of management in an aviation company	Theoretical basic courses related to the appropriate field	GSV207	2	3.0
17 Communication in business	Theoretical basic courses related to the appropriate field	GSV208	2	3.0
18 Production economy and management	Theoretical basic courses related to the appropriate field	GSV209	2	3.0
19 International aviation law	Theoretical basic courses related to the appropriate field	GSV210	2	3.0
20 Air traffic control theory	Theoretical basic courses related to the appropriate field	GSV211	3	4.5
21 Digital environment and engineering graphics	Theoretical basic courses related to the appropriate field	GSV212	2	3.0
22 Knowledge of aviation materials	Theoretical basic courses related to the appropriate field	GSV213	2	3.0
23 Innovation management	Theoretical basic courses related to the appropriate field	GSV214	2	3.0
24 Marketing in an aviation company	Theoretical basic courses related to the appropriate field	GSV215	2	3.0
25 Accounting and tax policy in an aviation company	Theoretical basic courses related to the appropriate field	GSV216	2	3.0
26 Business and management	Theoretical basic courses related to the appropriate field	GSV217	2	3.0
27 Aviation devices and navigation systems	Professional specialization courses related to the appropriate field	GSV301	2	3.0
28 Meteorological support of air traffic control	Professional specialization courses related to the appropriate field	GSV302	3	4.5
29 Risk management and the human factor in aviation	Professional specialization courses related to the appropriate field	GSV303	2	3.0
30 Electronics and radio electronics	Professional specialization courses related to the appropriate field	GSV304	3	4.5
31 Aircraft types and efficiency of their use	Professional specialization courses related to the appropriate field	GSV305	2	3.0
32 Aircraft flights planning organization	Professional specialization courses related to the appropriate field	GSV306	2	3.0
33 Organization of scientific work	Professional specialization courses related to the appropriate field	GSV307	2	3.0
34 Air traffic management automated systems	Professional specialization courses related to the appropriate field	GSV308	2	3.0
35 Air traffic control organization	Professional specialization courses related to the appropriate field	GSV309	4	6.0
36 Air traffic control technology	Professional specialization courses related to the appropriate field	GSV310	6	9.0
37 Quality management in aviation	Professional specialization courses related to the appropriate field	GSV311	2	3.0
38 Airport operation and air transport organization	Professional specialization courses related to the appropriate field	GSV312	3	4.5
39 Air navigation services	Professional specialization courses related to the appropriate field	GSV313	2	3.0
40 Safety in air traffic control	Professional specialization courses related to the appropriate field	GSV314	2	3.0
41 Metrology, standardization and certification	Professional specialization courses related to the appropriate field	GSV315	2	3.0
42 Modern aircraft and new technologies in aviation	Professional specialization courses related to the appropriate field	GSV316	2	3.0
43 Radio take - off and landing radio systems and their control	Professional specialization courses related to the appropriate field	GSV317	3	4.5
44 Communications and observation radioelectronics systems and their control	Professional specialization courses related to the appropriate field	GSV318	4	6.0
45 Project management	Professional specialization courses related to the appropriate field	GSV319	2	3.0
46 Information, communication and CALS technologies	Professional specialization courses related to the appropriate field	GSV320	2	3.0
47 Management systems design and development	Professional specialization courses related to the appropriate field	GSV321	2	3.0
48 Study work in air traffic control	Professional specialization courses related to the appropriate field	GSV322	2	3.0
49 Study work in air traffic control technology	Professional specialization courses related to the appropriate field	GSV323	2	3.0
50 Study work in design and development of management systems	Professional specialization courses related to the appropriate field	GSV324	2	3.0
51 Fundamentals of strategic management	Elective courses	GSV401	2	3.0
52 Personell management and management decisions development	Elective courses	GSV402	2	3.0
53 Intercultural communication and international tourism	Elective courses	GSV403	2	3.0
54 Vehicles	Elective courses	GSV404	2	3.0
55 Business english	Elective courses	GSV405	2	3.0
56 Economic statistics	Elective courses	GSV406	2	3.0
57 Higher mathematics	General education study courses	SPL101	3	4.5

Level: **Professional Bachelor study program**
Study direction: **Transport services**
Program: **International Transport Logistics**

Course title	Course Block	Course Code	CP	ECTS
1 Political science and sociology	General education study courses	SPL102	2	3.0
2 Philosophy and history of logistics	General education study courses	SPL103	2	3.0
3 Foreign language (English)	General education study courses	SPL104	3	4.5
4 Office work and business correspondence	General education study courses	SPL105	2	3.0
5 Environment and human protection	General education study courses	SPL106	2	3.0
6 The Basics of the law	General education study courses	SPL107	2	3.0
7 Personnel management and development of management decisions	General education study courses	SPL108	2	3.0
8 Latvian language (for foreign students)	General education study courses	SPL109	2	3.0
9 Economic statistics	Theoretical basic courses related to the appropriate field	SPL201	2	3.0
10 Probability theory and mathematical statistics	Theoretical basic courses related to the appropriate field	SPL202	2	3.0
11 Qualitative and quantitative methods in economics	Theoretical basic courses related to the appropriate field	SPL203	2	3.0
12 Macroeconomics	Theoretical basic courses related to the appropriate field	SPL204	2	3.0
13 Microeconomics	Theoretical basic courses related to the appropriate field	SPL205	3	4.5
14 Marketing in transport	Theoretical basic courses related to the appropriate field	SPL206	3	4.5
15 Information technologies	Theoretical basic courses related to the appropriate field	SPL207	2	3.0
16 Introduction to specialty	Theoretical basic courses related to the appropriate field	SPL208	2	3.0
17 Basics of business	Theoretical basic courses related to the appropriate field	SPL209	3	4.5
18 Transport management	Theoretical basic courses related to the appropriate field	SPL210	3	4.5
19 Economics of company	Theoretical basic courses related to the appropriate field	SPL211	2	3.0
20 Transport logistics	Theoretical basic courses related to the appropriate field	SPL212	4	6.0
21 Transport ecology and economics	Theoretical basic courses related to the appropriate field	SPL213	2	3.0
22 Quality management	Theoretical basic courses related to the appropriate field	SPL214	2	3.0
23 New technologies in logistics	Theoretical basic courses related to the appropriate field	SPL215	2	3.0
24 Green logistics	Theoretical basic courses related to the appropriate field	SPL216	2	3.0
25 Transport economics and systems	Professional specialization courses related to the appropriate field	SPL301	3	4.5
26 Project management	Professional specialization courses related to the appropriate field	SPL302	2	3.0
27 Financial management	Professional specialization courses related to the appropriate field	SPL303	3	4.5
28 Cargo handling	Professional specialization courses related to the appropriate field	SPL304	2	3.0
29 International transport policy and law	Professional specialization courses related to the appropriate field	SPL305	3	4.5
30 Intermodal freight networks	Professional specialization courses related to the appropriate field	SPL306	3	4.5
31 Vehicles	Professional specialization courses related to the appropriate field	SPL307	2	3.0
32 Transport organization of production	Professional specialization courses related to the appropriate field	SPL308	3	4.5
33 Management and safety of transport traffic	Professional specialization courses related to the appropriate field	SPL309	3	4.5
34 Transport organization and supply chain management	Professional specialization courses related to the appropriate field	SPL310	3	4.5
35 Commercial transport activities	Professional specialization courses related to the appropriate field	SPL311	3	4.5
36 Transport forwarding	Professional specialization courses related to the appropriate field	SPL312	3	4.5
37 Organization of customs activity	Professional specialization courses related to the appropriate field	SPL313	3	4.5
38 Insurance of transport	Professional specialization courses related to the appropriate field	SPL314	2	3.0
39 Taxes and tax policy	Professional specialization courses related to the appropriate field	SPL315	2	3.0
40 Forecasting, planning and performance measurement in logistics	Professional specialization courses related to the appropriate field	SPL316	2	3.0
41 Warehousing and storage systems	Professional specialization courses related to the appropriate field	SPL317	2	3.0
42 City logistics	Professional specialization courses related to the appropriate field	SPL318	3	4.5
43 Accounting	Professional specialization courses related to the appropriate field	SPL319	2	3.0
44 Retail logistics	Professional specialization courses related to the appropriate field	SPL320	2	3.0
45 Study work in transport logistics	Professional specialization courses related to the appropriate field	SPL321	3	4.5
46 Study work in transport economics and systems	Professional specialization courses related to the appropriate field	SPL322	3	4.5
47 Study work in freight transportation	Professional specialization courses related to the appropriate field	SPL323	3	4.5
48 Intensive english conversation course	Elective courses	SPL401	2	3.0
49 Management system design and development	Elective courses	SPL402	2	3.0
50 Intercultural communication and international tourism	Elective courses	SPL403	2	3.0
51 Information, communication and CALS technologies	Elective courses	SPL404	2	3.0
52 Organization of scientific work	Elective courses	SPL405	2	3.0
53 Fundamentals of strategic management	Elective courses	SPL406	2	3.0

Level: **Professional Master's study program**

Study direction: **Transport services**

Program: **Business Management of International Transport**

Course title	Course Block	Course Code	CP	ECTS
1 Global logistics and supply chain management	Courses that ensure the acquisition of the latest achievements	SPUVm101	2	3.0
2 Transport processes computer modeling	Courses that ensure the acquisition of the latest achievements	SPUVm102	3	4.5
3 Econometrics	Courses that ensure the acquisition of the latest achievements	SPUVm103	2	3.0
4 Latvia's national and EU transport policy	Courses that ensure the acquisition of the latest achievements	SPUVm104	2	3.0
5 International human resource management	Courses that ensure the acquisition of the latest achievements	SPUVm105	2	3.0
6 Innovation management	Courses that ensure the acquisition of the latest achievements	SPUVm106	2	3.0
7 Latvian language for foreign students	Courses that ensure the acquisition of the latest achievements	SPUVm107	2	3.0
8 International project management	Research and design work and management courses	SPUVm201	3	4.5
9 Innovative economics and marketing	Research and design work and management courses	SPUVm202	3	4.5
10 Scientific research methodology and organization	Research and design work and management courses	SPUVm203	2	3.0
11 Information, communication and CALS technologies	Research and design work and management courses	SPUVm204	2	3.0
12 Quality and risk management in transport systems	Research and design work and management courses	SPUVm205	3	4.5
13 The economic and financial analysis in transport sector	Research and design work and management courses	SPUVm206	3	4.5
14 Financial and investment management	Research and design work and management courses	SPUVm207	3	4.5

Level: **Professional Bachelor study program**

Study direction: **Electronics**

Program: **Electronic equipment maintenance (The 1st specialization: Electronic equipment maintenance)**

Course title	Course Block	Course Code	CP	ECTS
1 Safety and the human factors	General education study courses	EIA101	2	3.0
2 Philosophy and social psychology	General education study courses	EIA102	2	3.0
3 Introduction to the speciality	General education study courses	EIA103	2	3.0
4 Basics of economics and business	General education study courses	EIA104	2	3.0
5 Environmental and human protection	General education study courses	EIA105	2	3.0
6 English and Technical English	General education study courses	EIA106	6	9.0
7 Fundamentals of law	General education study courses	EIA107	2	3.0
8 Metrology, standardization and certification	General education study courses	EIA108	2	3.0
9 Higher mathematics	Theoretical basic courses related to the appropriate field	EIA201	8	12.0
10 Physics	Theoretical basic courses related to the appropriate field	EIA205	6	9.0
11 Engineering graphics	Theoretical basic courses related to the appropriate field	EIA206	2	3.0
12 Electrical engineering	Theoretical basic courses related to the appropriate field	EIA207	4	6.0
13 Electronics	Theoretical basic courses related to the appropriate field	EIA208	3	4.5
14 Electronic measuring devices	Theoretical basic courses related to the appropriate field	EIA209	2	3.0
15 Digital equipment and microprocessors	Theoretical basic courses related to the appropriate field	EIA210	3	4.5
16 Radio signal generation and emission, antennas	Theoretical basic courses related to the appropriate field	EIA211	4	6.0
17 Electronic radio materials	Theoretical basic courses related to the appropriate field	EIA212	2	3.0
18 Programming	Theoretical basic courses related to the appropriate field	EIA213	2	3.0
19 Transmission, reception and processing of radio signals	Theoretical basic courses related to the appropriate field	EIA214	4	6.0
20 Architecture of calculation complexes	Professional specialization courses related to the appropriate field	EIA301	3	4.5
21 Power supply equipment	Professional specialization courses related to the appropriate field	EIA302	2	3.0
22 Car electrical and electronic equipment, their maintenance and repair	Professional specialization courses related to the appropriate field	EIA303	6	9.0
23 Maintenance and repair of security alarms and local fire alarms	Professional specialization courses related to the appropriate field	EIA304	2	3.0
24 Household appliances, their maintenance and repair	Professional specialization courses related to the appropriate field	EIA305	3	4.5
25 Conditioning and refrigeration equipment, its maintenance and repair	Professional specialization courses related to the appropriate field	EIA306	2	3.0
26 Telecommunications and telecommunication equipment, its maintenance	Professional specialization courses related to the appropriate field	EIA307	6	9.0
27 Principles of design of radar systems	Professional specialization courses related to the appropriate field	EIA308	0	0.0
28 Surveillance systems and their maintenance	Professional specialization courses related to the appropriate field	EIA309	0	0.0
29 Navigation and radio navigation systems, their maintenance	Professional specialization courses related to the appropriate field	EIA310	0	0.0
30 Aeronautical centre radio electronic equipment, its maintenance.	Professional specialization courses related to the appropriate field	EIA311	0	0.0
31 Remote monitoring and control equipment, its maintenance and repair	Professional specialization courses related to the appropriate field	EIA312	2	3.0
32 Audio equipment, its maintenance and repair	Professional specialization courses related to the appropriate field	EIA313	6	9.0
33 TV and video equipment, its maintenance and repair	Professional specialization courses related to the appropriate field	EIA314	7	10.5
34 Safety system management	Professional specialization courses related to the appropriate field	EIA315	2	3.0
35 Study project "Electronic devices"	Professional specialization courses related to the appropriate field	EIA316	2	3.0
36 Study project "Maintenance and operation of electrical equipment"	Professional specialization courses related to the appropriate field	EIA317	2	3.0
37 Study project "Transmitters, receivers"	Professional specialization courses related to the appropriate field	EIA318	2	3.0
38 Construction and maintenance of computer networks	Professional specialization courses related to the appropriate field	EIA319	3	4.5
39 Basics of robotics	Professional specialization courses related to the appropriate field	EIA320	2	3.0
40 Medical electronic equipment	Professional specialization courses related to the appropriate field	EIA321	2	3.0
41 Peripherals, their maintenance and repair	Professional specialization courses related to the appropriate field	EIA322	4	6.0
42 Non - traditional energy transmitters and accumulators	Professional specialization courses related to the appropriate field	EIA323	2	3.0
43 Maintenance rules and fault-finding methodology	Professional specialization courses related to the appropriate field	EIA324	2	3.0
44 Foreign language	Elective courses	EIA401	2	3.0
45 Record keeping	Elective courses	EIA402	2	3.0
46 Organization of scientific work	Elective courses	EIA403	2	3.0
47 Information technology	Elective courses	EIA404	2	3.0
48 Basics of aviation equipment	Elective courses	EIA405	2	3.0
49 Basics of air traffic service	Elective courses	EIA406	2	3.0
50 Latvian for foreigners	Elective courses	EIA407	2	3.0

Level: **Professional Bachelor study program**

Study direction: **Electronics**

Program: **Electronic equipment maintenance (The 1st specialization: Electronic equipment maintenance)**

Course title	Course Block	Course Code	CP	ECTS
1 Safety and the human factors	General education study courses	EIA101	2	3.0
2 Philosophy and social psychology	General education study courses	EIA102	2	3.0
3 Introduction to the speciality	General education study courses	EIA103	2	3.0
4 Basics of economics and business	General education study courses	EIA104	2	3.0
5 Environmental and human protection	General education study courses	EIA105	2	3.0
6 English and Technical English	General education study courses	EIA106	6	9.0
7 Fundamentals of law	General education study courses	EIA107	2	3.0
8 Metrology, standardization and certification	General education study courses	EIA108	2	3.0
9 Higher mathematics	Theoretical basic courses related to the appropriate field	EIA201	8	12.0
10 Physics	Theoretical basic courses related to the appropriate field	EIA205	6	9.0
11 Engineering graphics	Theoretical basic courses related to the appropriate field	EIA206	2	3.0
12 Electrical engineering	Theoretical basic courses related to the appropriate field	EIA207	4	6.0
13 Electronics	Theoretical basic courses related to the appropriate field	EIA208	3	4.5
14 Electronic measuring devices	Theoretical basic courses related to the appropriate field	EIA209	2	3.0
15 Digital equipment and microprocessors	Theoretical basic courses related to the appropriate field	EIA210	3	4.5
16 Radio signal generation and emission, antennas	Theoretical basic courses related to the appropriate field	EIA211	4	6.0
17 Electronic radio materials	Theoretical basic courses related to the appropriate field	EIA212	2	3.0
18 Programming	Theoretical basic courses related to the appropriate field	EIA213	2	3.0
19 Transmission, reception and processing of radio signals	Theoretical basic courses related to the appropriate field	EIA214	4	6.0
20 Architecture of calculation complexes	Professional specialization courses related to the appropriate field	EIA301	3	4.5
21 Power supply equipment	Professional specialization courses related to the appropriate field	EIA302	2	3.0
22 Maintenance and repair of security alarms and local fire alarms	Professional specialization courses related to the appropriate field	EIA304	2	3.0
23 Conditioning and refrigeration equipment, its maintenance and repair	Professional specialization courses related to the appropriate field	EIA306	2	3.0
24 Telecommunications and telecommunication equipment, its maintenance	Professional specialization courses related to the appropriate field	EIA307	7	10.5
25 Principles of design of radar systems	Professional specialization courses related to the appropriate field	EIA308	3	4.5
26 Surveillance systems and their maintenance	Professional specialization courses related to the appropriate field	EIA309	7	10.5
27 Navigation and radio navigation systems, their maintenance	Professional specialization courses related to the appropriate field	EIA310	7	10.5
28 Aeronautical centre radio electronic equipment, its maintenance.	Professional specialization courses related to the appropriate field	EIA311	5	7.5
29 Remote monitoring and control equipment, its maintenance and repair	Professional specialization courses related to the appropriate field	EIA312	2	3.0
30 TV and video equipment, its maintenance and repair	Professional specialization courses related to the appropriate field	EIA314	0	0.0
31 Safety system management	Professional specialization courses related to the appropriate field	EIA315	7	10.5
32 Study project "Electronic devices"	Professional specialization courses related to the appropriate field	EIA316	2	3.0
33 Study project "Maintenance and operation of electrical equipment"	Professional specialization courses related to the appropriate field	EIA317	2	3.0
34 Study project "Transmitters, receivers"	Professional specialization courses related to the appropriate field	EIA318	2	3.0
35 Construction and maintenance of computer networks	Professional specialization courses related to the appropriate field	EIA319	2	3.0
36 Basics of robotics	Professional specialization courses related to the appropriate field	EIA320	3	4.5
37 Maintenance rules and fault-finding methodology	Professional specialization courses related to the appropriate field	EIA324	2	3.0
38 Foreign language	Elective courses	EIA401	2	3.0
39 Record keeping	Elective courses	EIA402	2	3.0
40 Organization of scientific work	Elective courses	EIA403	2	3.0
41 Information technology	Elective courses	EIA404	2	3.0
42 Basics of aviation equipment	Elective courses	EIA405	2	3.0
43 Basics of air traffic service	Elective courses	EIA406	2	3.0
44 Latvian for foreigners	Elective courses	EIA407	2	3.0