

VILNIUS GEDIMINAS TECHNICAL UNIVERSITY

LIST OF COURSES OFFERED IN ENGLISH

2015/2016



Regular courses

Optional courses

Individual courses

For course description please click on the course code

ECTS credits in parentheses show the number of credits students get for a course paper/project

Faculty	Course code	Course Title	Level	Semester	ECTS credits	Notes
	KILKB11023	Lithuanian Language course for foreign students 1	A1	Both	3	Course starts in 3 weeks after beginning of the each semester
	KILKB11024	Lithuanian Language course for foreign students 2	A2	Both	3	Course starts in 3 weeks after beginning of the each semester
Autumn Semester Courses						
A. Gustaitis' Aviation Institute	AISVA11921	Air Transportation Management	B/M	Autumn	5	
A. Gustaitis' Aviation Institute	AIAEA11532	Radionavigation	B/M	Autumn	4	knowledge of physics and mathematics required
A. Gustaitis' Aviation Institute	AIAEB11704	Bachelor Graduation Thesis 1	Bachelor	Autumn	3	
A. Gustaitis' Aviation Institute	AIAEB11504	Radio-Navigation and Radar Methods	Bachelor	Autumn	4	basics of electronics required
A. Gustaitis' Aviation Institute	AIAEB11502	Avionics	Bachelor	Autumn	3	basics of electronics and electrotechnics required
A. Gustaitis' Aviation Institute	AIAEB11702	Aircraft powerplant and functional systems	Bachelor	Autumn	5	
A. Gustaitis' Aviation Institute	AIAEM11111	Master Graduation Thesis 1	Master	Autumn	3	

A. Gustaitis' Aviation Institute	AIAEM11311	Flight Parameters Measuring Systems	Master	Autumn	6	
A. Gustaitis' Aviation Institute	AIAEM11312	Aviation Computer Systems	Master	Autumn	6	
Architecture	ARAGB11317	Drawing 3	Bachelor	Autumn	3	
Architecture	ARARB11305	Composition: Scale in Architecture	Bachelor	Autumn	4	
Architecture	ARPKB11302	Computer Aided Design Basics	Bachelor	Autumn	3	
Architecture	ARAPB11308	History of Architecture1	Bachelor	Autumn	4	
Architecture	ARURB11301	Project of Recreation Complex in Natural Environment	Bachelor	Autumn	9	project
Architecture	ARAPB11511	Analysis of Buildings Composition	Bachelor	Autumn	3	
Architecture	ARAPB11510	History of Lithuanian Architecture	Bachelor	Autumn	3	
Architecture	ARARB11508	Design of Public Building	Bachelor	Autumn	9	project
Architecture	ARURB11502	Basics of Urban Design and Sociology	Bachelor	Autumn	5	
Architecture	ARARB11710	Renovation Design of an Architectural Object	Bachelor	Autumn	9	project
Architecture	ARURB11707	Regeneration Project of Urban Residential Structures	Bachelor	Autumn	9	project
Business Management	VVFRB11303	Accounting	Bachelor	Autumn	7	
Business Management	FMSAB11104	Algebra and Mathematical Analysis	Bachelor	Autumn	8	
Business Management	VVVTB11302	Business Communication	Bachelor	Autumn	3	optional course
Business Management	VVFRB11507	Business Finance	Bachelor	Autumn	3	
Business Management	VVIEB11106	Business Fundamentals	Bachelor	Autumn	3	
Business Management	VVIEB11171	Business Fundamentals	Bachelor	Autumn	4	
Business Management	VVFRM13102	Bussines Finance for Executives	Master	Autumn	7	
Business Management	VVIEB11372	Comparative Economics	Bachelor	Autumn	4	
Business Management	VVEVB11711	Complex Project	Bachelor	autumn	5	
Business Management	VVIEB11576	Complex Project of Economics Planning	Bachelor	Autumn	8	
Business Management	VVTEB11302	Contract law	Bachelor	Autumn	3	
Business Management	FMSAB11369	Econometrics	Bachelor	Autumn	7	Divided into Exam 5 ECTS and Course Project 2 ECTS
Business Management	VVIEB11575	Economic Analysis	Bachelor	Autumn	5	
Business Management	VVIEB11574	Economic of Human Resource	Bachelor	Autumn	3	
Business Management	KIHSB11143	Economics Ethics	Bachelor	Autumn	3	optional course
Business Management	FMGSB11103	Engineering and Computer Graphics	Bachelor	Autumn	6	
Business Management	VVFRM13101	Engineering of Profit and Risk	Master	Autumn	7	optional course

Business Management	VVVTB11102	Engineering Principles	Bachelor	Autumn	4	
Business Management	KIKAB11149	English for Specific Purposes 1	Bachelor	Autumn	3	optional course
Business Management	KIKAB11326	English for Specific Purposes 2	Bachelor	Autumn	3	optional course
Business Management	KIKAB11150	English for Specific Purposes for Foreigners 1	Bachelor	Autumn	3	optional course
Business Management	KIKAB13369	English for Specific Purposes for Foreigners 2	Bachelor	Autumn	3	optional course
Business Management	VVIEB11514	Enterprises Organization and Management	Bachelor	Autumn	8	Divided into Exam 5 ECTS and Course Project 3 ECTS
Business Management	VVFRB11310	Financial Decisions Foundations	Bachelor	Autumn	4	
Business Management	VVEVB11101	Fundamentals of EU Studies	Bachelor	Autumn	3	
Business Management	VVTEB11322	Fundamentals of Law	Bachelor	Autumn	4	
Business Management	VVSEB11101	History of Economic Theories	Bachelor	Autumn	4	
Business Management	FMISB11121	Information technologies	Bachelor	Autumn	7	
Business Management	FMISB14163	Information Technology	Bachelor	autumn	5	
Business Management	VVEVM13103	Innovation Theory	Master	Autumn	7	optional course
Business Management	VVEVB11709	International Business Economics	Bachelor	autumn	3	
Business Management	VVEVM13105	International Business Theory	Master	Autumn	7	Divided into Exam 5 ECTS and Course Project 2 ECTS
Business Management	VVEVB11710	International Marketing	Bachelor	autumn	3	
Business Management	VVEVM13303	International Marketing and Communication	Master	Autumn	6	
Business Management	VVFRB11701	Investment Management	Bachelor	Autumn	8	
Business Management	FMSAB11167	Linear Algebra and Essential Analysis	Bachelor	Autumn	7	
Business Management	KIHSB11144	Logic	Bachelor	Autumn	3	optional course
Business Management	VVSEB11302	Macroeconomics	Bachelor	Autumn	5	
Business Management	VVFRM13301	Management of Investment Projects	Master	Autumn	6	
Business Management	VVEVB11301	Management Psychology	Bachelor	Autumn	3	optional course
Business Management	VVEVB11501	Marketing	Bachelor	Autumn	5	
Business Management	VVEVB11505	Marketing	Bachelor	Autumn	4	
Business Management	VVEVB11702	Marketing Research	Bachelor	Autumn	8	Divided into Exam 5 ECTS and Course Project 3 ECTS
Business Management	VVFRM13103	Master Graduation Thesis 1	Master	Autumn	3	
Business Management	VVEVM13102	Master Graduation Thesis 1	Master	Autumn	3	
Business Management	VVVTM13101	Methodology of Scientific Research	Master	Autumn	6	
Business Management	VVIEB11305	Microeconomics	Bachelor	Autumn	5	
Business Management	VVIEB11302	Negotiation in Business	Bachelor	Autumn	3	optional course

Business Management	KIHSB11148	Philosophy	Bachelor	Autumn	3	optional course
Business Management	KIHSB11133	Philosophy of Technology	Bachelor	Autumn	3	optional course
Business Management	VVFRB11502	Pricing	Bachelor	Autumn	8	Divided into Exam 5 ECTS and Course Project 3 ECTS
Business Management	VVVTB11303	Production technology and management	Bachelor	Autumn	6	Divided into Exam 4 ECTS and Course Project 2 ECTS
Business Management	VVFRB11705	Professional Practice	Bachelor	autumn	12	
Business Management	VVEVB11701	Professional Practice	Bachelor	autumn	12	
Business Management	VVEVB11713	Professional Practice	Bachelor	autumn	12	
Business Management	VVFRB11505	Project Preparation and Evaluation	Bachelor	Autumn	4	
Business Management	VVEVB11105	Psychology	Bachelor	Autumn	3	optional course
Business Management	VVVTB11301	Quantitative Methods for Decision Making	Bachelor	Autumn	6	
Business Management	VVEVB11302	Regional Economics I: China	Bachelor	Autumn	3	optional course
Business Management	VVEVB11304	Regional Economics I: Nordic countries	Bachelor	Autumn	3	optional course
Business Management	VVEVB11303	Regional Economics I: Russian and other CSI countries	Bachelor	Autumn	3	optional course
Business Management	VVEVB11706	Science and Technology Development Economics	Bachelor	autumn	4	
Business Management	VVIEB11513	Strategic Management	Bachelor	Autumn	3	
Business Management	VVVTB11504	Supply Chain Management	Bachelor	Autumn	3	
Business Management	VVIEM13101	Theory of Organization	Master	Autumn	7	
Business Management	VVVTB11501	Total Quality Management	Bachelor	Autumn	3	
Civil Engineering	FMCHB11101	Chemistry	Bachelor	Autumn	5	
Civil Engineering	FMIGB11101	General Engineering Graphics	Bachelor	Autumn	4	
Civil Engineering	FMISB11123	Information Technologies	Bachelor	Autumn	4	
Civil Engineering	FMMMB11101	Mathematics1	Bachelor	Autumn	6	
Civil Engineering	STGTB11101	Engineering Geology and practice	Bachelor	Autumn	5	Geodesy practice to be performed during the Academic course
Civil Engineering	KIHSB11125	Philosophy	Bachelor	Autumn	3	
Civil Engineering	KIKAB11104	English Language1	Bachelor	Autumn	3	
Civil Engineering	FMFIB11318	Physics2	Bachelor	Autumn	5	
Civil Engineering	FMMMB11301	Applied Mathematics	Bachelor	Autumn	4	
Civil Engineering	STIAB11308	Building Architecture and Structures1	Bachelor	Autumn	6 (2 ECTS for the project)	Course project included
Civil Engineering	STSMB11329	Materials Science	Bachelor	Autumn	3	

Civil Engineering	VVSEB11353	Management	Bachelor	Autumn	5	Course project included
Civil Engineering	FMMTB13301	Mechanics of Materials 1	Bachelor	Autumn	4	
Civil Engineering	APASB11117	Man and Environment	Bachelor	Autumn	3	
Civil Engineering	STIAB11307	History of Architecture	Bachelor	Autumn	3	
Civil Engineering	APPEB11555	Building Services	Bachelor	Autumn	4	
Civil Engineering	STGKB11501	Reinforced Concrete Structures 1	Bachelor	Autumn	6 (2 ECTS for the project)	Course project included
Civil Engineering	STKMB11537	Structural mechanics	Bachelor	Autumn	4	
Civil Engineering	STMKB11501	Steel Structures 1	Bachelor	Autumn	5	
Civil Engineering	STMKB11503	Complex Project	Bachelor	Autumn	5	
Civil Engineering	STSTB11523	Building Construction Technology	Bachelor	Autumn	3	
Civil Engineering	VVSEB11552	Economics	Bachelor	Autumn	3	
Civil Engineering	STGKB11704	Masonry Structures	Bachelor	Autumn	3	
Civil Engineering	STGTB11718	Soil Mechanics	Bachelor	Autumn	4	Study modulus on Engineering Geology necessary to be studied before
Civil Engineering	STKMB11738	Dynamics and Stability of Buildings	Bachelor	Autumn	3	
Civil Engineering	STMKB11704	Timber Structures	Bachelor	Autumn	4	
Civil Engineering	VVTEB11708	Law	Bachelor	Autumn	3	
Civil Engineering	STGKB11705	Design of Reinforced Concrete Structures	Bachelor	Autumn	5	Course project is included.
Civil Engineering	STMKB11706	Design of Timber Buildings	Bachelor	Autumn	5	Course project is included.
Civil Engineering	STMKB11705	Design of Steel Buildings	Bachelor	Autumn	5	Course project is included.
Creative Industries	KIFKB15502	Media and Politics	Bachelor	Autumn	3	individual courses
Creative Industries	KIKVB12502	Management of creative projects	Bachelor	Autumn	4	
Creative Industries	KIKVB12503	Basics of Journalism	Bachelor	Autumn	5	
Creative Industries	KIKVB12506	Photography	Bachelor	Autumn	5(1)	course project is included
Creative Industries	KIKVB15503	Urban Studies	Bachelor	Autumn	5	
Electronics	ELAUM11107	Automatic Control Theory	Master	Autumn	6	optional course
Electronics	ELETM11102	Electrical and Power Engineering	Master	Autumn	6	optional course
Electronics	ELESB11102	Introduction to Informatics Engineering	Bachelor	Autumn	4	
Electronics	ELAUB11302	Mechatronic Equipment	Bachelor	Autumn	5	
Electronics	ELESB11301	Fundamentals of Electronics	Bachelor	Autumn	6	
Electronics	ELESB11302	Script Programming	Bachelor	Autumn	6	
Electronics	ELESB11502	Digital Devices	Bachelor	Autumn	6	

Electronics	ELESB11513	Operating System Concepts	Bachelor	Autumn	4	
Electronics	ELESB11519	Computerized Measurement Systems	Bachelor	Autumn	4	
Electronics	ELESB11520	Information Coding	Bachelor	Autumn	4	
Electronics	ELESB11522	Signals and Systems	Bachelor	Autumn	5	
Electronics	ELESB11515	Signals and Systems (project)	Bachelor	Autumn	3	
Electronics	ELESB11722	Digital Signal Processing Tools	Bachelor	Autumn	6	
Electronics	ELESB11724	Software Design	Bachelor	Autumn	6	
Electronics	ELESB11506	Theory of Electromagnetic Field	Bachelor	Autumn	4	prior agreement needed
Electronics	ELTLB11501	Telecommunications Theory	Bachelor	Autumn	5	prior agreement needed
Electronics	ELTLB11702	Telecommunication Technologies 2	Bachelor	Autumn	4	prior agreement needed
Electronics	ELESB11103	Fundamentals of Research and Innovations	Master	Autumn	4	
Electronics	ELETB11103	Electrical and Power Engineering (project)	Master	Autumn	4	
Electronics	ELTLM11101	Mathematical Modelling Technologies	Master	Autumn	7	
Electronics	ELETB11311	Wind energy systems	Master	Autumn	6	
Electronics	ELETB11312	Photovoltaic energy systems	Master	Autumn	6	
Electronics	ELETB11313	Electronic converters	Master	Autumn	8	
Electronics	ELETB11314	Modern Electrical Engineering	Master	Autumn	7	
Electronics		Bachelor Graduation Thesis	Bachelor	Autumn and spring	15	takes 2 semesters, prior agreement needed
Electronics		Master Graduation Thesis	Master	Autumn and spring	30	Please inform the department coordinator at VGTU about your areas of interest. It will help to choose the most appropriate supervisor and subjects. Prior agreement needed
Environmental Engineering	FMCHB11102	Chemistry	Bachelor	Autumn	5	
Environmental Engineering	FMFIB11104	Physics 1	Bachelor	Autumn	5	
Environmental Engineering	FMGSB11101	Engineering Graphics	Bachelor	Autumn	6	
Environmental Engineering	FMITB11104	Information Technologies	Bachelor	Autumn	5	
Environmental Engineering	FMSAB11108	Algebra and Differential Calculus	Bachelor	Autumn	6	
Environmental Engineering	KIKAB11107	English Language 1	Bachelor	Autumn	3	
Environmental Engineering	APMSB11330	Sustainable Urban Development	Bachelor	Autumn	3	
Environmental Engineering	APPEB11103	Engineering Thermodynamics	Bachelor	Autumn	6	
Environmental Engineering	FMMAB11307	Mechanics of Materials	Bachelor	Autumn	5	
Environmental Engineering	FMSAB11310	Probability Theory and Mathematical Statistic	Bachelor	Autumn	7	

Environmental Engineering	<u>MEMTB11331</u>	Materials Science	Bachelor	Autumn	3	
Environmental Engineering	<u>VVSEB11354</u>	Economics 1	Bachelor	Autumn	3	
Environmental Engineering	<u>APVIB15004</u>	Engineering Hydraulics	Bachelor	Autumn	5	several group
Environmental Engineering	<u>APPEB11106</u>	Renewable Energy Technologies	Bachelor	Autumn	6	several group
Environmental Engineering	<u>APPEB11108</u>	Indoor Climate	Bachelor	Autumn	6	
Environmental Engineering	<u>APPEB11109</u>	Ventilation	Bachelor	Autumn	6	
Environmental Engineering	<u>ARPKB11001</u>	Building Structures	Bachelor	Autumn	4	
Environmental Engineering	<u>VVSEB11554</u>	Management	Bachelor	Autumn	3	
Environmental Engineering	<u>APPEB11120</u>	Air Conditioning	Bachelor	Autumn	5 (2 ECTS for project)	course project is included
Environmental Engineering	<u>APASB11115</u>	Waste Management and Reuse Technologies	Bachelor	Autumn	3	
Environmental Engineering	<u>VVTEB11705</u>	Law	Bachelor	Autumn	3	
Environmental Engineering	<u>APASM11101</u>	Environmental Protection Technologies (CP)	Master	Autumn	7	
Environmental Engineering	<u>APASM11102</u>	Environmental Assessment	Master	Autumn	5	
Environmental Engineering	<u>APASM11103</u>	Cleaner Production	Master	Autumn	6	
Environmental Engineering	<u>APVIM15201</u>	Scientific Researches and Innovations	Master	Autumn	4	
Environmental Engineering	<u>APASM11105</u>	Anthropogenic Impact on Environment	Master	Autumn	5	
Environmental Engineering	<u>APASM11111</u>	Modelling of Environmental Processes	Master	Autumn	7	
Environmental Engineering	<u>APASM11112</u>	Atmosphere Controlling and Protection	Master	Autumn	7	
Environmental Engineering	<u>APASM11113</u>	Environmental Impact Assessment	Master	Autumn	5	
Environmental Engineering	<u>APVTM11001</u>	Ecological Design	Master	Autumn	5	
Environmental Engineering	<u>KIKAB11207</u>	English Language 2	Bachelor	Autumn	3	
Fundamental Sciences	<u>FMIGB11304</u>	Applied Engineering Graphics	Bachelor	Autumn	3,0	
Fundamental Sciences	<u>FMMMB11301</u>	Applied Mathematics	Bachelor	Autumn	4,0	
Fundamental Sciences	<u>FMITB11108</u>	C Programming Language	Bachelor	Autumn	3,0	
Fundamental Sciences	<u>FMITB11309</u>	C++ Programming Language	Bachelor	Autumn	6,0	
Fundamental Sciences	<u>FMCHB11101</u>	Chemistry	Bachelor	Autumn	5,0	
Fundamental Sciences	<u>FMCHB11110</u>	Chemistry	Bachelor	Autumn	5,0	
Fundamental Sciences	<u>FMISB14311</u>	Computer Architecture and Networks	Bachelor	Autumn	6,0	
Fundamental Sciences	<u>FMIGB11302</u>	Computer Graphics	Bachelor	Autumn	4,0	
Fundamental Sciences	<u>FMMMB14101</u>	Discrete Mathematics 1	Bachelor	Autumn	3,0	
Fundamental Sciences	<u>FMGSB11102</u>	Engineering and Computer Graphics	Bachelor	Autumn	5,0	
Fundamental Sciences	<u>FMIGB11005</u>	Engineering and Computer Graphics	Bachelor	Autumn	6,0	

Fundamental Sciences	<u>FMIGB11101</u>	General Engineering Graphics	Bachelor	Autumn	4,0	
Fundamental Sciences	<u>FMITB11507</u>	Human Computer Interaction	Bachelor	Autumn	3,0	
Fundamental Sciences	<u>FMISB11123</u>	Information Technologies	Bachelor	Autumn	4,0	
Fundamental Sciences	<u>FMISB14163</u>	Information Technologies	Bachelor	Autumn	5,0	
Fundamental Sciences	<u>FMITB11110</u>	Information Technologies	Bachelor	Autumn	7,0	
Fundamental Sciences	<u>FMITB11121</u>	Information Technologies	Bachelor	Autumn	3,0	
Fundamental Sciences	<u>FMITB11127</u>	Information Technology and Programming Introduction	Bachelor	Autumn	6,0	
Fundamental Sciences	<u>FMISB14102</u>	Introduction to Software Engineering	Bachelor	Autumn	3,0	
Fundamental Sciences	<u>FMITB14537</u>	Management of Database 1	Bachelor	Autumn	6,0	
Fundamental Sciences	<u>FMMMB11101</u>	Mathematics 1	Bachelor	Autumn	6,0	
Fundamental Sciences	<u>FMMMB11107</u>	Mathematics 1	Bachelor	Autumn	7,0	
Fundamental Sciences	<u>FMMMB11305</u>	Mathematics 3	Bachelor	Autumn	6,0	
Fundamental Sciences	<u>FMMMB11307</u>	Mathematics 3	Bachelor	Autumn	7,0	
Fundamental Sciences	<u>FMMMB11105</u>	Mathematics I	Bachelor	Autumn	3,0	
Fundamental Sciences	<u>FMMMB11110</u>	Mathematics I	Bachelor	Autumn	7,0	
Fundamental Sciences	<u>FMMTB13307</u>	Mechanics of Materials	Bachelor	Autumn	5,0	
Fundamental Sciences	<u>FMMTB13301</u>	Mechanics of Materials 1	Bachelor	Autumn	4,0	
Fundamental Sciences	<u>FMITB14307</u>	Object-Oriented Programming	Bachelor	Autumn	6,0	
Fundamental Sciences	<u>FMITB14505</u>	Object-Oriented Programming Techniques	Bachelor	Autumn	6,0	
Fundamental Sciences	<u>FMITB11101</u>	Operating Systems	Bachelor	Autumn	6,0	
Fundamental Sciences	<u>FMITB14501</u>	Organisation of Computer Systems	Bachelor	Autumn	3,0	
Fundamental Sciences	<u>FMFIB11113</u>	Physics 1	Bachelor	Autumn	6,0	
Fundamental Sciences	<u>FMFIB11318</u>	Physics 2	Bachelor	Autumn	5,0	
Fundamental Sciences	<u>FMFIB11115</u>	Physics I	Bachelor	Autumn	5,0	
Fundamental Sciences	<u>FMITB11502</u>	Principles of Project Management	Bachelor	Autumn	4,0	
Fundamental Sciences	<u>FMSAB14325</u>	Probability Theory and Mathematical Statistics	Bachelor	Autumn	6,0	
Fundamental Sciences	<u>FMSAB14121</u>	Fundamentals of Mathematical Analysis	Bachelor	Autumn	9,0	
Fundamental Sciences	<u>FMGSB15501</u>	Computer Game Design	Bachelor	Autumn	4,0	
Fundamental Sciences	<u>FMGSB14511</u>	Technologies of e-services	Bachelor	Autumn	6(2)	course project is included
Fundamental Sciences	<u>FMGSB11302</u>	Software Engineering	Bachelor	Autumn	5(2)	course project is included
Mechanics	<u>MENTB11344</u>	Development of Materials and Technologies	Bachelor	Autumn	3	optional course
Mechanics	<u>MEMIM13014</u>	Supply Chain Management	Master	Autumn	4	optional course

Mechanics	<u>MEMIM13015</u>	Management Accounting and Analysis	Master	Autumn	4	optional course
Mechanics	<u>MEMTB11303</u>	Materials Science 2	Bachelor	Autumn	4	
Mechanics	<u>MEPMB11301</u>	Theory of Mechanisms and Machines	Bachelor	Autumn	7	course project is included
Mechanics	<u>MEBMB11502</u>	Automatic control	Bachelor	Autumn	5	
Mechanics	<u>MEMTB14303</u>	Materials in Mechatronics	Bachelor	Autumn	3	
Mechanics	<u>MEMIB11501</u>	Theory and Practice of Measurement	Bachelor	Autumn	6	course project is included
Mechanics	<u>MEMIB13504</u>	Quality Management	Bachelor	Autumn	3	
Mechanics	<u>MEMIB13544</u>	Machines of Energy Transformation	Bachelor	Autumn	6	course project is included
Mechanics	<u>MEMIB11723</u>	Design of Machines and Instrument 2	Bachelor	Autumn	7	Course project is included
Mechanics	<u>MEMRB13702</u>	Robotics	Bachelor	Autumn	8	Course project is included
Mechanics	<u>MEMIB14503</u>	Cutting Processes and Tools	Bachelor	Autumn	3	
Mechanics	<u>MEMIB11731</u>	Design of Tools and Devices	Bachelor	Autumn	4	
Mechanics	<u>MEMIB11713</u>	Bachelor Graduation Thesis 1	Bachelor	Autumn	3	Final Work in Mechanical Engineering. Requirement to be passed ≥ 180 ECTS from bachelor studies
Mechanics	<u>MEMIM13001</u>	Information Systems of Production Management	Master	Autumn	7	
Mechanics	<u>MEMIM13002</u>	Operations Research	Master	Autumn	7	
Mechanics	<u>MEMIM13003</u>	Innovation Strategy and Tactics	Master	Autumn	6	
Mechanics	<u>MEMIM14101</u>	Fundamentals of Research and Innovation	Master	Autumn	4	
Mechanics	<u>MEMIM13011</u>	Manufacturing Simulation and Industrial Production Systems	Master	Autumn	7	
Mechanics	<u>MEMIM13012</u>	Innovative Product Design	Master	Autumn	9	Course project is included
Mechanics	<u>MEMIM13013</u>	International Manufacturing	Master	Autumn	7	
Mechanics	<u>MEMIM13016</u>	Master Graduation Thesis 3	Master	Autumn	3	Requirement to be passed Master Graduation Thesis 1 and 2, and ≥ 54 ECTS from master studies
Mechanics	<u>MEMIM13004</u>	Master Graduation Thesis 1	Master	Autumn	3	
Mechanics	<u>MEMRM14303</u>	Computer Integrated Manufacturing Systems	Master	Autumn	6	
Mechanics	<u>MEMRM14301</u>	Pneumatic and Hydraulic Systems	Master	Autumn	6	
Mechanics	<u>MEMRM14103</u>	Master Graduation Thesis 1	Master	Autumn	3	Final Work in Mechatronics.
Mechanics	<u>MEMRM14302</u>	Master Graduation Thesis 3	Master	Autumn	3	Final Work in Mechatronics. Requirement to be passed Master Graduation Thesis 1 and 2, and ≥ 54 ECTS from master studies
Mechanics	<u>MEMRM14105</u>	Experimental Research of Mechatronic System	Master	Autumn	6	

Mechanics	<u>MEMRM14102</u>	Experimental Research of Mechatronic System	Master	Autumn	10	
Mechanics	<u>MEMRM14104</u>	Mechanics of Mechatronic and Robotic Systems	Master	Autumn	9(3)	Course project is included
Mechanics	<u>MEMRM14101</u>	Mechanics of Mechatronic and Robotic Systems	Master	Autumn	10 (3)	Course project is included
Transport Engineering	<u>TIATB11321</u>	Transport Means	Bachelor	Autumn	3	optional course
Transport Engineering	<u>TITIB11709</u>	Vehicle Dynamics	Bachelor	Autumn	5	individual course
Transport Engineering	<u>TITIB11711</u>	Equipment of Manufacturing of the Road-Building Materials	Bachelor	Autumn	6	individual course
Transport Engineering	<u>TITIB11503</u>	Computer Aided Design and Modeling	Bachelor	Autumn	3	individual course
Spring Semester Courses						
	KILKB11023	Lithuanian Language course for foreign students 1	A1	Both	3	Course starts in 3 weeks after beginning of the each semester
	KILKB11024	Lithuanian Language course for foreign students 2	A2	Both	3	Course starts in 3 weeks after beginning of the each semester
A. Gustaitis' Aviation Institute	<u>AIAMB11609</u>	Aviation engines	Bachelor	Spring	5	individual course
A. Gustaitis' Aviation Institute	<u>AISVA11403</u>	General Navigation	B/M	Spring	6	
A. Gustaitis' Aviation Institute	<u>AISVA11818</u>	Air Law	B/M	Spring	6	
A. Gustaitis' Aviation Institute	<u>AISVA11201</u>	Aviation History	B/M	Spring	3	
A. Gustaitis' Aviation Institute	<u>AISVA11404</u>	Fundamentals of Flight	B/M	Spring	4	
A. Gustaitis' Aviation Institute	<u>AIAEB11806</u>	Aviation Electronic Equipment (CP)	Bachelor	Spring	5	basics of electronics required
A. Gustaitis' Aviation Institute	<u>AIAEB11803</u>	Bachelor Graduation Thesis 2	Bachelor	Spring	6	individual course
A. Gustaitis' Aviation Institute	<u>AIAEB11605</u>	Aircraft electronic and electrical systems (CP)		Spring	7	course project is included
A. Gustaitis' Aviation Institute	<u>AIAEB11807</u>	Aircraft aerodynamics and electronic control systems	Bachelor	Spring	4	individual course
A. Gustaitis' Aviation Institute	<u>AIAEB11802</u>	Aviation Equipment and Systems (CP)	Bachelor	Spring	5	project
A. Gustaitis' Aviation Institute	<u>AIAEB11601</u>	Aircraft digital techniques and electronic instrument systems	Bachelor	Spring	4	individual course
A. Gustaitis' Aviation Institute	<u>AIAEM11212</u>	Master Graduation Thesis 2	Master	Spring	3	individual course

A. Gustaitis' Aviation Institute	AIAEM11213	Satellite Navigation Methods and Systems	Master	Spring	6	individual course
Architecture	ARAGB11422	Sculpture and Painting	Bachelor	Spring	3	
Architecture	ARAPB11409	History of Architecture 2	Bachelor	Spring	4,5	
Architecture	ARARB11407	Composition: Tectonics in Architecture	Bachelor	Spring	3	project
Architecture	ARPKB11404	Multi-storey Buildings and Special Structures	Bachelor	Spring	3	
Architecture	ARARB11406	Technical and Working Project of a Multistoried Building (Complex Design)	Bachelor	Spring	11	project
Architecture	ARAGB11619	Language of Contemporary Arts and Architecture	Bachelor	Spring	3	
Architecture	ARAPB11615	Urban History and Composition	Bachelor	Spring	5	
Architecture	ARURB11604	Development Project of Small Town	Bachelor	Spring	9	project
Architecture	ARURB11605	Basics of Landscape Architecture	Bachelor	Spring	3	
Architecture	ARAPB08716	Protection of Monuments and Regeneration	Bachelor	Spring	3	
Architecture	ARARB08711	Interior Design	Bachelor	Spring	6	project and theory
Business Management	VVFRB11401	Accounting and Auditing	Bachelor	Spring	8	
Business Management	VVTEB11201	Business law	Bachelor	Spring	6	
Business Management	VVTEB11411	Business Law	Bachelor	Spring	4	
Business Management	VVFRB11601	Business Projects	Bachelor	Spring	6	
Business Management	VVFRB11618	Business Risk	Bachelor	Spring	3	
Business Management	KIHSB11603	Creative Economy	Bachelor	Spring	4	optional course
Business Management	FMSAB11407	Econometrics	Bachelor	Spring	4	optional course
Business Management	VVSEB11602	Economics of Public Sector	Bachelor	Spring	4	
Business Management	VVVTB11201	Engineering principles	Bachelor	Spring	3	
Business Management	KIKAB11226	English for Specific Purposes 1	Bachelor	Spring	3	optional course
Business Management	KIKAB11249	English for Specific Purposes 2	Bachelor	Spring	3	optional course
Business Management	KIKAB13269	English for Specific Purposes for Foreigners 1	Bachelor	Spring	3	optional course
Business Management	KIKAB11250	English for Specific Purposes for Foreigners 2	Bachelor	Spring	3	optional course
Business Management	VVFRB11407	Enterprise Financial management	Bachelor	Spring	5	
Business Management	VVIIEB11409	Entrepreneurship	Bachelor	Spring	6	
Business Management	VVFRB11201	Essentials of Financial Decisions	Bachelor	Spring	4	
Business Management	VVEVM13203	EU Economic Integration	Master	Spring	7	optional course
Business Management	VVEVB11801	EU Economic Policy	Bachelor	Spring	3	
Business Management	VVFRB11802	Finance Management (complex project)	Bachelor	Spring	6	
Business Management	VVFRB11801	Financial Management	Bachelor	Spring	3	

Business Management	<u>VVFRB11619</u>	Financial Markets and Institutions	Bachelor	Spring	3	
Business Management	<u>VVFRM13201</u>	Financial Systems	Master	Spring	7	Divided into Exam 5 ECTS and Course Project 2 ECTS
Business Management	<u>VVSEB11201</u>	Fundamentals of Management	Bachelor	Spring	4	
Business Management	<u>VVIEB11407</u>	Human resources management	Bachelor	Spring	4	
Business Management	<u>STDGB11234</u>	Human's Safety and Ergonomics	Bachelor	Spring	3	
Business Management	<u>VVVTB11801</u>	Information Management Systems	Bachelor	Spring	3	
Business Management	<u>VVEVB11602</u>	Innovation Management	Bachelor	Spring	6	Divided into Exam 4 ECTS and Course Project 2 ECTS
Business Management	<u>VVEVB11202</u>	Intercultural Communication	Bachelor	Spring	4	optional course
Business Management	<u>VVEVB11813</u>	International Economic Organisations and their Policy	Bachelor	spring	3	
Business Management	<u>VVEVB11812</u>	International Economic Relations Design	Bachelor	spring	7,00 (3,0)	Divided into Exam 4 ECTS and Course Project 3 ECTS
Business Management	<u>VVEVB11601</u>	International Economics	Bachelor	Spring	3	
Business Management	<u>VVEVB11404</u>	International Economics	Bachelor	Spring	5	
Business Management	<u>VVEVM13207</u>	International Management	Master	Spring	7	
Business Management	<u>VVEVB11203</u>	Introduction to EU studies	Bachelor	Spring	4	optional course
Business Management	<u>VVEVB11401</u>	Introductory Practice	Bachelor	spring	3	optional course
Business Management	<u>VVFRB11403</u>	Introductory Practice	Bachelor	spring	3	optional course
Business Management	<u>VVIEB11411</u>	Introductory Practice	Bachelor	spring	3	optional course
Business Management	<u>VVSEB11402</u>	Introductory Practice	Bachelor	spring	3	optional course
Business Management	<u>VVVTB11401</u>	Introductory Practice	Bachelor	spring	3	optional course
Business Management	<u>VVEVB11403</u>	Introductory Practice	Bachelor	spring	3	optional course
Business Management	<u>VVFRB11408</u>	Introductory Practice	Bachelor	spring	3	optional course
Business Management	<u>VVIEB11473</u>	Introductory Practice	Bachelor	spring	3	optional course
Business Management	<u>VVSEB11406</u>	Introductory Practice	Bachelor	spring	3	optional course
Business Management	<u>VVVTB11403</u>	Introductory Practice	Bachelor	spring	3	optional course
Business Management	<u>KIHSB11413</u>	Logic	Bachelor	Spring	4	optional course
Business Management	<u>VVVTB11601</u>	Logistics	Bachelor	Spring	5	
Business Management	<u>VVSEB11401</u>	Macroeconomics	Bachelor	Spring	5	
Business Management	<u>VVSEB11203</u>	Management	Bachelor	Spring	4	
Business Management	<u>VVVTM13201</u>	Managerial Information Technologies	Master	Spring	7	optional course
Business Management	<u>VVEVB11802</u>	Marketing Management	Bachelor	Spring	3	

Business Management	<u>VVEVB11803</u>	Marketing Management (Complex Course Project)	Bachelor	Spring	6	
Business Management	<u>VVFRM13203</u>	Master Graduation Thesis 2	Master	Spring	3	
Business Management	<u>VVEVM13202</u>	Master Graduation Thesis 2	Master	Spring	3	
Business Management	<u>VVIEB11272</u>	Microeconomics	Bachelor	Spring	5	
Business Management	<u>VVFRB11602</u>	Multinational Finance	Bachelor	Spring	6	
Business Management	<u>KIHSB11602</u>	Philosophy of Economics	Bachelor	Spring	3	
Business Management	<u>KIHSB11207</u>	Political Science	Bachelor	Spring	3	optional course
Business Management	<u>VVFRB11609</u>	Pricing	Bachelor	Spring	5	
Business Management	<u>FMSAB11206</u>	Probability Theory and Mathematical Statistics	Bachelor	Spring	8	
Business Management	<u>FMSAB11268</u>	Probability Theory and Mathematical Statistics	Bachelor	Spring	7	
Business Management	<u>VVEVB11814</u>	Processes of Globalisation	Bachelor	spring	3	
Business Management	<u>VVIEB11677</u>	Production Economics	Bachelor	Spring	4	optional course
Business Management	<u>VVEVB11201</u>	Protocol and Etiquette	Bachelor	Spring	3	optional course
Business Management	<u>VVFRB11610</u>	Public Finance	Bachelor	Spring	4	
Business Management	<u>VVIEM13204</u>	Quantitative experts solution methods	Master	Spring	7	
Business Management	<u>VVVTB11402</u>	Quantitative Methods in Economics	Bachelor	Spring	7	
Business Management	<u>VVEVB11405</u>	Regional Economics II: China	Bachelor	Spring	3	optional course
Business Management	<u>VVEVB11407</u>	Regional Economics II: Nordic countries	Bachelor	Spring	3	optional course
Business Management	<u>VVEVB11406</u>	Regional Economics II: Russian and other CSI countries	Bachelor	Spring	3	optional course
Business Management	<u>VVFRB11611</u>	Risk Management	Bachelor	Spring	7	
Business Management	<u>VVFRM13202</u>	Scientific Practice	Master	Spring	6	
Business Management	<u>VVEVM13206</u>	Scientific Practice	Master	Spring	6	
Business Management	<u>KIHSB11218</u>	Sociology	Bachelor	Spring	3	optional course
Business Management	<u>KILKB11016</u>	Specific Language	Bachelor	Spring	3	
Business Management	<u>VVFRB11414</u>	Statistics for Economics and Economical Forecasting	Bachelor	Spring	4	optional course
Civil Engineering	<u>APGDB11044</u>	Engineering geodesy and practice	Bachelor	Spring	6	Geodesy practice to be performed during the Academic course
Civil Engineering	<u>FMFIB11217</u>	Physics 1	Bachelor	Spring	5	
Civil Engineering	<u>FMIGB11201</u>	Applied Engineering Graphics	Bachelor	Spring	4	
Civil Engineering	<u>FMMMB11201</u>	Mathematics 2	Bachelor	Spring	7	
Civil Engineering	<u>FMMTB13252</u>	Engineering Mechanics	Bachelor	Spring	5	
Civil Engineering	<u>KIKAB11204</u>	English Language 2	Bachelor	Spring	3	

Civil Engineering	<u>STDGB11030</u>	Human's Safety and Environmental Protection	Bachelor	Spring	3	
Civil Engineering	<u>ELETB11401</u>	Electronics and Electrical Engineering	Bachelor	Spring	3	
Civil Engineering	<u>FMMTB13401</u>	Mechanics of Materials 2	Bachelor	Spring	3	
Civil Engineering	<u>STIAB11412</u>	Building Architecture and Structures 2	Bachelor	Spring	5 (2 ECTS for the project)	course project is included
Civil Engineering	<u>STSMB11430</u>	Building Materials	Bachelor	Spring	5	
Civil Engineering	<u>STSTB11422</u>	Construction Process Technology	Bachelor	Spring	5	
Civil Engineering	<u>STGKB11602</u>	Reinforced Concrete Structures 2	Bachelor	Spring	4	
Civil Engineering	<u>STGKB11603</u>	Complex project	Bachelor	Spring	5	
Civil Engineering	<u>STKMB11642</u>	Applied Mathematics and Mechanics	Bachelor	Spring	4	
Civil Engineering	<u>STKMB11686</u>	Fundamentals of Elasticity Theory	Bachelor	Spring	3	
Civil Engineering	<u>STMKB11602</u>	Steel Structures 2	Bachelor	Spring	5 (2 ECTS for the project)	course project is included
Civil Engineering	<u>STSEB11606</u>	Construction Economics and Organization	Bachelor	Spring	3	
Civil Engineering	<u>STGTB11819</u>	Foundation Engineering	Bachelor	Spring	4,5	
Civil Engineering	<u>STTSB11813</u>	Fundamental Design of Bridges	Bachelor	Spring	3	
Civil Engineering	<u>STSEB11814</u>	Fundamental of Construction Projects Management	Bachelor	Spring	3	
Civil Engineering	<u>STMKB11807</u>	Aluminium and Structural Glass Structures	Bachelor	Spring	3	
Civil Engineering	<u>STKMM11307</u>	Analysis and Optimal Shakedown Design of Structures	Master	-	8	Semester is not important
Civil Engineering	<u>STSMM11243</u>	Chemistry of Building Materials	Master	Spring	5	
Civil Engineering	<u>STSMM11345</u>	Materials of Modified Structures	Master	Spring	6	
Civil Engineering	<u>STSMM11349</u>	Technology of Composite Items for Construction	Master	Spring	6	
Civil Engineering	<u>STSMM11142</u>	Structure of Aluminosilicate Materials and Their Properties	Master	Spring	6	
Civil Engineering	<u>STSMM11156</u>	Testing methods of building materials	Master	Spring	5	
Creative Industries	<u>ARDKB13624</u>	Contemporary Visual Art as Communication	Bachelor	spring	5(2)	course project is included
Creative Industries	<u>KIKVB11601</u>	Marketing communications	Bachelor	Spring	5	individual courses
Creative Industries	<u>KIKVB12601</u>	Media Research Methods	Bachelor	Spring	5 (1)	course project is included
Creative Industries	<u>KIFKB15606</u>	Cultural Narratives	Bachelor	Spring		
Creative Industries	<u>KIKVB12604</u>	Complex project	Bachelor	Spring	7	individual courses
Electronics	<u>ELAUM11201</u>	Modern Electric Drives	Master	Spring	6	optional course
Electronics	<u>ELAUM11212</u>	Theory and Practice of Measurements	Master	Spring	6	optional course
Electronics	<u>ELaub11202</u>	Electrical Engineering	Bachelor	Spring	6	

Electronics	ELESB11401	Electronic Devices	Bachelor	Spring	6	
Electronics	ELESB11403	Computer Architecture	Bachelor	Spring	6	
Electronics	ELESB11409	Information Systems Analysis	Bachelor	Spring	6	
Electronics	ELKIB11402	Databases	Bachelor	Spring	3	
Electronics	ELAUB11601	Human Safety	Bachelor	Spring	3	
Electronics	ELESB11604	Computer Networks	Bachelor	Spring	4	
Electronics	ELESB11609	Digital Signal Processing	Bachelor	Spring	4	
Electronics	ELESB11612	Microcontrollers Systems	Bachelor	Spring	5	
Electronics	ELKIB11620	Computer Peripherals	Bachelor	Spring	5	
Electronics	ELKIB11621	Microprocessors and their Programming	Bachelor	Spring	5	
Electronics	ELESB11805	Network Programming	Bachelor	Spring	4	
Electronics	ELESB11808	Multimedia Technologies	Bachelor	Spring	3	
Electronics	ELESB11813	CIS Development (project)	Bachelor	Spring	5	
Electronics	ELKIB11606	Microwave Technology	Bachelor	Spring	4	prior agreement needed
Electronics	ELTLB11603	Information Transmission Systems	Bachelor	Spring	5	prior agreement needed
Electronics	ELTLB11605	Information Transmission Systems (project)	Bachelor	Spring	3	prior agreement needed
Electronics	ELTLB11604	Telecommunication Technologies 1	Bachelor	Spring	6	prior agreement needed
Electronics	ELTLB11808	Integrated Services Networks and Cloud Technologies	Bachelor	Spring	6	prior agreement needed
Electronics	ELTLB11809	Social Networking Technologies	Bachelor	Spring	5	prior agreement needed
Electronics	APPEM11253	Energy Technologies	Master	Spring	5	
Electronics	ELETM11202	Electrical Power Systems	Master	Spring	7	
Electronics	ELETM11203	Systemotechnique, Gauges and Converters	Master	Spring	6	
Electronics		Final thesis	Master	Spring	30	prior agreement needed
Environmental Engineering	APPEB11101	Building Energetics	Bachelor	Spring	3	
Environmental Engineering	FMFIB11205	Physics 2	Bachelor	Spring	5	
Environmental Engineering	FMSAB11209	Integral calculus	Bachelor	Spring	8	
Environmental Engineering	FMTMB11203	Engineering Mechanics	Bachelor	Spring	5	
Environmental Engineering	HIHSB11140	Philosophy	Bachelor	Spring	3	
Environmental Engineering	APGDB11042	Engineering Geodesy	Bachelor	Spring	4	
Environmental Engineering	APVIB15003	Fluid Mechanics	Bachelor	Spring	5	
Environmental Engineering	APPEB11104	Heat and Mass Transfer	Bachelor	Spring	6	several group
Environmental Engineering	APPEB11105	Fluid Machinery	Bachelor	Spring	3	

Environmental Engineering	ELETB11411	Electronics and Electrical Engineering	Bachelor	Spring	5	
Environmental Engineering	APPEB11110	Heat Production	Bachelor	Spring	5	
Environmental Engineering	APPEB11111	Buildings' Heating Systems	Bachelor	Spring	6	
Environmental Engineering	APPEB11112	Integrated Project 1 (Building Services)	Bachelor	Spring	5	
Environmental Engineering	APVTB11007	Technologies of water resources	Bachelor	Spring	3	
Environmental Engineering	STDGB11032	Human's Safety	Bachelor	Spring	3	
Environmental Engineering	VVIEB11638	Economics 2	Bachelor	Spring	4	
Environmental Engineering	APGDB11047	Geoinformation Systems	Bachelor	Spring	3	
Environmental Engineering	APPEB13827	The Control and Management of Building Technical Systems	Bachelor	Spring	4	
Environmental Engineering	APASM11107	Environment Policy, Law and Economy	Master	Spring	6	
Environmental Engineering	APASM11108	Environmental Management	Master	Spring	8	
Environmental Engineering	APASM11109	Waste Management	Master	Spring	8	
Environmental Engineering	VVEVM11212	Engineering Management	Master	Spring	5	
Fundamental Sciences	FMITB11637	Artificial Intelligence and Expert Systems	Bachelor	Spring	6,0	
Fundamental Sciences	FMCHB11202	Chemistry	Bachelor	Spring	3,0	
Fundamental Sciences	FMITB14408	Cloud Computing	Bachelor	Spring	6,0	
Fundamental Sciences	FMMMB14202	Discrete Mathematics 2	Bachelor	Spring	6,0	
Fundamental Sciences	FMMTB13251	Engineering Mechanics	Bachelor	Spring	6,0	
Fundamental Sciences	FMMTB13252	Engineering Mechanics	Bachelor	Spring	5,0	
Fundamental Sciences	FMMTB13253	Engineering Mechanics	Bachelor	Spring	5,0	
Fundamental Sciences	FMITB11605	Fundamentals of Business Process Management	Bachelor	Spring	6,0	
Fundamental Sciences	FMIGB11203	General Engineering Graphics	Bachelor	Spring	3,0	
Fundamental Sciences	FMITB11604	Management of Database 2	Bachelor	Spring	3,0	
Fundamental Sciences	FMMMB11210	Mathematics 2	Bachelor	Spring	5,0	
Fundamental Sciences	FMMMB11213	Mathematics 2	Bachelor	Spring	8,0	
Fundamental Sciences	FMMTB13409	Mechanics of Materials	Bachelor	Spring	6,0	
Fundamental Sciences	FMITB11414	Object-Oriented Design	Bachelor	Spring	3,0	
Fundamental Sciences	FMFIB11214	Physics 2	Bachelor	Spring	4,0	
Fundamental Sciences	FMFIB11227	Physics 2	Bachelor	Spring	4,0	
Fundamental Sciences	FMITB14207	Procedural Programming	Bachelor	Spring	6,0	
Fundamental Sciences	FMISB14468	Software Systems Engineering	Bachelor	Spring	6,0	
Fundamental Sciences	FMMTB13401	Mechanics of Materials 2	Bachelor	Spring	3,0	

Fundamental Sciences	FMMMB11212	Discrete Mathematics	Bachelor	Spring	5,0	
Fundamental Sciences	FMGSB11601	Digital Photography Technology	Bachelor	Spring	5,00 (1,0)	
Fundamental Sciences	FMGSB15602	Video Technologies	Bachelor	Spring	5,00 (1,0)	
Fundamental Sciences	FMGSB11603	Visualization Systems	Bachelor	Spring	4	
Fundamental Sciences	FMGSB11604	Web 3D Graphics	Bachelor	Spring	3	
Fundamental Sciences	FMGSB15601	Introduction to Animation	Bachelor	Spring	5	
Mechanics	MEMTB11201	Materials science 1	Bachelor	Spring	3	
Mechanics	MEMIB11402	Mechanical, laser and another manufacturing technologies	Bachelor	Spring	3	
Mechanics	MEPMB11401	Machine Elements	Bachelor	Spring	5	course project is included
Mechanics	MEMRB13606	Automatization of Technical Systems and Processes	Bachelor	Spring	5	
Mechanics	MEMIB13607	Production Technology of Machines and Instruments	Bachelor	Spring	4	
Mechanics	MEMIB13608	Design of Machines and Instrument 1	Bachelor	Spring	4	
Mechanics	MEMRB13609	CAD/CAM/CAE	Bachelor	Spring	5	
Mechanics	MEMIB13629	Computer Aided Design of Technological Processes	Bachelor	Spring	3	
Mechanics	MEMIB11819	Tribology	Bachelor	Spring	3	
Mechanics	MEMIB11820	Equipment Assembly Technology	Bachelor	Spring	4,0	
Mechanics	MEMIB11814	Bachelor Graduation Thesis 2	Bachelor	Spring	5	Requirement to be passed Bachelor Graduation Thesis 1 and ≥ 207 ECTS from bachelor studies
Mechanics	MEMIB11815	Bachelor Graduation Thesis 3	Bachelor	Spring	10	Requirement to be passed Bachelor Graduation Thesis 1 and 2, and ≥ 207 ECTS from bachelor studies
Mechanics	MEMIM13017	Master Graduation Thesis 4	Master	Spring	30	Requirement to be passed Master Graduation Thesis 1, 2 and 3, and ≥ 81 ECTS from master studies
Mechanics	MEMTB11828	Joining Technologies	Master	Spring	3	
Mechanics	MEMIM13005	Investment Management	Master	Spring	4	
Mechanics	MEMIM13007	Improvement and Innovation of Manufacturing Process	Master	Spring	8	course project is included
Mechanics	MEMIM13008	Design for Quality	Master	Spring	6	
Mechanics	MEMIM13009	Markets of Industrial Products and Their Competitiveness	Master	Spring	4	
Mechanics	MEMRM13310	Modeling of Mechatronic Systems	Master	Spring	9(2)	course project is included
Mechanics	MEMRM14205	Modeling of Mechatronic Systems	Master	Spring	9(2)	course project is included
Mechanics	MEMRM14206	Control of Mechatronic Systems	Master	Spring	6	

Mechanics	<u>MEMRM13311</u>	Control of Mechatronic Systems	Master	Spring	6	
Mechanics	<u>MEMRM14201</u>	Master Graduation Thesis 2	Master	Spring	3	Final Work in Mechatronics. Requirement to be passed Master Graduation Thesis 1 and ≥ 27 ECTS from master studies
Mechanics	<u>MEMRM14203</u>	Diagnostics in Mechatronics	Master	Spring	6	
Mechanics	<u>MEMRM14204</u>	Sensors in Mechatronics	Master	Spring	6	optional course
Mechanics	<u>MEMRM14202</u>	Smart Materials in Mechatronics	Master	Spring	6	optional course
Mechanics	<u>MEMRM14401</u>	Master Graduation Thesis 4	Master	Spring	30	Final Work in Mechatronics. Requirement to be passed Master Graduation Thesis 1, 2 and 3, and ≥ 81 ECTS from master studies
Mechanics	<u>MEMIM13010</u>	Master Graduation Thesis 2	Master	Spring	3	Requirement to be passed Master Graduation Thesis 1 and ≥ 27 ECTS from master studies
Transport Engineering	<u>TITVB11608</u>	Basics of Logistics	Bachelor	Spring	5	
Transport Engineering	<u>TITVB11811</u>	Warehouse Logistics	Bachelor	Spring	3	
Transport Engineering	<u>TIGEB11605</u>	Railway Traffic Safety	Bachelor	Spring	4	individual course
Transport Engineering	<u>TILTB14638</u>	Freight Forwarding of International Trade	Bachelor	Spring	4	

