

VILNIUS GEDIMINAS TECHNICAL UNIVERSITY

LIST OF COURSES OFFERED IN ENGLISH

2019/2020



 optional (might not be available)

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

Autumn Semester courses					
Faculty	Course code	Course Title	Level	Semestrer	ECTS
Antanas Gustaitis' Aviation Institute	AIAIB17777	Bakalauro baigiamasis darbas 1/ Bachelor graduation thesis 1	Bachelor	Autumn	24
Antanas Gustaitis' Aviation Institute	KILSB17036	Specific Purpose Language Culture	Bachelor	Autumn	3
Antanas Gustaitis' Aviation Institute	AISVA16501	Air Law	Integrated	Autumn	6
Antanas Gustaitis' Aviation Institute	AISVA15716	Air Traffic Organization	Integrated	Autumn	7
Antanas Gustaitis' Aviation Institute	AISVA16510	Air Traffic Rules and Procedures	Integrated	Autumn	3
Antanas Gustaitis' Aviation Institute	AISVA11921	Air Transport Management	Integrated	Autumn	5
Antanas Gustaitis' Aviation Institute	AIAIA17009	Aircraft Electronic Navigation Systems 1	Integrated	Autumn	5
Antanas Gustaitis' Aviation Institute	AIAIA17004	Aircraft's Radar Systems	Integrated	Autumn	6
Antanas Gustaitis' Aviation Institute	AISVA16302	Aviation English 1	Integrated	Autumn	6
Antanas Gustaitis' Aviation Institute	AISVA16503	Aviation English 3	Integrated	Autumn	3
Antanas Gustaitis' Aviation Institute	AISVA15713	Aviation English 5	Integrated	Autumn	5
Antanas Gustaitis' Aviation Institute	AISVA11920	Aviation English 7	Integrated	Autumn	5
Antanas Gustaitis' Aviation Institute	AIAIA17014	Communication systems and electrical equipment of air traffic control centres	Integrated	Autumn	3
Antanas Gustaitis' Aviation Institute	AISVA15717	Flight Characteristics and Planning	Integrated	Autumn	9
Antanas Gustaitis' Aviation Institute	AISVA16702	Flight Performance, Planning and Monitoring	Integrated	Autumn	6
Antanas Gustaitis' Aviation Institute	AISVA16504	Flight Procedures	Integrated	Autumn	3
Antanas Gustaitis' Aviation Institute	AIAIA17119	General knowledge of aircraft: power plant	Integrated	Autumn	3
Antanas Gustaitis' Aviation Institute	AISVA16502	Human Performance and Limitation	Integrated	Autumn	6
Antanas Gustaitis' Aviation Institute	AIAIA17117	Principles of flight and flight performances	Integrated	Autumn	6
Antanas Gustaitis' Aviation Institute	AIAIA17118	Principles of flight: aircraft	Integrated	Autumn	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Antanas Gustaitis' Aviation Institute	AIAIA17121	Principles of flight: Helicopter	Integrated	Autumn	6
Antanas Gustaitis' Aviation Institute	AIAIA17013	Radionavigation	Integrated	Autumn	3
Antanas Gustaitis' Aviation Institute	AIAIA17011	Radionavigation Equipment and Systems of Air Traffic Control	Integrated	Autumn	5
Architecture	ARPGA17014	Architectural Workshop (3rd year course, taught on the first two weeks of September, only one workshop can be taken)	Integrated	Autumn	3
Architecture	ARARA16008	Architectural Workshop (3rd year course, taught on the first two weeks of September, only one workshop can be taken)	Integrated	Autumn	3
Architecture	ARURA16001	Architecture and Community (2nd year course)	Integrated	Autumn	15
Architecture	ARARA16009	Architecture and Contexts (4th year course, architectural task)	Integrated	Autumn	12
Architecture	ARURA16004	Architecture and Contexts (4th year course, urban task)	Integrated	Autumn	12
Architecture	ARARA17006	Architecture and Society (3rd year course)	Integrated	Autumn	15
Architecture	ARPGA17018	Architecture Research Methodology (4th year course)	Integrated	Autumn	6
Architecture	ARPGA17002	Drawing 1 (1st year course)	Integrated	Autumn	6
Architecture	ARPGA17011	History of Architecture 2 (2nd year course)	Integrated	Autumn	3
Architecture	ARPGA17013	Modern and Contemporary Architecture (3rd year course)	Integrated	Autumn	3
Architecture	ARARA16015	Practice of Building Typology (1st year course)	Integrated	Autumn	3
Architecture	ARARA16004	Scale in Architecture (2nd year course)	Integrated	Autumn	3(3)
Architecture	ARPGA17004	Sculpture and Painting Backgrounds (2nd year course)	Integrated	Autumn	3
Architecture	ARARA16007	Tectonics in Architecture (3rd year course)	Integrated	Autumn	3(3)
Architecture	ARARA16001	Typology of Buildings (1st year course)	Integrated	Autumn	3
Architecture	ARURA16002	Urban Design Workshop (3rd year course, taught on the first two weeks of September, only one workshop can be taken)	Integrated	Autumn	3
Business Management	VVFRB16301	Accounting (with course work)	Bachelor	Autumn	6
Business Management	VVFRB16502	Business Finance	Bachelor	Autumn	3
Business Management	VVTVB17095	Business Fundamentals	Bachelor	Autumn	3
Business Management	VVTVB17097	Business Fundamentals	Bachelor	Autumn	3
Business Management	VVTVB17098	Business Fundamentals	Bachelor	Autumn	3
Business Management	VVEIB17112	Comparative Economics	Bachelor	Autumn	3
Business Management	VVFRB16825	Complex Project of Financial Engineering	Bachelor	Autumn	6
Business Management	VVTEB16301	Contract Law	Bachelor	Autumn	3

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Business Management	<u>VVTVB17072</u>	Course Project of Enterprise Organization and Management	Bachelor	Autumn	3
Business Management	<u>VVVKB17039</u>	Course Project of Marketing Research	Bachelor	Autumn	3
Business Management	<u>VVTVB17182</u>	E-business	Bachelor	Autumn	3
Business Management	<u>FMSAB16369</u>	Econometrics	Bachelor	Autumn	6
Business Management	<u>FMSAB16370</u>	Econometrics (course work)	Bachelor	Autumn	3
Business Management	<u>VVEIB17161</u>	Economis of Human Resource	Bachelor	Autumn	3
Business Management	<u>FMGSB16103</u>	Engineering and Computer Graphics	Bachelor	Autumn	6
Business Management	<u>VVTVB17184</u>	Engineering Principles	Bachelor	Autumn	3
Business Management	<u>VVTVB17068</u>	Enterprise Organization and Management	Bachelor	Autumn	6
Business Management	<u>VVFRB18101</u>	Evolution and Principles of Finance	Bachelor	Autumn	3
Business Management	<u>VVFRB18703</u>	Financial Engineering	Bachelor	Autumn	3
Business Management	<u>VVTEB16502</u>	Financial Law	Bachelor	Autumn	3
Business Management	<u>VVFRB17301</u>	Foundations of Financial Decisions	Bachelor	Autumn	3
Business Management	<u>VVEIB17022</u>	Fundamentals of EU Studies	Bachelor	Autumn	3
Business Management	<u>VVTEB16304</u>	Fundamentals of Law	Bachelor	Autumn	3
Business Management	<u>VVTEB16203</u>	Fundamentals of Law	Bachelor	Autumn	3
Business Management	<u>FMISB16101</u>	Information Technologies	Bachelor	Autumn	6
Business Management	<u>VVFRB17705</u>	Investment Management	Bachelor	Autumn	3
Business Management	<u>VVFRB18504</u>	Investment Project (complex project)	Bachelor	Autumn	6
Business Management	<u>FMSAB16105</u>	Linear Algebra and Mathematical Analysis	Bachelor	Autumn	9
Business Management	<u>VVEIB17191</u>	Macroeconomics	Bachelor	Autumn	6
Business Management	<u>VVEIB17186</u>	Macroeconomics	Bachelor	Autumn	6
Business Management	<u>VVFRB16504</u>	Management Accounting	Bachelor	Autumn	6
Business Management	<u>VVVKB17030</u>	Management Psychology	Bachelor	Autumn	3
Business Management	<u>VVVKB17033</u>	Marketing	Bachelor	Autumn	6
Business Management	<u>VVVKB17038</u>	Marketing Research	Bachelor	Autumn	6
Business Management	<u>FMGSB16605</u>	Media Production	Bachelor	Autumn	6
Business Management	<u>VVEIB17117</u>	Microeconomics	Bachelor	Autumn	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Business Management	<u>VVTVB18301</u>	Negotiation in Business	Bachelor	Autumn	3
Business Management	<u>VVFRB17704</u>	Personal Finance	Bachelor	Autumn	3
Business Management	<u>KIFSB17109</u>	Philosophy	Bachelor	Autumn	3
Business Management	<u>VVFRB18502</u>	Pricing	Bachelor	Autumn	6
Business Management	<u>VVEIB17811</u>	Principles of Economics	Bachelor	Autumn	3
Business Management	<u>VVTVB17183</u>	Production Technology and Management (with course work)	Bachelor	Autumn	6
Business Management	<u>VVTVB17271</u>	Project Preparation and Evaluation	Bachelor	Autumn	3
Business Management	<u>VVEIB17281</u>	Quantitative Methods for Decision Making	Bachelor	Autumn	6
Business Management	<u>VVEIB17024</u>	Regional Economics I: China	Bachelor	Autumn	3
Business Management	<u>VVEIB17026</u>	Regional Economics I: Nordic Countries	Bachelor	Autumn	3
Business Management	<u>VVEIB17025</u>	Regional Economics I: Russia and Other CIS Countries	Bachelor	Autumn	3
Business Management	<u>VVVKB17105</u>	Strategic Management	Bachelor	Autumn	3
Business Management	<u>VVTVB17180</u>	Total Quality Management	Bachelor	Autumn	3
Business Management	<u>VVFRM17203</u>	Analysis of Investment Possibilities (with course project)	Master	Autumn	9
Business Management	<u>VVFRM17111</u>	Business Finance for Executives (with course project)	Master	Autumn	9
Business Management	<u>VVFRM18301</u>	Financial Economics (with course project)	Master	Autumn	6
Business Management	<u>VVFRM17103</u>	Financial Systems	Master	Autumn	6
Business Management	<u>VVEIM18407</u>	Global Economy (with course project)	Master	Autumn	9
Business Management	<u>VVTVM17034</u>	Innovation Theory	Master	Autumn	6
Business Management	<u>VVTVM17035</u>	International Business Theory (with course project)	Master	Autumn	9
Business Management	<u>VVVKM17060</u>	International Marketing and Communication (with course project)	Master	Autumn	6
Business Management	<u>VVFRM18302</u>	Management of Investment Projects (with course project)	Master	Autumn	6
Business Management	<u>VVEIM17401</u>	Methodology of Scientific Research	Master	Autumn	6
Business Management	<u>VVFRM18103</u>	Payment Industry	Master	Autumn	6
Business Management	<u>VVEIM17108</u>	Quantitative and Expert Solution Methods	Master	Autumn	6
Business Management	<u>VVFRM18102</u>	Risk Engineering	Master	Autumn	6
Civil Engineering	<u>STGGB17189</u>	Basics of Soil Mechanics	Bachelor	Autumn	3
Civil Engineering	<u>STGGB17271</u>	Building Architecture and Structures	Bachelor	Autumn	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Civil Engineering	STGGB17272	Building Architecture and Structures (course work)	Bachelor	Autumn	3
Civil Engineering	STMEB17038	Computer-Aided Modelling of Steel Structures - BIM3	Bachelor	Autumn	3
Civil Engineering	STVNB17063	Construction Economics	Bachelor	Autumn	3
Civil Engineering	STTMB17107	Dynamics and Stability of Buildings	Bachelor	Autumn	3
Civil Engineering	STTMB17047	Integral Mechanics	Bachelor	Autumn	6
Civil Engineering	STGGB17026	Introduction to Specialty	Bachelor	Autumn	3
Civil Engineering	STGGB17048	Masonry and Composite Structures	Bachelor	Autumn	3
Civil Engineering	STGGB17031	Reinforced Concrete Structures 1	Bachelor	Autumn	6
Civil Engineering	STMEB17022	Steel Structures 1	Bachelor	Autumn	6
Civil Engineering	STTMB17103	Structural Mechanics and fundamentals of elasticity theory	Bachelor	Autumn	6
Civil Engineering	STMEB17037	Timber Structures	Bachelor	Autumn	3
Civil Engineering	STGGM17137	Design of Precast and Prestressed Reinforced Concrete Structures	Master	Autumn	9
Civil Engineering	STGSM17122	Fundamentals of Research and Innovation	Master	Autumn	3
Civil Engineering	STGGM17140	Influence of Preserve Actions on Reinforced Concrete Structures	Master	Autumn	6
Civil Engineering	STMEM17145	Innovative Tall Steel Structures	Master	Autumn	6
Civil Engineering	STGGM17115	Modelling and Computer Analysis of Structure (with course project)	Master	Autumn	9
Civil Engineering	STMEM17071	Nonlinear Analysis and Design of Steel Structures	Master	Autumn	6
Civil Engineering	STGGM17136	Non-Linear Mechanics of Reinforced Concrete	Master	Autumn	6
Civil Engineering	STGGM17117	Reinforced Concrete Thin-Walled Spatial Structures	Master	Autumn	9
Civil Engineering	STMEM17122	Stability of Steel Structures	Master	Autumn	6
Creative Industries	KIKOB17070	Basics of Journalism and content strategy	Bachelor	Autumn	6
Creative Industries	KIKOB17069	Creative Industries Studies (with course work)	Bachelor	Autumn	6
Creative Industries	KIUSB17101	English Language	Bachelor	Autumn	3
Creative Industries	KIUSB17179	English Language	Bachelor	Autumn	3
Creative Industries	KILSB18001	Lithuanian Language 1 (for Foreign Students)	Bachelor	Autumn	3
Creative Industries	KIPIB17073	Photography	Bachelor	Autumn	6
Creative Industries	KIUSB17098	Speciality English Language 1 (Business Management)	Bachelor	Autumn	3
Creative Industries	KIUSB17170	Speciality English Language 2 (Business Management)	Bachelor	Autumn	3

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Creative Industries	KIPIB17076	Urban Studies	Bachelor	Autumn	3
Creative Industries	VVVKB17034	Digital Marketing	Bachelor	Autumn	6
Creative Industries	KIUSB93103	German for Beginners	Integrated	Autumn	3
Electronics	ELEIB16562	Automatic Control Systems (with course project)	Bachelor	Autumn	6
Electronics	ELKRB16628	Bachelor Graduation Thesis 1 (<i>prior agreement needed</i>)	Bachelor	Autumn	3
Electronics	ELKRB16825	Bachelor Graduation Thesis 2 (<i>prior agreement needed</i>)	Bachelor	Autumn	6
Electronics	ELKRB16826	Bachelor Graduation Thesis 3 (<i>prior agreement needed</i>)	Bachelor	Autumn	6
Electronics	ELKRB16719	Computer Networks and Security	Bachelor	Autumn	6
Electronics	ELESB16519	Computerized Measurement Systems	Bachelor	Autumn	3
Electronics	ELESB16511	Design of Computer Components	Bachelor	Autumn	3 (3)
Electronics	ELESB16502	Digital Devices	Bachelor	Autumn	6
Electronics	ELESB16722	Digital Signal Processing Tools (<i>Begins from the second week of October</i>)	Bachelor	Autumn	6
Electronics	ELEIB16563	Electric Drives	Bachelor	Autumn	3
Electronics	ELEIB16501	Electronics	Bachelor	Autumn	3
Electronics	ELESB16301	Fundamentals of Electronics	Bachelor	Autumn	6
Electronics	ELESB16520	Information Coding	Bachelor	Autumn	3
Electronics	ELESB16102	Introduction to Informatics Engineering	Bachelor	Autumn	3
Electronics	ELEIB16351	Mechatronic Equipment	Bachelor	Autumn	6
Electronics	ELESB16513	Operating System Concepts	Bachelor	Autumn	6
Electronics	ELESB16504	Operating System Concepts	Bachelor	Autumn	3
Electronics	ELKRB16720	Programable Microsystems	Bachelor	Autumn	3
Electronics	ELESB16302	Script Programming	Bachelor	Autumn	6
Electronics	ELESB16501	Signals and Circuits 2	Bachelor	Autumn	6
Electronics	ELESB16522	Signals and Systems	Bachelor	Autumn	6
Electronics	ELESB16515	Signals and Systems (<i>course project</i>)	Bachelor	Autumn	3
Electronics	ELESB16724	Software Design (<i>Begins from the second week of October</i>)	Bachelor	Autumn	6
Electronics	ELKRB16514	The Basics of Microcontrollers (<i>prior agreement needed - limited number of students accepted</i>)	Bachelor	Autumn	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Electronics	ELESB16506	Theory of Electromagnetic Field	Bachelor	Autumn	3
Electronics	ELEIM17100	Electrical energy and market	Master	Autumn	6
Electronics	ELEIM17102	Electrical Power Systems (with Course Project)	Master	Autumn	9
Electronics	ELESB17103	Fundamentals of Research and Innovations	Master	Autumn	6
Electronics	ELEIM17304	Hydropower and Biofuel	Master	Autumn	6
Electronics	ELEIM17400	Master Graduation Thesis (<i>prior agreement needed</i>)	Master	Autumn	30
Electronics	ELKRM17103	Mathematical Modelling Technologies	Master	Autumn	6
Electronics	ELEIM17301	Photovoltaic Energy Systems	Master	Autumn	9
Electronics	ELEIM17300	Wind Energy Systems	Master	Autumn	9
Environmental Engineering	APPEB16510	Air Conditioning (with course project)	Bachelor	Autumn	6
Environmental Engineering	APPEB16719	Bachelor Graduation Thesis 1 (Energy Supply Systems)	Bachelor	Autumn	3
Environmental Engineering	APPEB16720	Bachelor Graduation Thesis 1 (Indoor Climate Systems)	Bachelor	Autumn	3
Environmental Engineering	APPEB16508	Buildings' Heating Systems	Bachelor	Autumn	6
Environmental Engineering	APPEB16303	Engineering Thermodynamics	Bachelor	Autumn	6
Environmental Engineering	APAVB17204	Fluid Mechanics	Bachelor	Autumn	3
Environmental Engineering	APPEB16511	Integrated Project 1 (Building Services)	Bachelor	Autumn	9
Environmental Engineering	STGSB17169	Materials Science and Building Materials	Bachelor	Autumn	3
Environmental Engineering	APPEB16716	Renewable Energy Technologies	Bachelor	Autumn	6
Environmental Engineering	APPEB16509	Ventilation	Bachelor	Autumn	6
Environmental Engineering	APAVB17032	Waste Management and Reuse Technologies	Bachelor	Autumn	3
Environmental Engineering	APAVM17132	Anthropogenic Impact on Environment	Master	Autumn	6
Environmental Engineering	APAVM17147	Atmosphere Controlling and Protection (with course project)	Master	Autumn	9
Environmental Engineering	APAVM17131	Cleaner Production (with course project)	Master	Autumn	6
Environmental Engineering	STMEM17106	Composite Materials for Bridges	Master	Autumn	6
Environmental Engineering	STGGM17367	Computer Aided Design of Bridges (with course project)	Master	Autumn	6 (2)
Environmental Engineering	APAVM17263	Ecological Design	Master	Autumn	6
Environmental Engineering	APGDM17047	Geoinformation Systems on the Internet	Master	Autumn	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Environmental Engineering	<u>APAVM17133</u>	Innovative Environmental Protection Technologies (with course project)	Master	Autumn	6
Environmental Engineering	<u>APKLM17002</u>	Innovative Pavement Structure Design (with course project)	Master	Autumn	6
Environmental Engineering	<u>APKLM17001</u>	Innovative Scientific Solutions	Master	Autumn	3
Environmental Engineering	<u>APKLM17022</u>	Land Use Planning	Master	Autumn	6
Environmental Engineering	<u>APAVM17146</u>	Modelling of Environmental Processes (with course project)	Master	Autumn	9
Environmental Engineering	<u>STGGM17366</u>	Nonlinear Analysis of Reinforced Concrete Bridges	Master	Autumn	6
Environmental Engineering	<u>APAVM17134</u>	Physical Pollution and Reduction Technology	Master	Autumn	6
Environmental Engineering	<u>APKLM17021</u>	Road and Streets Network Planning	Master	Autumn	6
Environmental Engineering	<u>APKLM14302</u>	Road and Streets Network Planning	Master	Autumn	6
Environmental Engineering	<u>APAVM17251</u>	Scientific Researches and Innovations	Master	Autumn	6
Environmental Engineering	<u>APKLM17005</u>	Traffic Safety Management	Master	Autumn	6
Fundamental Sciences	<u>FMSAB16101</u>	Algebra and Differential Calculus	Bachelor	Autumn	6
Fundamental Sciences	<u>FMSAB16108</u>	Algebra and Differential Calculus	Bachelor	Autumn	6
Fundamental Sciences	<u>FMMMB16101</u>	Algebra and Differential Calculus	Bachelor	Autumn	6
Fundamental Sciences	<u>FMIGB16004</u>	Applied Engineering Graphics	Bachelor	Autumn	3
Fundamental Sciences	<u>FMCHB16101</u>	Chemistry	Bachelor	Autumn	3
Fundamental Sciences	<u>FMCHB16102</u>	Chemistry	Bachelor	Autumn	6
Fundamental Sciences	<u>FMCHB16106</u>	Chemistry	Bachelor	Autumn	3
Fundamental Sciences	<u>FMCHB16109</u>	Chemistry	Bachelor	Autumn	6
Fundamental Sciences	<u>FMIGB16304</u>	Computer Graphics	Bachelor	Autumn	6
Fundamental Sciences	<u>FMMMB16102</u>	Discrete Mathematics 1	Bachelor	Autumn	3
Fundamental Sciences	<u>FMSAB19369</u>	Econometrics	Bachelor	Autumn	6
Fundamental Sciences	<u>FMSAB19370</u>	Econometrics (course work)	Bachelor	Autumn	3(3)
Fundamental Sciences	<u>FMGSB16102</u>	Engineering and Computer Graphics	Bachelor	Autumn	3
Fundamental Sciences	<u>FMSAB16121</u>	Fundamentals of Mathematical Analysis	Bachelor	Autumn	9
Fundamental Sciences	<u>FMFIB16113</u>	General Physics	Bachelor	Autumn	3
Fundamental Sciences	<u>FMFIB16115</u>	General Physics	Bachelor	Autumn	6

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Fundamental Sciences	FMITB16507	Human Computer Interaction	Bachelor	Autumn	6
Fundamental Sciences	FMISB16106	Information Technologies	Bachelor	Autumn	6
Fundamental Sciences	FMISB18100	Information technologies	Bachelor	Autumn	6
Fundamental Sciences	FMITB16708	Information Technologies Services Management 1 (with course work)	Bachelor	Autumn	6
Fundamental Sciences	FMISB16102	Introduction to Software Development	Bachelor	Autumn	3
Fundamental Sciences	FMMMB16110	Linear algebra and differential calculus	Bachelor	Autumn	6
Fundamental Sciences	FMITB16537	Management of Database 1	Bachelor	Autumn	6
Fundamental Sciences	FMMMB16310	Mathematical Analysis and Probability theory	Bachelor	Autumn	6
Fundamental Sciences	FMMMB16111	Mathematics 1	Bachelor	Autumn	6
Fundamental Sciences	FMMMB16311	Mathematics 3	Bachelor	Autumn	6
Fundamental Sciences	FMITB16307	Object-Oriented Programming (with course work)	Bachelor	Autumn	6
Fundamental Sciences	FMIGB16302	Object-oriented, Parametric Modeling BIM 1	Bachelor	Autumn	3
Fundamental Sciences	FMITB16501	Organisation of Computer Systems	Bachelor	Autumn	3
Fundamental Sciences	FMFIB16124	Physics	Bachelor	Autumn	6
Fundamental Sciences	FMFIB19122	Physics	Bachelor	Autumn	6
Fundamental Sciences	FMFIB16128	Physics 1	Bachelor	Autumn	6
Fundamental Sciences	FMITB16502	Principles of Project Management	Bachelor	Autumn	3
Fundamental Sciences	FMSAB19310	Probability Theory and Mathematical Statistic	Bachelor	Autumn	6
Fundamental Sciences	FMSAB16303	Probability Theory and Mathematical Statistic	Bachelor	Autumn	6
Fundamental Sciences	FMSAB16325	Probability Theory and Mathematical Statistics	Bachelor	Autumn	6
Fundamental Sciences	FMMMB16301	Probability Theory and Mathematical Statistics	Bachelor	Autumn	6
Fundamental Sciences	FMITB16208	Procedural Programming	Bachelor	Autumn	6
Fundamental Sciences	FMITB18505	Programming Techniques (with course work)	Bachelor	Autumn	9
Fundamental Sciences	FMITB17338	Project Management	Bachelor	Autumn	6
Fundamental Sciences	FMITB16702	Service Oriented Architecture (with course work)	Bachelor	Autumn	6
Fundamental Sciences	FMITB16709	Software Testing	Bachelor	Autumn	6
Fundamental Sciences	FMIGB17002	Technical Drawing	Bachelor	Autumn	3

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Fundamental Sciences	FMITB16720	Workflow Applications	Bachelor	Autumn	3
Fundamental Sciences	FMMMA16111	Mathematical models of modern architecture	Integrated	Autumn	3
Fundamental Sciences	FMISM17101	Cryptographic Systems	Master	Autumn	9
Fundamental Sciences	FMISM17103	Databases and Electronic Document Security	Master	Autumn	9
Fundamental Sciences	FMISM17100	Fundamentals of Scientific Research and Innovations	Master	Autumn	3
Fundamental Sciences	FMISM17102	Information Technology Security Methods	Master	Autumn	6
Mechanics	MEBIB17028	Automatic Control	Bachelor	Autumn	6
Mechanics	MERSB17010	Bachelor Graduation Thesis 1	Bachelor	Autumn	3
Mechanics	MEMKB17158	Cutting Processes and Tools	Bachelor	Autumn	3
Mechanics	MEMKB17222	Design of Machines and Instruments 2	Bachelor	Autumn	6
Mechanics	MERSB17180	Design of Mechatronic and CAD/CAM Systems. Complex Project	Bachelor	Autumn	6
Mechanics	MEMKB17226	Design of Tools and Devices (with course work)	Bachelor	Autumn	6
Mechanics	STGSB17036	Human's Safety and Environmental Protection	Bachelor	Autumn	3
Mechanics	MERSB17106	Introduction to Mechatronics and Robotics	Bachelor	Autumn	3
Mechanics	MEMKB17146	Introduction to Speciality	Bachelor	Autumn	3
Mechanics	MERSB17058	Machine Elements (with course project)	Bachelor	Autumn	6
Mechanics	MEMKB17157	Machines of Energy Transformation (with course work)	Bachelor	Autumn	6
Mechanics	MEMKB17383	Materials Science 2	Bachelor	Autumn	3
Mechanics	STTMB17049	Mechanics of Materials 1	Bachelor	Autumn	3
Mechanics	MERSB17111	Mechatronic Systems 1	Bachelor	Autumn	3
Mechanics	MERSB17110	Robotics	Bachelor	Autumn	6
Mechanics	MERSB17054	Theory of Mechanisms and Machines (with course project)	Bachelor	Autumn	9
Mechanics	MEMKM18303	Business Game	Master	Autumn	6
Mechanics	MEMKM17361	Diagnostic and Monitoring	Master	Autumn	6
Mechanics	MEMKM17338	Dynamics of Mechanical Systems (with course work)	Master	Autumn	12
Mechanics	MERSM17156	Experimental Research of Mechatronic Systems	Master	Autumn	9
Mechanics	MEMKM17341	Fundamentals of Research and Innovation	Master	Autumn	3
Mechanics	MEMKM17344	Human Resource Management and Leadership	Master	Autumn	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Mechanics	MEMKM17342	Improvement and Innovation of Manufacturing Process (with course work)	Master	Autumn	9
Mechanics	MEMKM17369	Innovative Product Design (with course project)	Master	Autumn	9
Mechanics	MERSM17152	Master Graduation Thesis 1	Master	Autumn	3
Mechanics	MEMKM17345	Master Graduation Thesis 1	Master	Autumn	3
Mechanics	MERSM17174	Master Graduation Thesis 3	Master	Autumn	3
Mechanics	MEMKM17371	Master Graduation Thesis 3	Master	Autumn	3
Mechanics	MERSM17155	Mechanics of Mechatronic and Robotic Systems (with course project)	Master	Autumn	9
Mechanics	MERSM17175	Pneumatic and Hydraulic Systems (with course project)	Master	Autumn	9
Mechanics	MEMKM18302	Products and Service Quality	Master	Autumn	6
Mechanics	MEMKM17337	Reliability of Mechanical Systems	Master	Autumn	6
Mechanics	MEMKM17365	Simulation of Mechanical Systems (with course project)	Master	Autumn	12
Mechanics	MEMKM17343	Supply Chain Management and International Manufacturing	Master	Autumn	9
Mechanics	MEMKM17362	Theory of Flow	Master	Autumn	6
Transport Engineering	TIMGB17125	Computer Aided Engineering for Transport Machinery	Bachelor	Autumn	3
Transport Engineering	TIMGB17124	Hydraulic and Pneumatic Systems (with course project)	Bachelor	Autumn	6
Transport Engineering	STGSB17038	Human's Safety	Bachelor	Autumn	3
Transport Engineering	TIAIB17051	Internal Combustion Engines (with course project)	Bachelor	Autumn	6
Transport Engineering	TIMGB17126	Vehicle Dynamics	Bachelor	Autumn	6
Transport Engineering	TIMGM18166	The Finite Elements Method	Master	Autumn	9
Transport Engineering	TIAIM17100	Theory of Reliability of Transport Machinery	Master	Autumn	6

Spring Semester courses					
Faculty	Course code	Course Title	Level	Semestrer	ECTS
Antanas Gustaitis' Aviation Institute	AIAIB17777	Bakalauro baigiamasis darbas 1/ Bachelor graduation thesis 1	Bachelor	Spring	24
Antanas Gustaitis' Aviation Institute	AIAIB17059	Bakalauro baigiamasis darbas 2/ Bachelor Graduation Thesis 2	Bachelor	Spring	6
Antanas Gustaitis' Aviation Institute	AIAIB17062	Unmanned Aerial Vehicles and their Systems	Bachelor	Spring	3

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Antanas Gustaitis' Aviation Institute	AISVA16603	Aerodrome Command Technology	Integrated	Spring	6
Antanas Gustaitis' Aviation Institute	AISVA16409	Air Traffic Control Theory	Integrated	Spring	6
Antanas Gustaitis' Aviation Institute	AIAIA17003	Aircraft Electronic Navigation Systems 2	Integrated	Spring	6
Antanas Gustaitis' Aviation Institute	AIAIA19402	Aircraft general knowledge: airframe	Integrated	Spring	6
Antanas Gustaitis' Aviation Institute	AIAIA17016	Aircraft general knowledge: electronic	Integrated	Spring	3
Antanas Gustaitis' Aviation Institute	AIAIA17017	Aircraft general knowledge: instruments	Integrated	Spring	3
Antanas Gustaitis' Aviation Institute	AIAIA19401	Aircraft general knowledge: systems	Integrated	Spring	6
Antanas Gustaitis' Aviation Institute	AIAIA17022	Airports and their light signal systems	Integrated	Spring	3
Antanas Gustaitis' Aviation Institute	AISVA16812	Approach Radar Control Service	Integrated	Spring	6
Antanas Gustaitis' Aviation Institute	AISVA15808	Aviation and Flight Safety	Integrated	Spring	6
Antanas Gustaitis' Aviation Institute	AISVA16403	Aviation English 2: Rules of Radiotelephony	Integrated	Spring	3
Antanas Gustaitis' Aviation Institute	AISVA16602	Aviation English 4	Integrated	Spring	3
Antanas Gustaitis' Aviation Institute	AISVA11816	Aviation English 6	Integrated	Spring	5
Antanas Gustaitis' Aviation Institute	AISVA16402	Fundamentals of Flight	Integrated	Spring	3
Antanas Gustaitis' Aviation Institute	AIAIA17114	General information about the aircraft: airframe	Integrated	Spring	6
Antanas Gustaitis' Aviation Institute	AISVA19401	General Navigation	Integrated	Spring	6
Antanas Gustaitis' Aviation Institute	AISVA15811	Integrated Course Project	Integrated	Spring	5
Antanas Gustaitis' Aviation Institute	AISVA19602	Mass and Balance	Integrated	Spring	6
Antanas Gustaitis' Aviation Institute	AISVA16601	Meteorology	Integrated	Spring	9(3)
Antanas Gustaitis' Aviation Institute	AIAIA17023	Electronic Flight Instrument Systems	Integrated	Spring	6
Architecture	ARPGA17017	Aesthetics of Architecture (3rd year course)	Integrated	Spring	3
Architecture	ARURA16006	Architecture and Heritage (4th year course)	Integrated	Autumn	15
Architecture	ARARA17005	Architecture and technology (2nd year course)	Integrated	Spring	15
Architecture	ARPGA17023	Basics of Building Information Modeling (2nd year course)	Integrated	Spring	3
Architecture	ARPGA17005	Contemporary art project and architecture (2nd year course)	Integrated	Spring	3
Architecture	ARPGA17003	Drawing 2 (1st year course)	Integrated	Spring	6
Architecture	ARPGA17012	History and Composition of Lithuanian Architecture (2nd year course)	Integrated	Spring	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Architecture	ARPGA17010	History of Architecture 1 (1st year course)	Integrated	Spring	3
Architecture	ARPGA17015	History of Urban Form and Composition (3rd year course)	Integrated	Spring	6
Architecture	ARPGA17021	Interdisciplinary Research (4th year course)	Integrated	Spring	3
Architecture	ARPGA07020	Modern Architectural Theory (4th year course)	Integrated	Spring	3
Architecture	ARARA16003	Practice of Architectural measurements (1st year course)	Integrated	Spring	3
Architecture	ARPGA17024	Protection of Immovable Cultural Heritage (4th year course)	Integrated	Spring	6
Architecture	ARPGA17016	Psychology and Ethics in Architecture (3rd year course)	Integrated	Spring	3
Architecture	ARPGA17025	Theory of City Culture and Architectural Criticism (4th year course)	Integrated	Spring	6
Architecture	ARPGA17019	Theories of Place and Space Perception (4th year course)	Integrated	Spring	3
Architecture	ARURA17003	Urban Structures (3rd year course)	Integrated	Spring	15
Architecture	ARURA16007	Visual Identity of Town (4th year course)	Integrated	Spring	3
Business Management	VVFRB16403	Accounting and Auditing	Bachelor	Spring	6
Business Management	VVFRB16827	Banking	Bachelor	Spring	3
Business Management	VVFRB18803	Behavioral Finance	Bachelor	Spring	6
Business Management	VVVKB17808	Business Communication	Bachelor	Spring	3
Business Management	VVTEB16204	Business Law	Bachelor	Spring	6
Business Management	VVTEB16403	Business Law	Bachelor	Spring	3
Business Management	VVTVB17272	Business Projects (with course work)	Bachelor	Spring	6
Business Management	VVFRB16401	Corporate Financial Management	Bachelor	Spring	6
Business Management	VVFRB16404	Course Project of Accounting and Auditing	Bachelor	Spring	3
Business Management	VVFRB16607	Course Project of Financial Analysis	Bachelor	Spring	3
Business Management	VVEIB17279	Course Project of Quantitative Modeling Methods	Bachelor	Spring	3
Business Management	VVEIB17779	Course Project of Quantitative Modeling Methods	Bachelor	Spring	3
Business Management	VVEIB17201	Economics of Public Sector (with course work)	Bachelor	Spring	6
Business Management	VVTVB17184	Engineering Principles	Bachelor	Spring	3
Business Management	VVTVB17087	Entrepreneurship (with course work)	Bachelor	Spring	6
Business Management	VVFRB17201	Essentials of Financial Decisions	Bachelor	Spring	3
Business Management	VVEIB17035	EU Economic Policy	Bachelor	Spring	3

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Business Management	<u>VVFRB16608</u>	Financial Analysis	Bachelor	Spring	6
Business Management	<u>VVFRB16606</u>	Financial Markets and Institutions	Bachelor	Spring	3
Business Management	<u>VVFRB18802</u>	Financial Risk Management	Bachelor	Spring	3
Business Management	<u>VVVKB17806</u>	Human Resources Management	Bachelor	Spring	3
Business Management	<u>VVTVB17163</u>	Information Management Systems	Bachelor	Spring	3
Business Management	<u>VVTVB17011</u>	Innovation Management (with course work)	Bachelor	Spring	6
Business Management	<u>VVFRB16610</u>	Insurance Finance	Bachelor	Spring	3
Business Management	<u>VVVKB17029</u>	Intercultural Communication	Bachelor	Spring	3
Business Management	<u>VVEIB17031</u>	International Economics	Bachelor	Spring	3
Business Management	<u>VVFRB17603</u>	International Finance	Bachelor	Spring	3
Business Management	<u>VVFRB16611</u>	International Finance (with course work)	Bachelor	Spring	6
Business Management	<u>VVTVB17173</u>	Logistics	Bachelor	Spring	6
Business Management	<u>VVEIB17191</u>	Macroeconomics	Bachelor	Spring	6
Business Management	<u>VVVKB17157</u>	Management	Bachelor	Spring	3
Business Management	<u>VVVKB17041</u>	Marketing Management	Bachelor	Spring	3
Business Management	<u>VVVKB17042</u>	Marketing Management Complex Project	Bachelor	Spring	6
Business Management	<u>VVEIB17801</u>	Microeconomics	Bachelor	Spring	6
Business Management	<u>VVFRB16601</u>	Pricing	Bachelor	Spring	6
Business Management	<u>FMSAB16206</u>	Probability Theory and Mathematical Statistics	Bachelor	Spring	9
Business Management	<u>FMSAB16218</u>	Programming Python	Bachelor	Spring	6
Business Management	<u>VVVKB17028</u>	Protocol and Etiquette	Bachelor	Spring	3
Business Management	<u>VVEIB17280</u>	Quantitative Modeling Methods	Bachelor	Spring	6
Business Management	<u>VVEIB17780</u>	Quantitative Modeling Methods	Bachelor	Spring	6
Business Management	<u>VVEIB17027</u>	Regional economics II: China	Bachelor	Spring	3
Business Management	<u>VVEIB17029</u>	Regional Economics II: Nordic Countries	Bachelor	Spring	3
Business Management	<u>VVEIB17028</u>	Regional Economics II: Russian and other CIS countries	Bachelor	Spring	3
Business Management	<u>VVFRB16613</u>	Risk Management	Bachelor	Spring	3
Business Management	<u>KIFSB17207</u>	Sociology	Bachelor	Spring	3

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Business Management	<u>VVFRB16609</u>	Valuation of Financial Instruments	Bachelor	Spring	3
Business Management	<u>VVEIM18410</u>	Engineering of Economic Solutions (with course project)	Master	Spring	9
Business Management	<u>VVEIM18405</u>	Advanced Economics	Master	Spring	6
Business Management	<u>VVFRM17205</u>	Anatomy and Management of Sustainable Development	Master	Spring	6
Business Management	<u>VVEIM18404</u>	Economic Behavior	Master	Spring	6
Business Management	<u>VVFRM17204</u>	Financial Engineering	Master	Spring	6
Business Management	<u>VVVKM17056</u>	International Management (with course project)	Master	Spring	9
Business Management	<u>VVFRM17206</u>	Investing Psychology	Master	Spring	6
Business Management	<u>FMISM18201</u>	IT Security Management	Master	Spring	6
Business Management	<u>VVFRM17220</u>	Management of Financial Investment (with course project)	Master	Spring	9
Business Management	<u>VVFRM18201</u>	Management of Financial Investment (with course project)	Master	Spring	9
Business Management	<u>VVTVM17152</u>	Managerial Information Technologies	Master	Spring	6
Business Management	<u>VVVKM17100</u>	Theory of Organization	Master	Spring	6
Civil Engineering	<u>STMEB17040</u>	Aluminium Structures	Bachelor	Spring	3
Civil Engineering	<u>STGGB17268</u>	Applied Physics	Bachelor	Spring	6
Civil Engineering	<u>STGGB17030</u>	Basis of structural design	Bachelor	Spring	3
Civil Engineering	<u>STVNB17311</u>	Building Construction Technology and Organization	Bachelor	Spring	3
Civil Engineering	<u>STGGB17173</u>	Engineering Geology	Bachelor	Spring	3
Civil Engineering	<u>STGGB17195</u>	Foundation Engineering (with course project)	Bachelor	Spring	6
Civil Engineering	<u>STGSB17062</u>	Human's Safety and Environmental Protection	Bachelor	Spring	3
Civil Engineering	<u>STMEB17032</u>	Integrated Project (Steel Structures 2; Building Construction Technology and Organization)	Bachelor	Spring	6
Civil Engineering	<u>STGSB17174</u>	Materials Science and Building Materials	Bachelor	Spring	6
Civil Engineering	<u>STTMB17053</u>	Mechanics of materials	Bachelor	Spring	6
Civil Engineering	<u>STGGB17053</u>	Multi-storey Buildings	Bachelor	Spring	3
Civil Engineering	<u>STTMB17105</u>	Numerical analysis of structures - BIM 2	Bachelor	Spring	3
Civil Engineering	<u>STGGB17037</u>	Reinforced Concrete Structures 2	Bachelor	Spring	6
Civil Engineering	<u>STGGB17038</u>	Reinforced Concrete Structures 2 (Course project)	Bachelor	Spring	3

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Civil Engineering	STMEB17031	Steel Structures 2	Bachelor	Spring	6
Civil Engineering	STVNB17303	Technology of construction processes	Bachelor	Spring	6
Civil Engineering	STMEM17148	Computer Aided Design of Bridges and Special Structures (BIM) (with course project)	Master	Spring	9
Civil Engineering	STGGM17124	Durability and Probability Analysis of Building Structures	Master	Spring	6
Civil Engineering	STTMM17132	Mechanics of Continual Structures	Master	Spring	6
Civil Engineering	STMEM17150	Structures for Composite Steel and Concrete Buildings	Master	Spring	6
Creative Industries	KIKOB17076	Basics of Advertising (with course work)	Bachelor	Spring	6
Creative Industries	KIKOB17077	Complex project	Bachelor	Spring	9
Creative Industries	KIFSB17157	Cultural Narratives	Bachelor	Spring	3
Creative Industries	KIUSB17152	English Language	Bachelor	Spring	3
Creative Industries	KIKOB17075	Innovation Management	Bachelor	Spring	6
Creative Industries	KILSB18002	Lithuanian Language 2 (for Foreign Students)	Bachelor	Spring	3
Creative Industries	KIUSB17116	Speciality English Language (Civil Engineering, Architectural Engineering, Construction Technology and Management)	Bachelor	Spring	3
Creative Industries	KIUSB17185	Speciality English Language (Electronics)	Bachelor	Spring	3
Creative Industries	KIUSB17119	Speciality English Language (Environmental Engineering)	Bachelor	Spring	3
Creative Industries	KIUSB17123	Speciality English Language (Fundamental Sciences)	Bachelor	Spring	3
Creative Industries	KIUSB17188	Speciality English Language (Mechanics)	Bachelor	Spring	3
Creative Industries	KIUSB17129	Speciality English Language 1 (Business Management)	Bachelor	Spring	3
Creative Industries	KIUSB17146	Speciality English Language 2 (Business Management)	Bachelor	Spring	3
Creative Industries	KIUSA17005	Speciality English Language (Architecture)	Integrated	Spring	3
Creative Industries	KIUSB17148	Speciality English Language (Business Management)	Integrated	Spring	3
Creative Industries	KIUSB17190	Speciality English Language (Mechanics)	Integrated	Spring	3
Creative Industries	KIUSB93103	German for Beginners	Integrated	Spring	3
Electronics	ELKRB16723	Bachelor Graduation Thesis 1 (<i>prior agreement needed</i>)	Bachelor	Spring	3
Electronics	ELKRB16825	Bachelor Graduation Thesis 2 (<i>prior agreement needed</i>)	Bachelor	Spring	6
Electronics	ELKRB16826	Bachelor Graduation Thesis 3 (<i>prior agreement needed</i>)	Bachelor	Spring	6
Electronics	ELESB16403	Computer Architecture	Bachelor	Spring	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Electronics	<u>ELKRB16404</u>	Computer Engineering Practicum	Bachelor	Spring	3
Electronics	<u>ELKRB16201</u>	Computer Logic	Bachelor	Spring	3
Electronics	<u>ELESB16604</u>	Computer Networks	Bachelor	Spring	6
Electronics	<u>ELKRB16629</u>	Computer Peripherals (<i>prior agreement needed - limited number of students accepted</i>)	Bachelor	Spring	3
Electronics	<u>ELEIB16804</u>	Control of Technical Systems	Bachelor	Spring	6
Electronics	<u>ELKRB16202</u>	Databases	Bachelor	Spring	3
Electronics	<u>ELKRB16618</u>	Development of Embedded Computers (<i>prior agreement needed - limited number of students accepted</i>)	Bachelor	Spring	6
Electronics	<u>ELESB16603</u>	Digital Signal Processing	Bachelor	Spring	6
Electronics	<u>ELEIB16403</u>	Electrical Engineering	Bachelor	Spring	3
Electronics	<u>ELEIB16251</u>	Electrical Engineering	Bachelor	Spring	6
Electronics	<u>ELESB16401</u>	Electronic Devices	Bachelor	Spring	3
Electronics	<u>ELEIB16201</u>	Electronics and Electrical Engineering	Bachelor	Spring	3
Electronics	<u>ELEIB16651</u>	Human Safety	Bachelor	Spring	3
Electronics	<u>ELESB16405</u>	Informatics Practicum	Bachelor	Spring	3
Electronics	<u>ELESB16409</u>	Information Systems Analysis	Bachelor	Spring	6
Electronics	<u>ELKRB16822</u>	Internet Technologies	Bachelor	Spring	3
Electronics	<u>ELESB16612</u>	Microcontrollers Systems	Bachelor	Spring	6
Electronics	<u>ELKRB16612</u>	Microprocessors	Bachelor	Spring	6
Electronics	<u>ELKRB16630</u>	Microprocessors and Their Programming	Bachelor	Spring	3
Electronics	<u>ELKRB16823</u>	Microtechnologies	Bachelor	Spring	3
Electronics	<u>ELKRB16613</u>	Microwave Technology	Bachelor	Spring	3
Electronics	<u>ELESB16801</u>	Multimedia Systems	Bachelor	Spring	3
Electronics	<u>ELESB16805</u>	Network Programming	Bachelor	Spring	3
Electronics	<u>ELESB16402</u>	Signals and Circuits 1	Bachelor	Spring	6
Electronics	<u>ELEIB16206</u>	Smart Electrical and Electronics Systems of Buildings	Bachelor	Spring	3
Electronics	<u>ELEIM17201</u>	Control of Electrical Energy Systems	Master	Spring	6
Electronics	<u>ELEIM17204</u>	Electronic Converters (with Course Project)	Master	Spring	9

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Electronics	ELEIM17400	Master Graduation Thesis (<i>prior agreement needed</i>)	Master	Spring	30
Electronics	ELEIM17256	Modern Electric Drives	Master	Spring	6
Electronics	ELEIM17203	Modern Electrical Engineering	Master	Spring	6
Environmental Engineering	APPEB16821	Bachelor Graduation Thesis 2 (Energy Supply Systems)	Bachelor	Spring	6
Environmental Engineering	APPEB16822	Bachelor Graduation Thesis 2 (Indoor Climate Systems)	Bachelor	Spring	6
Environmental Engineering	APPEB16823	Bachelor Graduation Thesis 3 (Energy Supply Systems)	Bachelor	Spring	6
Environmental Engineering	APPEB16824	Bachelor Graduation Thesis 3 (Indoor Climate Systems)	Bachelor	Spring	6
Environmental Engineering	APGDB16052	Engineering Geodesy	Bachelor	Spring	3
Environmental Engineering	APGDB11047	Geoinformation Systems	Bachelor	Spring	3
Environmental Engineering	APPEB16404	Heat and Mass Transfer	Bachelor	Spring	6
Environmental Engineering	APPEB16612	Heat Production	Bachelor	Spring	6
Environmental Engineering	STGSB17037	Human's Safety	Bachelor	Spring	3
Environmental Engineering	APPEB16407	Indoor Climate (with course project)	Bachelor	Spring	6
Environmental Engineering	APGDB16065	Practice of Engineering Geodesy	Bachelor	Spring	3
Environmental Engineering	APAVB17208	Water supply and sewerage of the buildings	Bachelor	Spring	3
Environmental Engineering	APAVM17144	Environmental Audit	Master	Spring	3
Environmental Engineering	APAVM17140	Environmental Management (with course project)	Master	Spring	9
Environmental Engineering	APAVM17128	Environmental Politics, Law and Economics (with course project)	Master	Spring	6
Environmental Engineering	APGDM17040	Geodetic Laser Scanning Technologies (with course project)	Master	Spring	6
Environmental Engineering	APGDM17044	Geoinformation Systems Technology	Master	Spring	6
Environmental Engineering	APAVM17143	Life Cycle Assessment	Master	Spring	3
Environmental Engineering	APGDM17043	Real Estate Cadastre	Master	Spring	6
Environmental Engineering	APGDM17041	Remote Sensing Methods	Master	Spring	6
Environmental Engineering	APAVM17265	Scientific Researches and Innovations	Master	Spring	3
Environmental Engineering	APAVM17141	Waste Management (with course work)	Master	Spring	9
Fundamental Sciences	FMFIB16214	Applied Physics	Bachelor	Spring	6
Fundamental Sciences	FMFIB16216	Applied Physics	Bachelor	Spring	3
Fundamental Sciences	FMISB16602	Artificial Intelligence and Knowledge Systems	Bachelor	Spring	3

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Fundamental Sciences	FMCHB16202	Chemistry	Bachelor	Spring	3
Fundamental Sciences	FMITB16805	Complex Project	Bachelor	Spring	6
Fundamental Sciences	FMITB16811	Corporate Systems Architecture	Bachelor	Spring	3
Fundamental Sciences	FMITB16809	Database Programming	Bachelor	Spring	3
Fundamental Sciences	FMMMB16202	Discrete Mathematics 2	Bachelor	Spring	6
Fundamental Sciences	FMITB16605	Fundamentals of Business Process Management	Bachelor	Spring	6
Fundamental Sciences	FMIGB17001	General and Applied Engineering Graphics	Bachelor	Spring	6
Fundamental Sciences	FMIGB16203	General Engineering and Digital Graphics	Bachelor	Spring	6
Fundamental Sciences	FMIGB16003	General Engineering Graphics	Bachelor	Spring	6
Fundamental Sciences	FMIGB16202	General Engineering Graphics	Bachelor	Spring	3
Fundamental Sciences	FMISB16000	Information Security Fundamentals	Bachelor	Spring	3
Fundamental Sciences	FMSAB16202	Integral Calculus	Bachelor	Spring	6
Fundamental Sciences	FMSAB16209	Integral Calculus	Bachelor	Spring	6
Fundamental Sciences	FMMMB16201	Integral Calculus	Bachelor	Spring	6
Fundamental Sciences	FMMMB16210	Integrals, differential equations and series	Bachelor	Spring	6
Fundamental Sciences	FMITB16604	Management of Database 2 (with course project)	Bachelor	Spring	6
Fundamental Sciences	FMMMB16211	Mathematics 2	Bachelor	Spring	6
Fundamental Sciences	FMITB16101	Operating Systems	Bachelor	Spring	6
Fundamental Sciences	FMFIB16229	Physics 2	Bachelor	Spring	3
Fundamental Sciences	FMISB16406	Software Systems Engineering	Bachelor	Spring	6
Fundamental Sciences	FMISM17201	Computer Networks and Operating Safety	Master	Spring	9
Fundamental Sciences	FMISM17205	Programs Safety	Master	Spring	6
Fundamental Sciences	FMISM17203	Security Checks and Ethical Hacking Techniques (with course work)	Master	Spring	6
Mechanics	MERSB17014	Bachelor Graduation Thesis 2	Bachelor	Spring	5
Mechanics	MEMKB17236	Bachelor Graduation Thesis 2	Bachelor	Spring	6
Mechanics	MERSB17015	Bachelor Graduation Thesis 3	Bachelor	Spring	10
Mechanics	MEMKB17237	Bachelor Graduation Thesis 3	Bachelor	Spring	9
Mechanics	MERSB17112	CAD/CAM/CAE	Bachelor	Spring	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Mechanics	MERSB17107	Cognitive Practice	Bachelor	Spring	3
Mechanics	MEMKB18604	Course Project of Computer-Aided Design of Manufacturing Technologies	Bachelor	Spring	3
Mechanics	MEMKB17166	Design of Machines and Instruments 1	Bachelor	Spring	3
Mechanics	MERSB17120	Design of Mechatronic and Robotic Systems (with course project)	Bachelor	Spring	6
Mechanics	MEMKB17168	Ecological Design	Bachelor	Spring	6
Mechanics	MERSB17109	Elements of Mechatronics	Bachelor	Spring	3
Mechanics	STTMB17042	Engineering Mechanics	Bachelor	Spring	6
Mechanics	MEMKB17239	Equipment Assembly Technologies	Bachelor	Spring	3
Mechanics	MEMKB17214	Joining Technologies	Bachelor	Spring	3
Mechanics	MERSB17401	Machine Elements (with course project)	Bachelor	Spring	6
Mechanics	MEMKB17379	Materials science 1	Bachelor	Spring	3
Mechanics	MEMKB17151	Mechanical, Laser and Another Manufacturing Technologies	Bachelor	Spring	3
Mechanics	STTMB17055	Mechanics of Materials	Bachelor	Spring	6
Mechanics	STTMB17058	Mechanics of Materials 2	Bachelor	Spring	6
Mechanics	MERSB17113	Mechatronic Systems 2	Bachelor	Spring	6
Mechanics	MEMKB18605	Numerical Design of Manufacturing Technologies	Bachelor	Spring	6
Mechanics	MEMKB17165	Production Technology of Machines and Instruments	Bachelor	Spring	3
Mechanics	MERSB17121	Quality and Certification in the Automated Industry	Bachelor	Spring	6
Mechanics	MEMKB17167	Quality Management	Bachelor	Spring	3
Mechanics	MERSB17114	Robotical Technology	Bachelor	Spring	6
Mechanics	MEMKB17156	Theory and Practice of Measurements (with course project)	Bachelor	Spring	6
Mechanics	MEMKB17238	Tribology	Bachelor	Spring	3
Mechanics	MERSM17162	Control of Mechatronic Systems	Master	Spring	6
Mechanics	MEMKM17350	Design of Mechanical Systems (with course project)	Master	Spring	12
Mechanics	MERSM17163	Diagnostics in Mechatronics	Master	Spring	6
Mechanics	MEMKM17351	Engineering Ecology	Master	Spring	3
Mechanics	MEMKM17347	Experimental Mechanics	Master	Spring	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Mechanics	MEMKM18201	Industrial Organisation and Strategic Management	Master	Spring	6
Mechanics	MEMKM17357	Innovation Strategy and Tactics	Master	Spring	6
Mechanics	MEMKM17358	Manufacturing Simulation and Industrial Production Systems	Master	Spring	6
Mechanics	MEMKM17352	Marketing of Innovative Products and Investment Management (with course work)	Master	Spring	9
Mechanics	MEMKM17374	Master Graduation Thesis 4	Master	Spring	30
Mechanics	MERSM17164	Master Graduation Thesis 2	Master	Spring	3
Mechanics	MEMKM17360	Master Graduation Thesis 2	Master	Spring	3
Mechanics	MEMKM17375	Master Graduation Thesis 4	Master	Spring	30
Mechanics	MERSM17176	Master Graduation Thesis 4	Master	Spring	30
Mechanics	MERSM17166	Modelling of Mechatronic Systems	Master	Spring	9
Mechanics	MERSM17165	Sensors in Mechatronics	Master	Spring	6
Mechanics	MEMKM17346	Theory of Engineering Experiment (with course work)	Master	Spring	6
Transport Engineering	TIAIB17053	Automotive Theory	Bachelor	Spring	6
Transport Engineering	TIAIB17054	Automotive Theory (course work)	Bachelor	Spring	3
Transport Engineering	TILTB16608	Basics of Logistics	Bachelor	Spring	6
Transport Engineering	TIMGB17119	Design Fundamentals	Bachelor	Spring	3
Transport Engineering	TIMGB17122	Diagnostic Methods of the Technological Equipment	Bachelor	Spring	3
Transport Engineering	TIAIB17035	Introductory Practice	Bachelor	Spring	3
Transport Engineering	TIAIB17036	Structural and Exploitational Materials of Road Vehicles	Bachelor	Spring	6
Transport Engineering	TIMGB17031	Technologies of Vehicle Production and Repair	Bachelor	Spring	3
Transport Engineering	TIMGB17120	The Elements of Transport System	Bachelor	Spring	3
Transport Engineering	TILTB16717	Transport Management (organization) (with course work)	Bachelor	Spring	6
Transport Engineering	TIAIB17058	Vehicles Design	Bachelor	Spring	6
Transport Engineering	TIAIM17106	Researches of Internal Combustion Engines	Master	Spring	6
Transport Engineering	TIAIM17105	Road Vehicle Safety (with course project)	Master	Spring	9