

VILNIUS GEDIMINAS TECHNICAL UNIVERSITY

LIST OF COURSES OFFERED IN ENGLISH

2020/2021 ACADEMIC YEAR



 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	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	AIAIA17108	Aircraft General Knowledge: pover plant	Integrated	Autumn	3
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	AISVA19504	Flight Procedures	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
Architecture	ARPGA17014	Architectural Workshop	Integrated	Autumn	3
Architecture	ARARA16008	Architectural Workshop	Integrated	Autumn	3
Architecture	ARPGA17022	Architecture and Communication	Integrated	Autumn	3
Architecture	ARURA16001	Architecture and Community	Integrated	Autumn	15
Architecture	ARARA19701	Architecture and Contexts	Integrated	Autumn	15
Architecture	ARURA19004	Architecture and Contexts	Integrated	Autumn	15
Architecture	ARARA17011	Architecture and Innovation	Integrated	Autumn	15
Architecture	ARURA16008	Architecture and Innovations	Integrated	Autumn	15
Architecture	ARARA17006	Architecture and Society	Integrated	Autumn	15

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Architecture	<u>ARPGA17006</u>	Architecture and visual art in the expanded field	Integrated	Autumn	3
Architecture	<u>ARARA16013</u>	Contemporary artistic expression in architecture	Integrated	Autumn	3
Architecture	<u>ARPGA17002</u>	Drawing 1	Integrated	Autumn	6
Architecture	<u>ARPGA17011</u>	History of Architecture 2	Integrated	Autumn	3
Architecture	<u>ARPGA17013</u>	Modern and Contemporary Architecture	Integrated	Autumn	3
Architecture	<u>ARARA16015</u>	Practice of Building Typology	Integrated	Autumn	3
Architecture	<u>ARARA16004</u>	Scale in Architecture	Integrated	Autumn	3
Architecture	<u>ARPGA17004</u>	Sculpture and painting backgrounds	Integrated	Autumn	3
Architecture	<u>ARARA16007</u>	Tectonics in Architecture	Integrated	Autumn	3
Architecture	<u>ARARA16001</u>	Typology of Buildings	Integrated	Autumn	3
Architecture	<u>ARURA16002</u>	Urban Design Workshop	Integrated	Autumn	3
Business Management	<u>VVFRB16301</u>	Accounting (with course work)	Bachelor	Autumn	6
Business Management	<u>VVTVB19101</u>	Business Fundamentals	Bachelor	Autumn	3
Business Management	<u>VVEIB17112</u>	Comparative Economics	Bachelor	Autumn	3
Business Management	<u>VVTEB16301</u>	Contract Law	Bachelor	Autumn	3
Business Management	<u>VVVKB17034</u>	Digital Marketing	Bachelor	Autumn	6
Business Management	<u>VVTVB17182</u>	E-business	Bachelor	Autumn	3
Business Management	<u>VVEIB17161</u>	Economics of Human Resource	Bachelor	Autumn	3
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>VVTVB17072</u>	Course Project of Enterprise Organization and Management	Bachelor	Autumn	3
Business Management	<u>VVFRB18101</u>	Evolution and Principles of Finance	Bachelor	Autumn	3
Business Management	<u>VVTEB16502</u>	Financial Law	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>VVTEB16702</u>	Informatics Law	Bachelor	Autumn	3

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Business Management	<u>VVFRB18504</u>	Investment Project (complex project)	Bachelor	Autumn	6
Business Management	<u>VVTEB16112</u>	Law	Bachelor	Autumn	3
Business Management	<u>VVTEB18100</u>	Law	Bachelor	Autumn	3
Business Management	<u>VVEIB17191</u>	Macroeconomics	Bachelor	Autumn	6
Business Management	<u>VVVKA17224</u>	Management	Bachelor	Autumn	3
Business Management	<u>VVVKB17170</u>	Management	Bachelor	Autumn	3
Business Management	<u>VVVKB17164</u>	Management	Bachelor	Autumn	3
Business Management	<u>VVFRB16504</u>	Management Accounting	Bachelor	Autumn	6
Business Management	<u>VVVKB17033</u>	Marketing	Bachelor	Autumn	6
Business Management	<u>VVVKB17031</u>	Marketing	Bachelor	Autumn	3
Business Management	<u>VVVKB17038</u>	Marketing Research	Bachelor	Autumn	6
Business Management	<u>VVVKB17039</u>	Course Project of Marketing Research	Bachelor	Autumn	3
Business Management	<u>VVEIB17117</u>	Microeconomics	Bachelor	Autumn	6
Business Management	<u>VVFRB17704</u>	Personal Finance	Bachelor	Autumn	3
Business Management	<u>VVEIB20101</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>VVEIB20301</u>	Quantitative Modelling Methods	Bachelor	Autumn	6
Business Management	<u>VVEIB17279</u>	Course Project of Quantitative Modelling Methods	Bachelor	Autumn	3
Business Management	<u>VVEIB17026</u>	Regional Economics I: Nordic 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>VVTEA16402</u>	Architectural Law	Integrated	Autumn	3
Business Management	<u>VVVKA17133</u>	Management	Integrated	Autumn	3
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

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Business Management	<u>VVVKM17060</u>	International Marketing and Communication (with course project)	Master	Autumn	6
Business Management	<u>VVEIM17401</u>	Methodology of Scientific Research	Master	Autumn	6
Business Management	<u>VVEIM17108</u>	Quantitative and Expert Solution Methods	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
Civil Engineering	<u>STGGB17272</u>	Building Architecture and Structures (course work)	Bachelor	Autumn	3
Civil Engineering	<u>STVNB17063</u>	Construction Economics	Bachelor	Autumn	3
Civil Engineering	<u>STGGB17049</u>	Design and Numerical Modeling of Reinforced Concrete Structures - BIM 3	Bachelor	Autumn	3
Civil Engineering	<u>STTMB17107</u>	Dynamics and Stability of Buildings	Bachelor	Autumn	3
Civil Engineering	<u>STGGB17187</u>	Engineering	Bachelor	Autumn	3
Civil Engineering	<u>STTMB18142</u>	Engineering Mechanics 1	Bachelor	Autumn	6
Civil Engineering	<u>STGSB17038</u>	Human's Safety	Bachelor	Autumn	3
Civil Engineering	<u>STTMB17047</u>	Integral Mechanics	Bachelor	Autumn	6
Civil Engineering	<u>STGGB17032</u>	Integrated Project (Reinforced Concrete Structures 1; Steel Structures 1; Building Services)	Bachelor	Autumn	6
Civil Engineering	<u>STGGB17026</u>	Introduction to Specialty	Bachelor	Autumn	3
Civil Engineering	<u>STGGB17048</u>	Masonry and Composite Structures	Bachelor	Autumn	3
Civil Engineering	<u>STGSB17169</u>	Materials Science and Building Materials	Bachelor	Autumn	3
Civil Engineering	<u>STTMB17046</u>	Mechanics of Materials	Bachelor	Autumn	6
Civil Engineering	<u>STTMB17049</u>	Mechanics of Materials 1	Bachelor	Autumn	3
Civil Engineering	<u>STMEB17019</u>	Numerical Modeling and Design of Steel Buildings	Bachelor	Autumn	5
Civil Engineering	<u>STGGB17031</u>	Reinforced Concrete Structures 1	Bachelor	Autumn	6
Civil Engineering	<u>STGGB17175</u>	Soil Mechanics	Bachelor	Autumn	6
Civil Engineering	<u>STMEB17022</u>	Steel Structures 1	Bachelor	Autumn	6
Civil Engineering	<u>STTMB17103</u>	Structural Mechanics and Fundamentals of Elasticity Theory	Bachelor	Autumn	6
Civil Engineering	<u>STMEB17010</u>	Timber Structures	Bachelor	Autumn	4
Civil Engineering	<u>STMEB17037</u>	Timber Structures	Bachelor	Autumn	3

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Civil Engineering	<u>STTMA17004</u>	Mechanics of Materials	Integrated	Autumn	6
Civil Engineering	<u>STTMM17136</u>	Continuum Mechanics	Master	Autumn	9
Civil Engineering	<u>STGGM17137</u>	Design of Precast and Prestressed Reinforced Concrete Structures	Master	Autumn	9
Civil Engineering	<u>STGSM17122</u>	Fundamentals of Research and Innovation	Master	Autumn	3
Civil Engineering	<u>STGGM17140</u>	Influence of Preserve Actions on Reinforced Concrete Structures	Master	Autumn	6
Civil Engineering	<u>STGGM17115</u>	Modelling and Computer Analysis of Structure (with course project)	Master	Autumn	9
Civil Engineering	<u>STMEM17071</u>	Nonlinear Analysis and Design of Steel Structures	Master	Autumn	6
Civil Engineering	<u>STGGM17136</u>	Non-Linear Mechanics of Reinforced Concrete	Master	Autumn	6
Civil Engineering	<u>STGGM17125</u>	Reinforced Concrete Building Design Special Effects	Master	Autumn	6
Civil Engineering	<u>STGGM17117</u>	Reinforced Concrete Thin-Walled Spatial Structures	Master	Autumn	9
Civil Engineering	<u>STMEM17116</u>	Steel-concrete Composite Bridge (with course work)	Master	Autumn	6
Creative Industries	<u>KIKOB18601</u>	Advertising (with course work)	Bachelor	Autumn	6
Creative Industries	<u>KIKOB17050</u>	Business Communication	Bachelor	Autumn	6
Creative Industries	<u>KIKOB17077</u>	Complex project	Bachelor	Autumn	9
Creative Industries	<u>KIKOB17069</u>	Creative Industries Studies (with course work)	Bachelor	Autumn	6
Creative Industries	<u>KIKOB17052</u>	Entrepreneurship fundamentals for creative industries	Bachelor	Autumn	6
Creative Industries	<u>KIFSB17128</u>	Ethics	Bachelor	Autumn	3
Creative Industries	<u>KIFSB17126</u>	Ethics	Bachelor	Autumn	3
Creative Industries	<u>KIKOB20105</u>	Innovation Management	Bachelor	Autumn	6
Creative Industries	<u>KIKOB20101</u>	Introduction to Studies	Bachelor	Autumn	3
Creative Industries	<u>KIKOB18501</u>	Journalism and content strategy	Bachelor	Autumn	6
Creative Industries	<u>KIFSB17127</u>	Logic	Bachelor	Autumn	3
Creative Industries	<u>KIFSA17006</u>	Logic	Integrated	Autumn	3
Creative Industries	<u>KIKOB18202</u>	Mass Communication (with course work)	Bachelor	Autumn	6
Creative Industries	<u>KIFSB18301</u>	Media Ethics	Bachelor	Autumn	3
Creative Industries	<u>KIFSB17143</u>	Media Ethics	Bachelor	Autumn	3
Creative Industries	<u>KIKOB17054</u>	Media Studies (with course work)	Bachelor	Autumn	6
Creative Industries	<u>KIPIB17070</u>	Music industry	Bachelor	Autumn	3

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Creative Industries	<u>KIFSB17109</u>	Philosophy	Bachelor	Autumn	3
Creative Industries	<u>KIFSB17108</u>	Philosophy	Bachelor	Autumn	3
Creative Industries	<u>KIFSB17107</u>	Philosophy	Bachelor	Autumn	3
Creative Industries	<u>KIFSA17003</u>	Philosophy	Integrated	Autumn	3
Creative Industries	<u>KIFSB17146</u>	Philosophy of Technology	Bachelor	Autumn	3
Creative Industries	<u>KIKOB17047</u>	Public Communication	Bachelor	Autumn	3
Creative Industries	<u>KIKOB17065</u>	Public relations	Bachelor	Autumn	6
Creative Industries	<u>KIKOB18402</u>	Qualitative Reasearch (with course work)	Bachelor	Autumn	6
Creative Industries	<u>KIKOB18301</u>	Quantitative Reasearch (with course work)	Bachelor	Autumn	6
Creative Industries	<u>KIKOB17210</u>	Sociology	Bachelor	Autumn	6
Creative Industries	<u>KIKOB18401</u>	Visual communication (with course work)	Bachelor	Autumn	6
Creative Industries/Language dep.	<u>KIUSB17179</u>	English Language	Bachelor	Autumn	3
Creative Industries/Language dep.	<u>KIUSB17101</u>	English Language	Bachelor	Autumn	3
Creative Industries/Language dep.	<u>KIUSB18101</u>	English Language	Bachelor	Autumn	3
Creative Industries/Language dep.	<u>KILSB18001</u>	Lithuanian Language 1 (for Foreign Students)	Bachelor	Autumn	3
Creative Industries/Language dep.	<u>KIUSB17098</u>	Speciality English Language 1	Bachelor	Autumn	3
Creative Industries/Language dep.	<u>KIUSB17170</u>	Speciality English Language 2	Bachelor	Autumn	3
Electronics	<u>ELESB16510</u>	Computer Architecture	Bachelor	Autumn	3
Electronics	<u>ELESB16519</u>	Computerized Measurement Systems	Bachelor	Autumn	3
Electronics	<u>ELEIB16761</u>	Digital Automatics (with course project)	Bachelor	Autumn	6
Electronics	<u>ELESB16502</u>	Digital Devices	Bachelor	Autumn	6
Electronics	<u>ELESB20722</u>	Digital Signal Processing Tools	Bachelor	Autumn	6
Electronics	<u>ELEIB16563</u>	Electric Drives	Bachelor	Autumn	3
Electronics	<u>ELEIB16503</u>	Electrical Engineering and Electronics	Bachelor	Autumn	3
Electronics	<u>ELEIB16501</u>	Electronics	Bachelor	Autumn	3
Electronics	<u>ELESB16301</u>	Fundamentals of Electronics	Bachelor	Autumn	6
Electronics	<u>ELESB16520</u>	Information Coding	Bachelor	Autumn	3

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Electronics	ELESB16102	Introduction to Informatics Engineering	Bachelor	Autumn	3
Electronics	ELEIB16351	Mechatronic Equipment	Bachelor	Autumn	6
Electronics	ELESB16504	Operating System Concepts	Bachelor	Autumn	3
Electronics	ELESB16513	Operating System Concepts	Bachelor	Autumn	6
Electronics	ELKRB20703	Programable Microsystems	Bachelor	Autumn	3
Electronics	ELESB16302	Script Programming	Bachelor	Autumn	6
Electronics	ELESB16501	Signals and Circuits 2	Bachelor	Autumn	6
Electronics	ELESB16515	Signals and Systems	Bachelor	Autumn	3
Electronics	ELESB20724	Software Design	Bachelor	Autumn	6
Electronics	ELKRB16514	The Basics of Microcontrollers	Bachelor	Autumn	6
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	ELEIM17354	Electric Drives of Mechatronic Systems	Master	Autumn	9
Electronics	ELESB17103	Fundamentals of Research and Innovations	Master	Autumn	6
Electronics	ELEIM17304	Hydropower and Biofuel	Master	Autumn	6
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	APPEB16536	Building Services	Bachelor	Autumn	3
Environmental Engineering	APPEB16508	Buildings' Heating Systems	Bachelor	Autumn	6
Environmental Engineering	APPEB93006	Engineering Thermodynamics	Bachelor	Autumn	3
Environmental Engineering	APPEB93005	Heat and Mass Transfer	Bachelor	Autumn	3
Environmental Engineering	APPEB16511	Integrated Project 1 (Building Services)	Bachelor	Autumn	9
Environmental Engineering	APPEB16716	Renewable Energy Technologies	Bachelor	Autumn	6
Environmental Engineering	APPEB16509	Ventilation	Bachelor	Autumn	6
Environmental Engineering	APAVM17131	Cleaner Production (with course project)	Master	Autumn	6

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Environmental Engineering	APAVM17263	Ecological Design	Master	Autumn	6
Environmental Engineering	APAVM20105	Environmental Politics, Law and Economics	Master	Autumn	6
Environmental Engineering	APGDM17047	Geoinformation Systems on the Internet	Master	Autumn	6
Environmental Engineering	APGDM17053	Master Graduation Thesis 3	Master	Autumn	24
Environmental Engineering	APAVM17146	Modelling of Environmental Processes (with course project)	Master	Autumn	9
Environmental Engineering	APAVM17129	Physical and Chemical Process in Environment	Master	Autumn	6
Environmental Engineering	APAVM17134	Physical Pollution and Reduction Technology (<i>only 1 optional course will be available in Environmental Engineering faculty</i>)	Master	Autumn	6
Environmental Engineering	APAVM17251	Scientific Researches and Innovations	Master	Autumn	6
Environmental Engineering	APKLM17046	Urban Infrastructure (with course project) (<i>only 1 optional course will be available in Environmental Engineering faculty</i>)	Master	Autumn	9
Fundamental Sciences	FMIGB18301	3D-CAD Design Systems	Bachelor	Autumn	6
Fundamental Sciences	FMSAB16101	Algebra and Differential Calculus	Bachelor	Autumn	6
Fundamental Sciences	FMSAB16108	Algebra and Differential Calculus	Bachelor	Autumn	6
Fundamental Sciences	FMMMB16101	Algebra and Differential Calculus	Bachelor	Autumn	6
Fundamental Sciences	FMIGB16004	Applied Engineering Graphics	Bachelor	Autumn	3
Fundamental Sciences	FMIGB16301	Applied Engineering Graphics	Bachelor	Autumn	6
Fundamental Sciences	FMISB16611	Artificial Intelligence and Knowledge Systems	Bachelor	Autumn	6
Fundamental Sciences	FMCHB16109	Chemistry	Bachelor	Autumn	6
Fundamental Sciences	FMCHB16106	Chemistry	Bachelor	Autumn	3
Fundamental Sciences	FMCHB16101	Chemistry	Bachelor	Autumn	3
Fundamental Sciences	FMCHB16102	Chemistry	Bachelor	Autumn	6
Fundamental Sciences	FMIGB16304	Computer Graphics	Bachelor	Autumn	6
Fundamental Sciences	FMMMB16102	Discrete Mathematics 1	Bachelor	Autumn	3
Fundamental Sciences	FMGSB16103	Engineering and Computer Graphics	Bachelor	Autumn	6
Fundamental Sciences	FMGSB16102	Engineering and Computer Graphics	Bachelor	Autumn	3
Fundamental Sciences	FMSAB16121	Fundamentals of Mathematical Analysis	Bachelor	Autumn	9

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Fundamental Sciences	<u>FMIGB16000</u>	General Engineering graphics	Bachelor	Autumn	6
Fundamental Sciences	<u>FMFIB16115</u>	General Physics	Bachelor	Autumn	6
Fundamental Sciences	<u>FMFIB16113</u>	General Physics	Bachelor	Autumn	3
Fundamental Sciences	<u>FMISB18100</u>	Information Technologies	Bachelor	Autumn	6
Fundamental Sciences	<u>FMISB16106</u>	Information Technologies	Bachelor	Autumn	6
Fundamental Sciences	<u>FMISB16101</u>	Information Technologies	Bachelor	Autumn	6
Fundamental Sciences	<u>FMITB16708</u>	Information Technologies Services Management 1 (with course work)	Bachelor	Autumn	6
Fundamental Sciences	<u>FMMMMB16110</u>	Linear Algebra and Differential Calculus	Bachelor	Autumn	6
Fundamental Sciences	<u>FMSAB16105</u>	Linear Algebra and Mathematical Analysis	Bachelor	Autumn	9
Fundamental Sciences	<u>FMMMMB16310</u>	Mathematical Analysis and Probability Theory	Bachelor	Autumn	6
Fundamental Sciences	<u>FMMMMB16111</u>	Mathematics 1	Bachelor	Autumn	6
Fundamental Sciences	<u>FMMMMB16311</u>	Mathematics 3	Bachelor	Autumn	6
Fundamental Sciences	<u>FMGSB16605</u>	Media Production	Bachelor	Autumn	6
Fundamental Sciences	<u>FMIGB16302</u>	Object-oriented, Parametric Modeling BIM 1	Bachelor	Autumn	3
Fundamental Sciences	<u>FMFIB19122</u>	Physics	Bachelor	Autumn	6
Fundamental Sciences	<u>FMFIB16124</u>	Physics	Bachelor	Autumn	6
Fundamental Sciences	<u>FMFIB16128</u>	Physics 1	Bachelor	Autumn	6
Fundamental Sciences	<u>FMSAB16310</u>	Probability Theory and Mathematical Statistic	Bachelor	Autumn	6
Fundamental Sciences	<u>FMSAB19310</u>	Probability Theory and Mathematical Statistic	Bachelor	Autumn	6
Fundamental Sciences	<u>FMSAB20325</u>	Probability Theory and Mathematical Statistics	Bachelor	Autumn	6
Fundamental Sciences	<u>FMMMMB16301</u>	Probability Theory and Mathematical Statistics	Bachelor	Autumn	6
Fundamental Sciences	<u>FMITB19108</u>	Procedural Programming	Bachelor	Autumn	6
Fundamental Sciences	<u>FMITB17504</u>	Programming Technologies (with course work)	Bachelor	Autumn	6
Fundamental Sciences	<u>FMITB17338</u>	Project Management	Bachelor	Autumn	6
Fundamental Sciences	<u>FMITB16702</u>	Service Oriented Architecture (with course work)	Bachelor	Autumn	6
Fundamental Sciences	<u>FMITB16709</u>	Software Testing	Bachelor	Autumn	6
Fundamental Sciences	<u>FMIGB17002</u>	Technical Drawing	Bachelor	Autumn	3

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Fundamental Sciences	<u>FMITB16720</u>	Workflow Applications	Bachelor	Autumn	3
Fundamental Sciences	<u>FMMMA16111</u>	Mathematical Models of Modern Architecture	Integrated	Autumn	3
Fundamental Sciences	<u>FMISM20302</u>	Cyber Forensics (with course work)	Master	Autumn	9
Fundamental Sciences	<u>FMISM20103</u>	Databases and Electronic Document Security	Master	Autumn	6
Fundamental Sciences	<u>FMISM20100</u>	Fundamentals of Scientific Research and Innovations	Master	Autumn	6
Fundamental Sciences	<u>FMISM20301</u>	Information Security Management	Master	Autumn	6
Fundamental Sciences	<u>FMISM20101</u>	Information Technology Security Methods	Master	Autumn	9
Fundamental Sciences	<u>FMMMM19101</u>	Numerical Methods	Master	Autumn	6
Fundamental Sciences	<u>FMISM17302</u>	Secure Programming	Master	Autumn	6
Fundamental Sciences	<u>FMISM17205</u>	Software Security	Master	Autumn	6
Mechanics	<u>MEBIB17028</u>	Automatic Control	Bachelor	Autumn	6
Mechanics	<u>MEMKB17221</u>	Bachelor Graduation Thesis 1	Bachelor	Autumn	3
Mechanics	<u>MERSB17116</u>	Bachelor Graduation Thesis 1	Bachelor	Autumn	3
Mechanics	<u>MERSB17115</u>	Career Intenship	Bachelor	Autumn	12
Mechanics	<u>MEMKB17158</u>	Cutting Processes and Tools	Bachelor	Autumn	3
Mechanics	<u>MEMKB17222</u>	Design of Machines and Instruments 2 (with course project)	Bachelor	Autumn	6
Mechanics	<u>MERSB17780</u>	Design of Mechatronic and Digital Production Systems. Complex Project	Bachelor	Autumn	6
Mechanics	<u>MEMKB17226</u>	Design of Tools and Devices (with course work)	Bachelor	Autumn	6
Mechanics	<u>MERSB17106</u>	Introduction to Mechatronics and Robotics	Bachelor	Autumn	3
Mechanics	<u>MEMKB17146</u>	Introduction to Speciality	Bachelor	Autumn	3
Mechanics	<u>MEMKB17157</u>	Machines of Energy Transformation (with course work)	Bachelor	Autumn	6
Mechanics	<u>MEMKB17378</u>	Materials Science	Bachelor	Autumn	3
Mechanics	<u>MEMKB17383</u>	Materials Science 2	Bachelor	Autumn	3
Mechanics	<u>MERSB17111</u>	Mechatronic Systems 1	Bachelor	Autumn	3
Mechanics	<u>MERSB17110</u>	Robotics	Bachelor	Autumn	6
Mechanics	<u>MEMKB17259</u>	Theory and Practice of Measurement	Bachelor	Autumn	3
Mechanics	<u>MEMKB20501</u>	Theory and Practice of Measurements (with course project)	Bachelor	Autumn	6
Mechanics	<u>MERSB17054</u>	Theory of Mechanisms and Machines (with course project)	Bachelor	Autumn	9

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Mechanics	MEMKM18303	Business Game	Master	Autumn	6
Mechanics	MEMKM17361	Diagnostic and Monitoring	Master	Autumn	6
Mechanics	MEBIM17063	Dynamics of Biomechanical Systems	Master	Autumn	12
Mechanics	MEMKM17338	Dynamics of Mechanical Systems (with course work)	Master	Autumn	12
Mechanics	MERSM17148	Experimental Practice	Master	Autumn	6
Mechanics	MERSM17156	Experimental Research of Mechatronic Systems	Master	Autumn	9
Mechanics	MERSM17153	Experimental Research of Mechatronic Systems	Master	Autumn	6
Mechanics	MEMKM17341	Fundamentals of Research and Innovation	Master	Autumn	3
Mechanics	MEMKM17336	Fundamentals of Research and Innovation	Master	Autumn	6
Mechanics	MEMKM17344	Human Resource Management and Leadership	Master	Autumn	6
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	MEMKM17345	Master Graduation Thesis 1	Master	Autumn	3
Mechanics	MEMKM17339	Master Graduation Thesis 1	Master	Autumn	3
Mechanics	MERSM17152	Master Graduation Thesis 1	Master	Autumn	3
Mechanics	MEMKM17371	Master Graduation Thesis 3	Master	Autumn	3
Mechanics	MEMKM17363	Master Graduation Thesis 3	Master	Autumn	3
Mechanics	MERSM17174	Master Graduation Thesis 3	Master	Autumn	3
Mechanics	MEBIM17064	Means and Utilization Equipment of Health-Care Wastes	Master	Autumn	6
Mechanics	MERSM17154	Mechanics of Mechatronic and Robotic Systems	Master	Autumn	6
Mechanics	MERSM17155	Mechanics of Mechatronic and Robotic Systems (with course project)	Master	Autumn	9
Mechanics	MEMKM91004	Models Development	Master	Autumn	6
Mechanics	MERSM17175	Pneumatic and Hydraulic Systems (with course project)	Master	Autumn	9
Mechanics	MEMKM18302	Products and Service Quality	Master	Autumn	6
Mechanics	MEBIM17075	Rehabilitation Engineering	Master	Autumn	9
Mechanics	MEMKM17337	Reliability of Mechanical Systems	Master	Autumn	6
Mechanics	MEMKM17365	Simulation of Mechanical Systems (with course project)	Master	Autumn	12

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Mechanics	<u>MEMKM17343</u>	Supply Chain Management and International Manufacturing	Master	Autumn	9
Mechanics	<u>MEMKM17362</u>	Theory of Flow	Master	Autumn	6
Transport Engineering	<u>TIMGB17125</u>	Computer Aided Engineering for Transport Machinery	Bachelor	Autumn	3
Transport Engineering	<u>TIMGB17124</u>	Hydraulic and Pneumatic Systems (with course project)	Bachelor	Autumn	6
Transport Engineering	<u>TIAIB17051</u>	Internal Combustion Engines (with course project)	Bachelor	Autumn	6
Transport Engineering	<u>TIMGB17126</u>	Vehicle Dynamics	Bachelor	Autumn	6
Transport Engineering	<u>TIMGM18169</u>	Research in Transport Engineering	Master	Autumn	3
Transport Engineering	<u>TIMGM18166</u>	The Finite Elements Method	Master	Autumn	9
Transport Engineering	<u>TIAIM17100</u>	Theory of Reliability of Transport Machinery	Master	Autumn	6

SPRING SEMESTER COURSES					
Faculty	Course code	Course Title	Level	Semestrer	ECTS
Antanas Gustaitis' Aviation Institute	<u>AIAIA19402</u>	Aircraft General Knowledge: airframe	Integrated	Spring	6
Antanas Gustaitis' Aviation Institute	<u>AISVA19402</u>	Aviation English 2: rules of radiotelephony	Integrated	Spring	3
Antanas Gustaitis' Aviation Institute	<u>AISVA19603</u>	Aviation English 4	Integrated	Spring	3
Antanas Gustaitis' Aviation Institute	<u>AISVA19801</u>	Aviation English 6	Integrated	Spring	6
Antanas Gustaitis' Aviation Institute	<u>AISVA19403</u>	Flight Fundamentals	Integrated	Spring	3
Antanas Gustaitis' Aviation Institute	<u>AISVA19401</u>	General Navigation	Integrated	Spring	6
Antanas Gustaitis' Aviation Institute	<u>AISVA19601</u>	Meteorology	Integrated	Spring	9
Antanas Gustaitis' Aviation Institute	<u>AIAIA19801</u>	Unmanned Aerial Vehicles and their Systems	Integrated	Spring	3
Architecture	<u>ARPGA17017</u>	Aesthetics of Architecture	Integrated	Spring	3
Architecture	<u>ARURA16006</u>	Architecture and Heritage	Integrated	Spring	15
Architecture	<u>ARARA17005</u>	Architecture and technology	Integrated	Spring	15
Architecture	<u>ARPGA17018</u>	Architecture Research Methodology	Integrated	Spring	6
Architecture	<u>ARPGA19023</u>	Basics of Building Information Modeling	Integrated	Spring	3
Architecture	<u>ARPGA17005</u>	Contemporary art project and architecture	Integrated	Spring	3
Architecture	<u>ARPGA17003</u>	Drawing 2	Integrated	Spring	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Architecture	<u>ARPGA17012</u>	History and Composition of Lithuanian Architec- ture	Integrated	Spring	6
Architecture	<u>ARPGA17010</u>	History of Architecture 1	Integrated	Spring	3
Architecture	<u>ARPGA17015</u>	History of Urban Form and Composition	Integrated	Spring	6
Architecture	<u>ARARA16003</u>	Practice of Architectural measurements	Integrated	Spring	3
Architecture	<u>ARPGA17024</u>	Protection of Immovable Cultural Heritage	Integrated	Spring	6
Architecture	<u>ARPGA17016</u>	Psychology and Ethics in Architecture	Integrated	Spring	3
Architecture	<u>ARPGA17025</u>	Theory of City Culture and Architectural Criticism	Integrated	Spring	6
Architecture	<u>ARURA17003</u>	Urban Structures	Integrated	Spring	15
Business Management	<u>VVVKB17808</u>	Business Communication	Bachelor	Spring	3
Business Management	<u>VVTEB16403</u>	Business Law	Bachelor	Spring	3
Business Management	<u>VVTEB16204</u>	Business Law	Bachelor	Spring	6
Business Management	<u>VVTVB17272</u>	Business Projects (with course work)	Bachelor	Spring	6
Business Management	<u>VVFRB16401</u>	Corporate Financial Management	Bachelor	Spring	6
Business Management	<u>VVVKB17034</u>	Digital Marketing	Bachelor	Spring	6
Business Management	<u>VVEIB17201</u>	Economics of Public Sector (with course work)	Bachelor	Spring	6
Business Management	<u>VVTVB17184</u>	Engineering Principles	Bachelor	Spring	3
Business Management	<u>VVTVB17087</u>	Entrepreneurship (with course work)	Bachelor	Spring	6
Business Management	<u>VVFRB17201</u>	Essentials of Financial Decisions	Bachelor	Spring	3
Business Management	<u>VVFRB16608</u>	Financial Analysis	Bachelor	Spring	6
Business Management	<u>VVFRB16607</u>	Course Project of Financial Analysis	Bachelor	Spring	3
Business Management	<u>VVFRB16606</u>	Financial Markets and Institutions	Bachelor	Spring	3
Business Management	<u>VVEIB17023</u>	Fundamentals of EU Studies	Bachelor	Spring	3
Business Management	<u>VVVKB17806</u>	Human Resources Management	Bachelor	Spring	3
Business Management	<u>VVTVB19801</u>	Information Management Systems	Bachelor	Spring	3
Business Management	<u>VVVKB17029</u>	Intercultural Communication	Bachelor	Spring	3
Business Management	<u>VVEIB20601</u>	International Economics	Bachelor	Spring	3
Business Management	<u>VVFRB17603</u>	International Finance	Bachelor	Spring	3
Business Management	<u>VVTEB16806</u>	Law	Bachelor	Spring	3

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Business Management	<u>VVTEB16805</u>	Law	Bachelor	Spring	3
Business Management	<u>VVTVB17173</u>	Logistics	Bachelor	Spring	6
Business Management	<u>VVEIB17191</u>	Macroeconomics	Bachelor	Spring	6
Business Management	<u>VVVKB17813</u>	Management	Bachelor	Spring	3
Business Management	<u>VVVKB17181</u>	Management	Bachelor	Spring	3
Business Management	<u>VVVKB17159</u>	Management	Bachelor	Spring	3
Business Management	<u>VVVKB17157</u>	Management	Bachelor	Spring	3
Business Management	<u>VVVKB17163</u>	Management	Bachelor	Spring	3
Business Management	<u>VVVKB19807</u>	Marketing Management	Bachelor	Spring	3
Business Management	<u>VVVKB19804</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>VVEIB17029</u>	Regional Economics II: Nordic Countries	Bachelor	Spring	3
Business Management	<u>VVTVB17172</u>	Total Quality Management	Bachelor	Spring	3
Business Management	<u>VVFRB16609</u>	Valuation of Financial Instruments	Bachelor	Spring	3
Business Management	<u>VVEIM18405</u>	Advanced Economics	Master	Spring	6
Business Management	<u>VVEIM18404</u>	Behavioral Economics	Master	Spring	6
Business Management	<u>VVEIM18410</u>	Engineering of Economic Solutions (with course project)	Master	Spring	9
Business Management	<u>VVVKM17056</u>	International Management (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>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>STMEB17003</u>	Complex Project	Bachelor	Spring	5
Civil Engineering	<u>STGGB17173</u>	Engineering Geology	Bachelor	Spring	3
Civil Engineering	<u>STTMB17042</u>	Engineering Mechanics	Bachelor	Spring	6
Civil Engineering	<u>STTMB18243</u>	Engineering Mechanics 2	Bachelor	Spring	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Civil Engineering	STGGB17195	Foundation Engineering (with course project)	Bachelor	Spring	6
Civil Engineering	STGSB17037	Human's Safety	Bachelor	Spring	3
Civil Engineering	STGSB17062	Human's Safety and Environmental Protection	Bachelor	Spring	3
Civil Engineering	STMEB17032	Integrated Project (Steel Structures 2; Building Construction Technology an	Bachelor	Spring	6
Civil Engineering	STGSB17174	Materials Science and Building Materials	Bachelor	Spring	6
Civil Engineering	STTMB17055	Mechanics of Materials	Bachelor	Spring	6
Civil Engineering	STTMB17053	Mechanics of Materials	Bachelor	Spring	6
Civil Engineering	STTMB17058	Mechanics of Materials 2	Bachelor	Spring	6
Civil Engineering	STGGB17053	Multi-storey Buildings	Bachelor	Spring	3
Civil Engineering	STTMB17105	Numerical Analysis of Structures - BIM 2	Bachelor	Spring	3
Civil Engineering	STGGB17037	Reinforced Concrete Structures 2	Bachelor	Spring	6
Civil Engineering	STGGB17038	Reinforced Concrete Structures 2 (course project)	Bachelor	Spring	3
Civil Engineering	STMEB17002	Steel Structures 1	Bachelor	Spring	5
Civil Engineering	STMEB17033	Steel Structures 2	Bachelor	Spring	3
Civil Engineering	STMEB17031	Steel Structures 2	Bachelor	Spring	6
Civil Engineering	STVNB17303	Technology of Construction Processes	Bachelor	Spring	6
Civil Engineering	STMEM17068	Advanced Timber Structures	Master	Spring	6
Civil Engineering	STGGM17124	Durability and Probability Analysis of Building Structures	Master	Spring	6
Civil Engineering	STTMM17132	Mechanics of Continual Structures	Master	Spring	6
Creative Industries	KIPIB18602	City studies	Bachelor	Spring	3
Creative Industries	KIFSB17157	Cultural Narratives	Bachelor	Spring	3
Creative Industries	KIPIB18505	Film Industry	Bachelor	Spring	3
Creative Industries	KIPIB17067	Film Projects	Bachelor	Spring	6
Creative Industries	KIFSB17109	Philosophy	Bachelor	Spring	3
Creative Industries	KIFSB17107	Philosophy	Bachelor	Spring	3
Creative Industries	KIFSA17003	Philosophy	Integrated	Spring	3
Creative Industries/Language dep.	KIUSB17152	English Language	Bachelor	Spring	3
Creative Industries/Language dep.	KIUSB18104	English Language	Bachelor	Spring	3

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Creative Industries/Language dep.	KIUSB18002	Lithuanian Language 2 (for Foreign Students)	Bachelor	Spring	3
Creative Industries/Language dep.	KIUSB17188	Speciality English Language	Bachelor	Spring	3
Creative Industries/Language dep.	KIUSB17185	Speciality English Language	Bachelor	Spring	3
Creative Industries/Language dep.	KIUSB17116	Speciality English Language	Bachelor	Spring	3
Creative Industries/Language dep.	KIUSA17005	Speciality English Language	Integrated	Spring	3
Creative Industries/Language dep.	KIUSB17129	Speciality English Language 1	Bachelor	Spring	3
Creative Industries/Language dep.	KIUSB17146	Speciality English Language 2	Bachelor	Spring	3
Electronics	ELEIB16661	Automatic Control Devices and Systems	Bachelor	Spring	6
Electronics	ELEIB16562	Automatic Control Systems (with course project)	Bachelor	Spring	6
Electronics	ELESB16403	Computer Architecture	Bachelor	Spring	6
Electronics	ELKRB16404	Computer Engineering Practicum	Bachelor	Spring	3
Electronics	ELKRB16201	Computer Logic	Bachelor	Spring	3
Electronics	ELESB16604	Computer Networks	Bachelor	Spring	6
Electronics	ELKRB16629	Computer Peripherals	Bachelor	Spring	3
Electronics	ELKRB16202	Databases	Bachelor	Spring	3
Electronics	ELKRB16618	Development of Embedded Computers	Bachelor	Spring	6
Electronics	ELESB16602	Digital Signal Processing	Bachelor	Spring	6
Electronics	ELESB16603	Digital Signal Processing	Bachelor	Spring	6
Electronics	ELEIB16403	Electrical Engineering	Bachelor	Spring	3
Electronics	ELEIB16251	Electrical Engineering	Bachelor	Spring	6
Electronics	ELEIB11252	Electrical Engineering	Bachelor	Spring	6
Electronics	ELESB16401	Electronic Devices	Bachelor	Spring	3
Electronics	ELEIB16651	Human Safety	Bachelor	Spring	3
Electronics	ELEIB16861	Industrial Logical Controllers	Bachelor	Spring	3
Electronics	ELESB16405	Informatics Practicum	Bachelor	Spring	3
Electronics	ELESB16409	Information Systems Analysis	Bachelor	Spring	6
Electronics	ELKRB16822	Internet Technologies	Bachelor	Spring	3
Electronics	ELESB16612	Microcontrollers Systems	Bachelor	Spring	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Electronics	ELKRB16612	Microprocessors	Bachelor	Spring	6
Electronics	ELKRB16630	Microprocessors and Their Programming	Bachelor	Spring	3
Electronics	ELKRB16823	Microtechnologies	Bachelor	Spring	3
Electronics	ELKRB16613	Microwave Technology	Bachelor	Spring	3
Electronics	ELESB16801	Multimedia Systems	Bachelor	Spring	3
Electronics	ELESB16805	Network Programming	Bachelor	Spring	3
Electronics	ELESB16402	Signals and Circuits 1	Bachelor	Spring	6
Electronics	ELEIB16206	Smart Electrical and Electronics Systems of Buildings	Bachelor	Spring	3
Electronics	ELEIM17201	Control of Electrical Energy Systems	Master	Spring	6
Electronics	ELEIM17204	Electronic Converters (with Course Project)	Master	Spring	9
Electronics	ELEIM17203	Modern Electrical Engineering	Master	Spring	6
Electronics	ELESB17206	Modern Operating Systems	Master	Spring	6
Electronics	ELEIM17200	Systemotechnique and Gauges	Master	Spring	6
Electronics	ELESB17203	Virtual Instrumentation	Master	Spring	6
Environmental Engineering	APGDB16054	Engineering Geodesy	Bachelor	Spring	3
Environmental Engineering	APGDB16052	Engineering Geodesy	Bachelor	Spring	3
Environmental Engineering	APPEB93006	Engineering Thermodynamics	Bachelor	Spring	3
Environmental Engineering	APPEB93005	Heat and Mass Transfer	Bachelor	Spring	3
Environmental Engineering	APPEB16612	Heat Production	Bachelor	Spring	6
Environmental Engineering	APGDB16065	Practice of Engineering Geodesy	Bachelor	Spring	3
Environmental Engineering	APKLB18401	Road and Railway Construction Materials	Bachelor	Spring	6
Environmental Engineering	APAVM20107	Anthropogenic Impact on Environment	Master	Spring	6
Environmental Engineering	APAVM20106	Circular Economy <i>(only 1 optional course will be available in Environmental Engineering faculty)</i>	Master	Spring	3
Environmental Engineering	APAVM17140	Environmental Management (with course project)	Master	Spring	9
Environmental Engineering	APGDM17040	Geodetic Laser Scanning Technologies (with course project)	Master	Spring	6
Environmental Engineering	APGDM17044	Geoinformation Systems Technology	Master	Spring	6
Environmental Engineering	APGDM17043	Real Estate Cadastre	Master	Spring	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Environmental Engineering	<u>APGDM17041</u>	Remote Sensing Methods	Master	Spring	6
Environmental Engineering	<u>APKLM93301</u>	Urban Public Transport (<i>only 1 optional course will be available in Environmental Engineering faculty</i>)	Master	Spring	3
Environmental Engineering	<u>APKLM18218</u>	Urban Transport System (with course project) (<i>only 1 optional course will be available in Environmental Engineering faculty</i>)	Master	Spring	6
Environmental Engineering	<u>APAVM17141</u>	Waste Management (with course work)	Master	Spring	9
Fundamental Sciences	<u>FMFIB19223</u>	Applied Physics	Bachelor	Spring	3
Fundamental Sciences	<u>FMFIB16214</u>	Applied Physics	Bachelor	Spring	6
Fundamental Sciences	<u>FMFIB16216</u>	Applied Physics	Bachelor	Spring	3
Fundamental Sciences	<u>FMITB20601</u>	Basics of Distributed Systems	Bachelor	Spring	6
Fundamental Sciences	<u>FMCHB16202</u>	Chemistry	Bachelor	Spring	3
Fundamental Sciences	<u>FMITB16811</u>	Corporate Systems Architecture	Bachelor	Spring	3
Fundamental Sciences	<u>FMITB16809</u>	Database Programming	Bachelor	Spring	3
Fundamental Sciences	<u>FMGSB19202</u>	Digital Image Technology	Bachelor	Spring	6
Fundamental Sciences	<u>FMMMB16202</u>	Discrete Mathematics 2	Bachelor	Spring	6
Fundamental Sciences	<u>FMSAB19369</u>	Econometrics	Bachelor	Spring	6
Fundamental Sciences	<u>FMSAB19370</u>	Econometrics (course work)	Bachelor	Spring	3
Fundamental Sciences	<u>FMIGB17001</u>	General and Applied Engineering Graphics	Bachelor	Spring	6
Fundamental Sciences	<u>FMIGB16203</u>	General Engineering and Digital Graphics	Bachelor	Spring	6
Fundamental Sciences	<u>FMIGB16003</u>	General Engineering Graphics	Bachelor	Spring	6
Fundamental Sciences	<u>FMIGB16202</u>	General Engineering Graphics	Bachelor	Spring	3
Fundamental Sciences	<u>FMISB16000</u>	Information Security Fundamentals	Bachelor	Spring	3
Fundamental Sciences	<u>FMSAB19209</u>	Integral Calculus	Bachelor	Spring	6
Fundamental Sciences	<u>FMSAB16202</u>	Integral Calculus	Bachelor	Spring	6
Fundamental Sciences	<u>FMMMB16201</u>	Integral Calculus	Bachelor	Spring	6
Fundamental Sciences	<u>FMMMB16210</u>	Integrals, Differential Equations and Series	Bachelor	Spring	6
Fundamental Sciences	<u>FMMMB16211</u>	Mathematics 2	Bachelor	Spring	6
Fundamental Sciences	<u>FMITB18307</u>	Object-Oriented Programming (with course work)	Bachelor	Spring	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Fundamental Sciences	<u>FMFIB16229</u>	Physics 2	Bachelor	Spring	3
Fundamental Sciences	<u>FMSAB19206</u>	Probability Theory and Mathematical Statistics	Bachelor	Spring	9
Fundamental Sciences	<u>FMIGB18201</u>	Systems of 2D-CAD Engineering Graphics	Bachelor	Spring	6
Fundamental Sciences	<u>FMISB16406</u>	Software Systems Engineering	Bachelor	Spring	6
Fundamental Sciences	<u>FMISM20201</u>	Computer Networks and Operating System Security	Master	Spring	9
Fundamental Sciences	<u>FMISM20102</u>	Cryptographic Systems	Master	Spring	9
Fundamental Sciences	<u>FMISM20202</u>	Ethical Hacking Techniques (with course work)	Master	Spring	6
Fundamental Sciences	<u>FMISM17202</u>	Virtual Infrastructure and Cloud Computing Security	Master	Spring	6
Mechanics	<u>MEMKB17236</u>	Bachelor Graduation Thesis 2	Bachelor	Spring	6
Mechanics	<u>MERSB17122</u>	Bachelor Graduation Thesis 2	Bachelor	Spring	6
Mechanics	<u>MEMKB17237</u>	Bachelor Graduation Thesis 3	Bachelor	Spring	9
Mechanics	<u>MERSB17123</u>	Bachelor Graduation Thesis 3	Bachelor	Spring	9
Mechanics	<u>MERSB17112</u>	CAD/CAM/CAE	Bachelor	Spring	6
Mechanics	<u>MERSB17107</u>	Cognitive Practice	Bachelor	Spring	3
Mechanics	<u>MEMKB18604</u>	Course Project of Computer-Aided Design of Manufacturing Technologies	Bachelor	Spring	3
Mechanics	<u>MEMKB17166</u>	Design of Machines and Instruments 1	Bachelor	Spring	3
Mechanics	<u>MERSB17120</u>	Design of Mechatronic and Robotic Systems (with course project)	Bachelor	Spring	6
Mechanics	<u>MEMKB17168</u>	Ecological Design	Bachelor	Spring	6
Mechanics	<u>MERSB17109</u>	Elements of Mechatronics	Bachelor	Spring	3
Mechanics	<u>MEMKB17239</u>	Equipment Assembly Technologies	Bachelor	Spring	3
Mechanics	<u>MEMKB17255</u>	Fundamentals of Innovation Management	Bachelor	Spring	3
Mechanics	<u>MERSB17401</u>	Machine Elements (with course project)	Bachelor	Spring	6
Mechanics	<u>MEMKB17379</u>	Materials Science 1	Bachelor	Spring	3
Mechanics	<u>MEMKB17151</u>	Mechanical, Laser and Another Manufacturing Technologies	Bachelor	Spring	3
Mechanics	<u>MERSB17113</u>	Mechatronic Systems 2	Bachelor	Spring	6
Mechanics	<u>MEMKB18605</u>	Numerical Design of Manufacturing Technologies	Bachelor	Spring	6
Mechanics	<u>MEMKB17165</u>	Production Technology of Machines and Instruments	Bachelor	Spring	3
Mechanics	<u>MERSB17121</u>	Quality and Certification in the Automated Industry	Bachelor	Spring	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
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	MERSM17149	Academic Writing	Master	Spring	6
Mechanics	MEBIM17067	Biofluid Mechanics	Master	Spring	6
Mechanics	MEBIM17066	Biosignals Analysis and Recognition	Master	Spring	9
Mechanics	MERSM17162	Control of Mechatronic Systems	Master	Spring	6
Mechanics	MERSM17158	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	MERSM17159	Diagnostics in Mechatronics	Master	Spring	6
Mechanics	MEMKM17351	Engineering Ecology	Master	Spring	3
Mechanics	MEMKM17347	Experimental Mechanics	Master	Spring	6
Mechanics	MEMKM18201	Industrial Organisation and Strategic Management	Master	Spring	6
Mechanics	MEBIM17069	Information Systems in Medicine	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 cour	Master	Spring	9
Mechanics	MEMKM17374	Master Graduation Thesis 4	Master	Spring	30
Mechanics	MEMKM17360	Master Graduation Thesis 2	Master	Spring	3
Mechanics	MEMKM17349	Master Graduation Thesis 2	Master	Spring	3
Mechanics	MERSM17164	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	MERSM17150	Modelling of Mechatronic Systems	Master	Spring	6
Mechanics	MERSM17165	Sensors in Mechatronics	Master	Spring	6

Faculty	Course code	Course Title	Level	Semestrer	ECTS
Mechanics	<u>MERSM17161</u>	Sensors in Mechatronics	Master	Spring	6
Mechanics	<u>MERSM17160</u>	Smart Materials in Mechatronics	Master	Spring	6
Mechanics	<u>MEMKM17346</u>	Theory of Engineering Experiment (with course work)	Master	Spring	6
Transport Engineering	<u>TIAIB17076</u>	Automobile Transport Traffic Safety	Bachelor	Spring	3
Transport Engineering	<u>TIAIB17053</u>	Automotive Theory	Bachelor	Spring	6
Transport Engineering	<u>TIAIB17054</u>	Automotive Theory (course work)	Bachelor	Spring	3
Transport Engineering	<u>TIMGB17119</u>	Design Fundamentals	Bachelor	Spring	3
Transport Engineering	<u>TIMGB17122</u>	Diagnostic Methods of the Technological Equipment	Bachelor	Spring	3
Transport Engineering	<u>TIAIB17036</u>	Structural and Exploitational Materials of Road Vehicles	Bachelor	Spring	6
Transport Engineering	<u>TIMGB17031</u>	Technologies of Vehicle Production and Repair	Bachelor	Spring	3
Transport Engineering	<u>TIAIB17058</u>	Vehicles Design	Bachelor	Spring	6
Transport Engineering	<u>TIAIM17106</u>	Researches of Internal Combustion Engines	Master	Spring	6
Transport Engineering	<u>TIAIM17105</u>	Road Vehicle Safety (with course project)	Master	Spring	9