

# VILNIUS GEDIMINAS TECHNICAL UNIVERSITY

## LIST OF COURSES OFFERED IN ENGLISH - **UPDATED 12/05/2020** 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	Semester	ECTS
Antanas Gustaitis' Aviation Institute	<a href="#"><u>AISVA16501</u></a>	Air Law	Integrated	Autumn	6
Antanas Gustaitis' Aviation Institute	<a href="#"><u>AISVA15716</u></a>	Air Traffic Organization	Integrated	Autumn	7
Antanas Gustaitis' Aviation Institute	<a href="#"><u>AISVA16510</u></a>	Air Traffic Rules and Procedures	Integrated	Autumn	3
Antanas Gustaitis' Aviation Institute	<a href="#"><u>AIAIA17108</u></a>	Aircraft General Knowledge: power plant	Integrated	Autumn	3
Antanas Gustaitis' Aviation Institute	<a href="#"><u>AISVA16302</u></a>	Aviation English 1	Integrated	Autumn	6
Antanas Gustaitis' Aviation Institute	<a href="#"><u>AISVA16503</u></a>	Aviation English 3	Integrated	Autumn	3
Antanas Gustaitis' Aviation Institute	<a href="#"><u>AISVA15713</u></a>	Aviation English 5	Integrated	Autumn	5
Antanas Gustaitis' Aviation Institute	<a href="#"><u>AISVA19504</u></a>	Flight Procedures	Integrated	Autumn	3
Antanas Gustaitis' Aviation Institute	<a href="#"><u>AISVA16502</u></a>	Human Performance and Limitation	Integrated	Autumn	6
Antanas Gustaitis' Aviation Institute	<a href="#"><u>AIAIA17117</u></a>	Principles of Flight and Flight Performances	Integrated	Autumn	6
Architecture	<a href="#"><u>ARPGA17014</u></a>	Architectural Workshop	Integrated	Autumn	3
Architecture	<a href="#"><u>ARARA16008</u></a>	Architectural Workshop	Integrated	Autumn	3
Architecture	<a href="#"><u>ARPGA17022</u></a>	Architecture and Communication	Integrated	Autumn	3
Architecture	<a href="#"><u>ARURA16001</u></a>	Architecture and Community	Integrated	Autumn	15
Architecture	<a href="#"><u>ARARA19701</u></a>	Architecture and Contexts	Integrated	Autumn	15
Architecture	<a href="#"><u>ARURA19004</u></a>	Architecture and Contexts	Integrated	Autumn	15
Architecture	<a href="#"><u>ARARA17011</u></a>	Architecture and Innovation	Integrated	Autumn	15
Architecture	<a href="#"><u>ARURA16008</u></a>	Architecture and Innovations	Integrated	Autumn	15
Architecture	<a href="#"><u>ARARA17006</u></a>	Architecture and Society	Integrated	Autumn	15
Architecture	<a href="#"><u>ARPGA17006</u></a>	Architecture and visual art in the expanded field	Integrated	Autumn	3

Faculty	Course code	Course Title	Level	Semester	ECTS
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>VVTVB17182</u>	E-business	Bachelor	Autumn	3
Business Management	<u>VVEIB17161</u>	Economics of Human Resource	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
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

Faculty	Course code	Course Title	Level	Semester	ECTS
Business Management	<u>VVKA17224</u>	Management	Bachelor	Autumn	3
Business Management	<u>VVKB17170</u>	Management	Bachelor	Autumn	3
Business Management	<u>VVKB17164</u>	Management	Bachelor	Autumn	3
Business Management	<u>VVFRB16504</u>	Management Accounting	Bachelor	Autumn	6
Business Management	<u>VVKB17033</u>	Marketing	Bachelor	Autumn	6
Business Management	<u>VVKB17031</u>	Marketing	Bachelor	Autumn	3
Business Management	<u>VVKB17038</u>	Marketing Research	Bachelor	Autumn	6
Business Management	<u>VVKB17039</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>VTVB17183</u>	Production Technology and Management (with course work)	Bachelor	Autumn	6
Business Management	<u>VTVB17271</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>VVKB17105</u>	Strategic Management	Bachelor	Autumn	3
Business Management	<u>VTVB17180</u>	Total Quality Management	Bachelor	Autumn	3
Business Management	<u>VVTEA16402</u>	Architectural Law	Integrated	Autumn	3
Business Management	<u>VVKA17133</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
Business Management	<u>VVKM17060</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

Faculty	Course code	Course Title	Level	Semester	ECTS
Civil Engineering	<a href="#"><u>STGGB17271</u></a>	Building Architecture and Structures	Bachelor	Autumn	6
Civil Engineering	<a href="#"><u>STGGB17272</u></a>	Building Architecture and Structures (course work)	Bachelor	Autumn	3
Civil Engineering	<a href="#"><u>STVNB17063</u></a>	Construction Economics	Bachelor	Autumn	3
Civil Engineering	<a href="#"><u>STGGB17049</u></a>	Design and Numerical Modeling of Reinforced Concrete Structures - BIM 3	Bachelor	Autumn	3
Civil Engineering	<a href="#"><u>STTMB17107</u></a>	Dynamics and Stability of Buildings	Bachelor	Autumn	3
Civil Engineering	<a href="#"><u>STGGB17187</u></a>	Engineering	Bachelor	Autumn	3
Civil Engineering	<a href="#"><u>STTMB18142</u></a>	Engineering Mechanics 1	Bachelor	Autumn	6
Civil Engineering	<a href="#"><u>STGSB17038</u></a>	Human's Safety	Bachelor	Autumn	3
Civil Engineering	<a href="#"><u>STTMB17047</u></a>	Integral Mechanics	Bachelor	Autumn	6
Civil Engineering	<a href="#"><u>STGGB17032</u></a>	Integrated Project (Reinforced Concrete Structures 1; Steel Structures 1; Building Services)	Bachelor	Autumn	6
Civil Engineering	<a href="#"><u>STGGB17026</u></a>	Introduction to Specialty	Bachelor	Autumn	3
Civil Engineering	<a href="#"><u>STGGB17048</u></a>	Masonry and Composite Structures	Bachelor	Autumn	3
Civil Engineering	<a href="#"><u>STGSB17169</u></a>	Materials Science and Building Materials	Bachelor	Autumn	3
Civil Engineering	<a href="#"><u>STTMB17046</u></a>	Mechanics of Materials	Bachelor	Autumn	6
Civil Engineering	<a href="#"><u>STTMB17049</u></a>	Mechanics of Materials 1	Bachelor	Autumn	3
Civil Engineering	<a href="#"><u>STMEB17019</u></a>	Numerical Modeling and Design of Steel Buildings	Bachelor	Autumn	5
Civil Engineering	<a href="#"><u>STGGB17031</u></a>	Reinforced Concrete Structures 1	Bachelor	Autumn	6
Civil Engineering	<a href="#"><u>STGGB17175</u></a>	Soil Mechanics	Bachelor	Autumn	6
Civil Engineering	<a href="#"><u>STMEB17022</u></a>	Steel Structures 1	Bachelor	Autumn	6
Civil Engineering	<a href="#"><u>STTMB17103</u></a>	Structural Mechanics and Fundamentals of Elasticity Theory	Bachelor	Autumn	6
Civil Engineering	<a href="#"><u>STMEB17010</u></a>	Timber Structures	Bachelor	Autumn	4
Civil Engineering	<a href="#"><u>STMEB17037</u></a>	Timber Structures	Bachelor	Autumn	3
Civil Engineering	<a href="#"><u>STTMA17004</u></a>	Mechanics of Materials	Integrated	Autumn	6
Civil Engineering	<a href="#"><u>STTMM17136</u></a>	Continuum Mechanics	Master	Autumn	9
Civil Engineering	<a href="#"><u>STGGM17137</u></a>	Design of Precast and Prestressed Reinforced Concrete Structures	Master	Autumn	9
Civil Engineering	<a href="#"><u>STGSM17122</u></a>	Fundamentals of Research and Innovation	Master	Autumn	3

Faculty	Course code	Course Title	Level	Semester	ECTS
Civil Engineering	<a href="#">STGGM17140</a>	Influence of Preserve Actions on Reinforced Concrete Structures	Master	Autumn	6
Civil Engineering	<a href="#">STGGM17115</a>	Modelling and Computer Analysis of Structure (with course project)	Master	Autumn	9
Civil Engineering	<a href="#">STMEM17071</a>	Nonlinear Analysis and Design of Steel Structures	Master	Autumn	6
Civil Engineering	<a href="#">STGGM17136</a>	Non-Linear Mechanics of Reinforced Concrete	Master	Autumn	6
Civil Engineering	<a href="#">STGGM17125</a>	Reinforced Concrete Building Design Special Effects	Master	Autumn	6
Civil Engineering	<a href="#">STGGM17117</a>	Reinforced Concrete Thin-Walled Spatial Structures	Master	Autumn	9
Civil Engineering	<a href="#">STMEM17116</a>	Steel-concrete Composite Bridge (with course work)	Master	Autumn	6
Creative Industries	<a href="#">KIKOB18201</a>	Popular culture studies (with course work)	Bachelor	Autumn	6
Creative Industries	<a href="#">KIKOB17050</a>	Business Communication	Bachelor	Autumn	6
Creative Industries	<a href="#">KIKOB17077</a>	Complex project	Bachelor	Autumn	9
Creative Industries	<a href="#">KIKOB17052</a>	Entrepreneurship fundamentals for creative industries	Bachelor	Autumn	6
Creative Industries	<a href="#">KIFSB17128</a>	Ethics	Bachelor	Autumn	3
Creative Industries	<a href="#">KIFSB17126</a>	Ethics	Bachelor	Autumn	3
Creative Industries	<a href="#">KIKOB20101</a>	Introduction to Studies	Bachelor	Autumn	3
Creative Industries	<a href="#">KIKOB18501</a>	Journalism and content strategy	Bachelor	Autumn	6
Creative Industries	<a href="#">KIFSB17127</a>	Logic	Bachelor	Autumn	3
Creative Industries	<a href="#">KIFSA17006</a>	Logic	Integrated	Autumn	3
Creative Industries	<a href="#">KIFSB18301</a>	Media Ethics	Bachelor	Autumn	3
Creative Industries	<a href="#">KIFSB17143</a>	Media Ethics	Bachelor	Autumn	3
Creative Industries	<a href="#">KIKOB17054</a>	Media Studies (with course work)	Bachelor	Autumn	6
Creative Industries	<a href="#">KIPIB17070</a>	Music industry	Bachelor	Autumn	3
Creative Industries	<a href="#">KIFSB17108</a>	Philosophy	Bachelor	Autumn	3
Creative Industries	<a href="#">KIFSB17146</a>	Philosophy of Technology	Bachelor	Autumn	3
Creative Industries	<a href="#">KIKOB17047</a>	Public Communication	Bachelor	Autumn	3
Creative Industries	<a href="#">KIKOB18301</a>	Quantitative Reasearch (with course work)	Bachelor	Autumn	6
Creative Industries	<a href="#">KIKOB17210</a>	Sociology	Bachelor	Autumn	6
Creative Industries/Language dep.	<a href="#">KIUSB17179</a>	English Language	Bachelor	Autumn	3
Creative Industries/Language dep.	<a href="#">KIUSB17101</a>	English Language	Bachelor	Autumn	3

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Creative Industries/Language dep.	<a href="#"><u>KIUSB18101</u></a>	English Language	Bachelor	Autumn	3
Creative Industries/Language dep.	<a href="#"><u>KILSB18001</u></a>	Lithuanian Language 1 (for Foreign Students)	Bachelor	Autumn	3
Creative Industries/Language dep.	<a href="#"><u>KIUSB17098</u></a>	Speciality English Language 1	Bachelor	Autumn	3
Creative Industries/Language dep.	<a href="#"><u>KIUSB17170</u></a>	Speciality English Language 2	Bachelor	Autumn	3
Electronics	<a href="#"><u>ELESB16510</u></a>	Computer Architecture	Bachelor	Autumn	3
Electronics	<a href="#"><u>ELESB16519</u></a>	Computerized Measurement Systems	Bachelor	Autumn	3
Electronics	<a href="#"><u>ELEIB16761</u></a>	Digital Automatics (with course project)	Bachelor	Autumn	6
Electronics	<a href="#"><u>ELESB16502</u></a>	Digital Devices	Bachelor	Autumn	6
Electronics	<a href="#"><u>ELESB20722</u></a>	Digital Signal Processing Tools	Bachelor	Autumn	6
Electronics	<a href="#"><u>ELEIB16563</u></a>	Electric Drives	Bachelor	Autumn	3
Electronics	<a href="#"><u>ELEIB16503</u></a>	Electrical Engineering and Electronics	Bachelor	Autumn	3
Electronics	<a href="#"><u>ELEIB16501</u></a>	Electronics	Bachelor	Autumn	3
Electronics	<a href="#"><u>ELESB16301</u></a>	Fundamentals of Electronics	Bachelor	Autumn	6
Electronics	<a href="#"><u>ELESB16520</u></a>	Information Coding	Bachelor	Autumn	3
Electronics	<a href="#"><u>ELESB16102</u></a>	Introduction to Informatics Engineering	Bachelor	Autumn	3
Electronics	<a href="#"><u>ELEIB16351</u></a>	Mechatronic Equipment	Bachelor	Autumn	6
Electronics	<a href="#"><u>ELESB16504</u></a>	Operating System Concepts	Bachelor	Autumn	3
Electronics	<a href="#"><u>ELESB16513</u></a>	Operating System Concepts	Bachelor	Autumn	6
Electronics	<a href="#"><u>ELKRB20703</u></a>	Programable Microsystems	Bachelor	Autumn	3
Electronics	<a href="#"><u>ELESB16302</u></a>	Script Programming	Bachelor	Autumn	6
Electronics	<a href="#"><u>ELESB16501</u></a>	Signals and Circuits 2	Bachelor	Autumn	6
Electronics	<a href="#"><u>ELESB16515</u></a>	Signals and Systems	Bachelor	Autumn	3
Electronics	<a href="#"><u>ELESB20724</u></a>	Software Design	Bachelor	Autumn	6
Electronics	<a href="#"><u>ELKRB16514</u></a>	The Basics of Microcontrollers	Bachelor	Autumn	6
Electronics	<a href="#"><u>ELESB16506</u></a>	Theory of Electromagnetic Field	Bachelor	Autumn	3
Electronics	<a href="#"><u>ELEIM17100</u></a>	Electrical Energy and Market	Master	Autumn	6
Electronics	<a href="#"><u>ELEIM17102</u></a>	Electrical Power Systems (with Course Project)	Master	Autumn	9
Electronics	<a href="#"><u>ELEIM17354</u></a>	Electrics Drives of Mechatronic Systems	Master	Autumn	9

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Electronics	<u>ELESM17103</u>	Fundamentals of Research and Innovations	Master	Autumn	6
Electronics	<u>ELEIM17304</u>	Hydropower and Biofuel	Master	Autumn	6
Electronics	<u>ELKRM17103</u>	Mathematical Modelling Technologies	Master	Autumn	6
Electronics	<u>ELEIM17301</u>	Photovoltaic Energy Systems	Master	Autumn	9
Electronics	<u>ELEIM17300</u>	Wind Energy Systems	Master	Autumn	9
Environmental Engineering	<u>APPEB16510</u>	Air Conditioning (with course project)	Bachelor	Autumn	6
Environmental Engineering	<u>APPEB16536</u>	Building Services	Bachelor	Autumn	3
Environmental Engineering	<u>APPEB16508</u>	Buildings' Heating Systems	Bachelor	Autumn	6
Environmental Engineering	<u>APPEB16511</u>	Integrated Project 1 (Building Services)	Bachelor	Autumn	9
Environmental Engineering	<u>APPEB16716</u>	Renewable Energy Technologies	Bachelor	Autumn	6
Environmental Engineering	<u>APPEB16509</u>	Ventilation	Bachelor	Autumn	6
Environmental Engineering	<u>APAVM17131</u>	Cleaner Production (with course project)	Master	Autumn	6
Environmental Engineering	<u>APAVM17263</u>	Ecological Design	Master	Autumn	6
Environmental Engineering	<u>APAVM20105</u>	Environmental Politics, Law and Economics	Master	Autumn	6
Environmental Engineering	<u>APGDM17047</u>	Geoinformation Systems on the Internet	Master	Autumn	6
Environmental Engineering	<u>APGDM17053</u>	Master Graduation Thesis 3	Master	Autumn	24
Environmental Engineering	<u>APAVM17146</u>	Modelling of Environmental Processes (with course project)	Master	Autumn	9
Environmental Engineering	<u>APAVM17129</u>	Physical and Chemical Process in Environment	Master	Autumn	6
Environmental Engineering	<u>APAVM17134</u>	Physical Pollution and Reduction Technology <i>(only 1 optional course will be available in Environmental Engineering faculty)</i>	Master	Autumn	6
Environmental Engineering	<u>APAVM17251</u>	Scientific Researches and Innovations	Master	Autumn	6
Environmental Engineering	<u>APKLM17046</u>	Urban Infrastructure (with course project) <i>(only 1 optional course will be available in Environmental Engineering faculty)</i>	Master	Autumn	9
Fundamental Sciences	<u>FMIGB18301</u>	3D-CAD Design Systems	Bachelor	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

Faculty	Course code	Course Title	Level	Semester	ECTS
Fundamental Sciences	<u>FMIGB16301</u>	Applied Engineering Graphics	Bachelor	Autumn	6
Fundamental Sciences	<u>FMISB16611</u>	Artificial Intelligence and Knowledge Systems	Bachelor	Autumn	6
Fundamental Sciences	<u>FMCHB16109</u>	Chemistry	Bachelor	Autumn	6
Fundamental Sciences	<u>FMCHB16106</u>	Chemistry	Bachelor	Autumn	3
Fundamental Sciences	<u>FMCHB16101</u>	Chemistry	Bachelor	Autumn	3
Fundamental Sciences	<u>FMCHB16102</u>	Chemistry	Bachelor	Autumn	6
Fundamental Sciences	<u>FMIGB16304</u>	Computer Graphics	Bachelor	Autumn	6
Fundamental Sciences	<u>FMMMMB16102</u>	Discrete Mathematics 1	Bachelor	Autumn	3
Fundamental Sciences	<u>FMGSB16103</u>	Engineering and Computer Graphics	Bachelor	Autumn	6
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>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



Faculty	Course code	Course Title	Level	Semester	ECTS
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>FMMMB16301</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
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

Faculty	Course code	Course Title	Level	Semester	ECTS
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
Mechanics	<u>MEMKM18303</u>	Business Game	Master	Autumn	6
Mechanics	<u>MEMKM17361</u>	Diagnostic and Monitoring	Master	Autumn	6
Mechanics	<u>MEBIM17063</u>	Dynamics of Biomechanical Systems	Master	Autumn	12
Mechanics	<u>MEMKM17338</u>	Dynamics of Mechanical Systems (with course work)	Master	Autumn	12
Mechanics	<u>MERSM17148</u>	Experimental Practice	Master	Autumn	6
Mechanics	<u>MERSM17156</u>	Experimental Research of Mechatronic Systems	Master	Autumn	9
Mechanics	<u>MERSM17153</u>	Experimental Research of Mechatronic Systems	Master	Autumn	6
Mechanics	<u>MEMKM17341</u>	Fundamentals of Research and Innovation	Master	Autumn	3
Mechanics	<u>MEMKM17336</u>	Fundamentals of Research and Innovation	Master	Autumn	6
Mechanics	<u>MEMKM17344</u>	Human Resource Management and Leadership	Master	Autumn	6
Mechanics	<u>MEMKM17342</u>	Improvement and Innovation of Manufacturing Process (with course work)	Master	Autumn	9
Mechanics	<u>MEMKM17369</u>	Innovative Product Design (with course project)	Master	Autumn	9
Mechanics	<u>MEMKM17345</u>	Master Graduation Thesis 1	Master	Autumn	3
Mechanics	<u>MEMKM17339</u>	Master Graduation Thesis 1	Master	Autumn	3
Mechanics	<u>MERSM17152</u>	Master Graduation Thesis 1	Master	Autumn	3
Mechanics	<u>MEMKM17371</u>	Master Graduation Thesis 3	Master	Autumn	3
Mechanics	<u>MEMKM17363</u>	Master Graduation Thesis 3	Master	Autumn	3

Faculty	Course code	Course Title	Level	Semester	ECTS
Mechanics	<a href="#">MERSM17174</a>	Master Graduation Thesis 3	Master	Autumn	3
Mechanics	<a href="#">MEBIM17064</a>	Means and Utilization Equipment of Health-Care Wastes	Master	Autumn	6
Mechanics	<a href="#">MERSM17154</a>	Mechanics of Mechatronic and Robotic Systems	Master	Autumn	6
Mechanics	<a href="#">MERSM17155</a>	Mechanics of Mechatronic and Robotic Systems (with course project)	Master	Autumn	9
Mechanics	<a href="#">MEMKM91004</a>	Models Development	Master	Autumn	6
Mechanics	<a href="#">MERSM17175</a>	Pneumatic and Hydraulic Systems (with course project)	Master	Autumn	9
Mechanics	<a href="#">MEMKM18302</a>	Products and Service Quality	Master	Autumn	6
Mechanics	<a href="#">MEBIM17075</a>	Rehabilitation Engineering	Master	Autumn	9
Mechanics	<a href="#">MEMKM17337</a>	Reliability of Mechanical Systems	Master	Autumn	6
Mechanics	<a href="#">MEMKM17365</a>	Simulation of Mechanical Systems (with course project)	Master	Autumn	12
Mechanics	<a href="#">MEMKM17343</a>	Supply Chain Management and International Manufacturing	Master	Autumn	9
Mechanics	<a href="#">MEMKM17362</a>	Theory of Flow	Master	Autumn	6
Transport Engineering	<a href="#">TIMGB17125</a>	Computer Aided Engineering for Transport Machinery	Bachelor	Autumn	3
Transport Engineering	<a href="#">TIMGB17124</a>	Hydraulic and Pneumatic Systems (with course project)	Bachelor	Autumn	6
Transport Engineering	<a href="#">TIAIB17051</a>	Internal Combustion Engines (with course project)	Bachelor	Autumn	6
Transport Engineering	<a href="#">TIMGB17126</a>	Vehicle Dynamics	Bachelor	Autumn	6
Transport Engineering	<a href="#">TIMGM18169</a>	Research in Transport Engineering	Master	Autumn	3
Transport Engineering	<a href="#">TIMGM18166</a>	The Finite Elements Method	Master	Autumn	9
Transport Engineering	<a href="#">TIAIM17100</a>	Theory of Reliability of Transport Machinery	Master	Autumn	6

SPRING SEMESTER COURSES					
Faculty	Course code	Course Title	Level	Semester	ECTS
Antanas Gustaitis' Aviation Institute	<a href="#">AIAIA19402</a>	Aircraft General Knowledge: airframe	Integrated	Spring	6
Antanas Gustaitis' Aviation Institute	<a href="#">AISVA19402</a>	Aviation English 2: rules of radiotelephony	Integrated	Spring	3
Antanas Gustaitis' Aviation Institute	<a href="#">AISVA19603</a>	Aviation English 4	Integrated	Spring	3

Faculty	Course code	Course Title	Level	Semester	ECTS
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
Architecture	<u>ARPGA17012</u>	History and Composition of Lithuanian Architecture	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

Faculty	Course code	Course Title	Level	Semester	ECTS
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
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 Economies	Master	Spring	6

Faculty	Course code	Course Title	Level	Semester	ECTS
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>VVKM17056</u>	International Management (with course project)	Master	Spring	9
Business Management	<u>VVTVM17152</u>	Managerial Information Technologies	Master	Spring	6
Business Management	<u>VVKM17100</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
Civil Engineering	<u>STGGB17195</u>	Foundation Engineering (with course project)	Bachelor	Spring	6
Civil Engineering	<u>STGSB17037</u>	Human's Safety	Bachelor	Spring	3
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>STTMB17055</u>	Mechanics of Materials	Bachelor	Spring	6
Civil Engineering	<u>STTMB17053</u>	Mechanics of Materials	Bachelor	Spring	6
Civil Engineering	<u>STTMB17058</u>	Mechanics of Materials 2	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
Civil Engineering	<u>STMEB17002</u>	Steel Structures 1	Bachelor	Spring	5
Civil Engineering	<u>STMEB17033</u>	Steel Structures 2	Bachelor	Spring	3
Civil Engineering	<u>STMEB17031</u>	Steel Structures 2	Bachelor	Spring	6

Faculty	Course code	Course Title	Level	Semester	ECTS
Civil Engineering	<a href="#">STVNB17303</a>	Technology of Construction Processes	Bachelor	Spring	6
Civil Engineering	<a href="#">STMEM17068</a>	Advanced Timber Structures	Master	Spring	6
Civil Engineering	<a href="#">STGGM17124</a>	Durability and Probability Analysis of Building Structures	Master	Spring	6
Civil Engineering	<a href="#">STTMM17132</a>	Mechanics of Continual Structures	Master	Spring	6
Creative Industries	<a href="#">KIKOB18601</a>	Advertising (with course work)	Bachelor	Spring	6
Creative Industries	<a href="#">KIKOB17069</a>	Creative Industries Studies (with course work)	Bachelor	Spring	6
Creative Industries	<a href="#">KIKOB20105</a>	Innovation Management	Bachelor	Spring	6
Creative Industries	<a href="#">KIKOB17065</a>	Public relations	Bachelor	Spring	6
Creative Industries	<a href="#">KIKOB18402</a>	Qualitative Reasearch (with course work)	Bachelor	Spring	6
Creative Industries	<a href="#">KIPIB18602</a>	City studies	Bachelor	Spring	3
Creative Industries	<a href="#">KIFSB17157</a>	Cultural Narratives	Bachelor	Spring	3
Creative Industries	<a href="#">KIPIB18505</a>	Film Industry	Bachelor	Spring	3
Creative Industries	<a href="#">KIPIB17067</a>	Film Projects	Bachelor	Spring	6
Creative Industries	<a href="#">KIKOB18202</a>	Mass Communication (with course work)	Bachelor	Spring	6
Creative Industries	<a href="#">KIFSB17109</a>	Philosophy	Bachelor	Spring	3
Creative Industries	<a href="#">KIFSB17107</a>	Philosophy	Bachelor	Spring	3
Creative Industries	<a href="#">KIFSA17003</a>	Philosophy	Integrated	Spring	3
Creative Industries	<a href="#">KIKOB18401</a>	Visual communication (with course work)	Bachelor	Spring	6
Creative Industries/Language dep.	<a href="#">KIUSB17152</a>	English Language	Bachelor	Spring	3
Creative Industries/Language dep.	<a href="#">KIUSB18104</a>	English Language	Bachelor	Spring	3
Creative Industries/Language dep.	<a href="#">KILSB18002</a>	Lithuanian Language 2 (for Foreign Students)	Bachelor	Spring	3
Creative Industries/Language dep.	<a href="#">KIUSB17188</a>	Speciality English Language	Bachelor	Spring	3
Creative Industries/Language dep.	<a href="#">KIUSB17185</a>	Speciality English Language	Bachelor	Spring	3
Creative Industries/Language dep.	<a href="#">KIUSB17116</a>	Speciality English Language	Bachelor	Spring	3
Creative Industries/Language dep.	<a href="#">KIUSA17005</a>	Speciality English Language	Integrated	Spring	3
Creative Industries/Language dep.	<a href="#">KIUSB17129</a>	Speciality English Language 1	Bachelor	Spring	3
Creative Industries/Language dep.	<a href="#">KIUSB17146</a>	Speciality English Language 2	Bachelor	Spring	3
Electronics	<a href="#">ELEIB16661</a>	Automatic Control Devices and Systems	Bachelor	Spring	6

Faculty	Course code	Course Title	Level	Semester	ECTS
Electronics	<a href="#"><u>ELEIB16562</u></a>	Automatic Control Systems (with course project)	Bachelor	Spring	6
Electronics	<a href="#"><u>ELESB16403</u></a>	Computer Architecture	Bachelor	Spring	6
Electronics	<a href="#"><u>ELKRB16404</u></a>	Computer Engineering Practicum	Bachelor	Spring	3
Electronics	<a href="#"><u>ELKRB16201</u></a>	Computer Logic	Bachelor	Spring	3
Electronics	<a href="#"><u>ELESB16604</u></a>	Computer Networks	Bachelor	Spring	6
Electronics	<a href="#"><u>ELKRB16629</u></a>	Computer Peripherals	Bachelor	Spring	3
Electronics	<a href="#"><u>ELKRB16202</u></a>	Databases	Bachelor	Spring	3
Electronics	<a href="#"><u>ELKRB16618</u></a>	Development of Embedded Computers	Bachelor	Spring	6
Electronics	<a href="#"><u>ELESB16602</u></a>	Digital Signal Processing	Bachelor	Spring	6
Electronics	<a href="#"><u>ELESB16603</u></a>	Digital Signal Processing	Bachelor	Spring	6
Electronics	<a href="#"><u>ELEIB16403</u></a>	Electrical Engineering	Bachelor	Spring	3
Electronics	<a href="#"><u>ELEIB16251</u></a>	Electrical Engineering	Bachelor	Spring	6
Electronics	<a href="#"><u>ELEIB11252</u></a>	Electrical Engineering	Bachelor	Spring	6
Electronics	<a href="#"><u>ELESB16401</u></a>	Electronic Devices	Bachelor	Spring	3
Electronics	<a href="#"><u>ELEIB16651</u></a>	Human Safety	Bachelor	Spring	3
Electronics	<a href="#"><u>ELEIB16861</u></a>	Industrial Logical Controllers	Bachelor	Spring	3
Electronics	<a href="#"><u>ELESB16405</u></a>	Informatics Practicum	Bachelor	Spring	3
Electronics	<a href="#"><u>ELESB16409</u></a>	Information Systems Analysis	Bachelor	Spring	6
Electronics	<a href="#"><u>ELKRB16822</u></a>	Internet Technologies	Bachelor	Spring	3
Electronics	<a href="#"><u>ELESB16612</u></a>	Microcontrollers Systems	Bachelor	Spring	6
Electronics	<a href="#"><u>ELKRB16612</u></a>	Microprocessors	Bachelor	Spring	6
Electronics	<a href="#"><u>ELKRB16630</u></a>	Microprocessors and Their Programming	Bachelor	Spring	3
Electronics	<a href="#"><u>ELKRB16823</u></a>	Microtechnologies	Bachelor	Spring	3
Electronics	<a href="#"><u>ELKRB16613</u></a>	Microwave Technology	Bachelor	Spring	3
Electronics	<a href="#"><u>ELESB16801</u></a>	Multimedia Systems	Bachelor	Spring	3
Electronics	<a href="#"><u>ELESB16805</u></a>	Network Programming	Bachelor	Spring	3
Electronics	<a href="#"><u>ELESB16402</u></a>	Signals and Circuits 1	Bachelor	Spring	6
Electronics	<a href="#"><u>ELEIB16206</u></a>	Smart Electrical and Electronics Systems of Buildings	Bachelor	Spring	3



Faculty	Course code	Course Title	Level	Semester	ECTS
Electronics	<u>ELEIM17201</u>	Control of Electrical Energy Systems	Master	Spring	6
Electronics	<u>ELEIM17204</u>	Electronic Converters (with Course Project)	Master	Spring	9
Electronics	<u>ELEIM17203</u>	Modern Electrical Engineering	Master	Spring	6
Electronics	<u>ELESM17206</u>	Modern Operating Systems	Master	Spring	6
Electronics	<u>ELEIM17200</u>	Systemotechnique and Gauges	Master	Spring	6
Electronics	<u>ELESM17203</u>	Virtual Instrumentation	Master	Spring	6
Environmental Engineering	<u>APGDB16054</u>	Engineering Geodesy	Bachelor	Spring	3
Environmental Engineering	<u>APGDB16052</u>	Engineering Geodesy	Bachelor	Spring	3
Environmental Engineering	<u>APPEB93006</u>	Engineering Thermodynamics	Bachelor	Spring	3
Environmental Engineering	<u>APPEB93005</u>	Heat and Mass Transfer	Bachelor	Spring	3
Environmental Engineering	<u>APPEB16612</u>	Heat Production	Bachelor	Spring	6
Environmental Engineering	<u>APGDB16065</u>	Practice of Engineering Geodesy	Bachelor	Spring	3
Environmental Engineering	<u>APKLB18401</u>	Road and Railway Construction Materials	Bachelor	Spring	6
Environmental Engineering	<u>APAVM20107</u>	Anthropogenic Impact on Environment	Master	Spring	6
Environmental Engineering	<u>APAVM20106</u>	Circular Economy <i>(only 1 optional course will be available in Environmental Engineering faculty)</i>	Master	Spring	3
Environmental Engineering	<u>APAVM17140</u>	Environmental Management (with course project)	Master	Spring	9
Environmental Engineering	<u>APGDM17040</u>	Geodetic Laser Scanning Technologies (with course project)	Master	Spring	6
Environmental Engineering	<u>APGDM17044</u>	Geoinformation Systems Technology	Master	Spring	6
Environmental Engineering	<u>APGDM17043</u>	Real Estate Cadastre	Master	Spring	6
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

Faculty	Course code	Course Title	Level	Semester	ECTS
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
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

Faculty	Course code	Course Title	Level	Semester	ECTS
Mechanics	<a href="#">MEMKB17236</a>	Bachelor Graduation Thesis 2	Bachelor	Spring	6
Mechanics	<a href="#">MERSB17122</a>	Bachelor Graduation Thesis 2	Bachelor	Spring	6
Mechanics	<a href="#">MEMKB17237</a>	Bachelor Graduation Thesis 3	Bachelor	Spring	9
Mechanics	<a href="#">MERSB17123</a>	Bachelor Graduation Thesis 3	Bachelor	Spring	9
Mechanics	<a href="#">MERSB17112</a>	CAD/CAM/CAE	Bachelor	Spring	6
Mechanics	<a href="#">MERSB17107</a>	Cognitive Practice	Bachelor	Spring	3
Mechanics	<a href="#">MEMKB18604</a>	Course Project of Computer-Aided Design of Manufacturing Technologies	Bachelor	Spring	3
Mechanics	<a href="#">MEMKB17166</a>	Design of Machines and Instruments 1	Bachelor	Spring	3
Mechanics	<a href="#">MERSB17120</a>	Design of Mechatronic and Robotic Systems (with course project)	Bachelor	Spring	6
Mechanics	<a href="#">MEMKB17168</a>	Ecological Design	Bachelor	Spring	6
Mechanics	<a href="#">MERSB17109</a>	Elements of Mechatronics	Bachelor	Spring	3
Mechanics	<a href="#">MEMKB17239</a>	Equipment Assembly Technologies	Bachelor	Spring	3
Mechanics	<a href="#">MEMKB17255</a>	Fundamentals of Innovation Management	Bachelor	Spring	3
Mechanics	<a href="#">MERSB17401</a>	Machine Elements (with course project)	Bachelor	Spring	6
Mechanics	<a href="#">MEMKB17379</a>	Materials Science 1	Bachelor	Spring	3
Mechanics	<a href="#">MEMKB17151</a>	Mechanical, Laser and Another Manufacturing Technologies	Bachelor	Spring	3
Mechanics	<a href="#">MERSB17113</a>	Mechatronic Systems 2	Bachelor	Spring	6
Mechanics	<a href="#">MEMKB18605</a>	Numerical Design of Manufacturing Technologies	Bachelor	Spring	6
Mechanics	<a href="#">MEMKB17165</a>	Production Technology of Machines and Instruments	Bachelor	Spring	3
Mechanics	<a href="#">MERSB17121</a>	Quality and Certification in the Automated Industry	Bachelor	Spring	6
Mechanics	<a href="#">MEMKB17167</a>	Quality Management	Bachelor	Spring	3
Mechanics	<a href="#">MERSB17114</a>	Robotical Technology	Bachelor	Spring	6
Mechanics	<a href="#">MEMKB17156</a>	Theory and Practice of Measurements (with course project)	Bachelor	Spring	6
Mechanics	<a href="#">MEMKB17238</a>	Tribology	Bachelor	Spring	3
Mechanics	<a href="#">MERSM17149</a>	Academic Writing	Master	Spring	6
Mechanics	<a href="#">MEBIM17067</a>	Biofluid Mechanics	Master	Spring	6
Mechanics	<a href="#">MEBIM17066</a>	Biosignals Analysis and Recognition	Master	Spring	9

Faculty	Course code	Course Title	Level	Semester	ECTS
Mechanics	<a href="#">MERSM17162</a>	Control of Mechatronic Systems	Master	Spring	6
Mechanics	<a href="#">MERSM17158</a>	Control of Mechatronic Systems	Master	Spring	6
Mechanics	<a href="#">MEMKM17350</a>	Design of Mechanical Systems (with course project)	Master	Spring	12
Mechanics	<a href="#">MERSM17163</a>	Diagnostics in Mechatronics	Master	Spring	6
Mechanics	<a href="#">MERSM17159</a>	Diagnostics in Mechatronics	Master	Spring	6
Mechanics	<a href="#">MEMKM17351</a>	Engineering Ecology	Master	Spring	3
Mechanics	<a href="#">MEMKM17347</a>	Experimental Mechanics	Master	Spring	6
Mechanics	<a href="#">MEMKM18201</a>	Industrial Organisation and Strategic Management	Master	Spring	6
Mechanics	<a href="#">MEBIM17069</a>	Information Systems in Medicine	Master	Spring	6
Mechanics	<a href="#">MEMKM17357</a>	Innovation Strategy and Tactics	Master	Spring	6
Mechanics	<a href="#">MEMKM17358</a>	Manufacturing Simulation and Industrial Production Systems	Master	Spring	6
Mechanics	<a href="#">MEMKM17352</a>	Marketing of Innovative Products and Investment Management (with cour	Master	Spring	9
Mechanics	<a href="#">MEMKM17374</a>	Master Graduation Thesis 4	Master	Spring	30
Mechanics	<a href="#">MEMKM17360</a>	Master Graduation Thesis 2	Master	Spring	3
Mechanics	<a href="#">MEMKM17349</a>	Master Graduation Thesis 2	Master	Spring	3
Mechanics	<a href="#">MERSM17164</a>	Master Graduation Thesis 2	Master	Spring	3
Mechanics	<a href="#">MEMKM17375</a>	Master Graduation Thesis 4	Master	Spring	30
Mechanics	<a href="#">MERSM17176</a>	Master Graduation Thesis 4	Master	Spring	30
Mechanics	<a href="#">MERSM17166</a>	Modelling of Mechatronic Systems	Master	Spring	9
Mechanics	<a href="#">MERSM17150</a>	Modelling of Mechatronic Systems	Master	Spring	6
Mechanics	<a href="#">MERSM17165</a>	Sensors in Mechatronics	Master	Spring	6
Mechanics	<a href="#">MERSM17161</a>	Sensors in Mechatronics	Master	Spring	6
Mechanics	<a href="#">MERSM17160</a>	Smart Materials in Mechatronics	Master	Spring	6
Mechanics	<a href="#">MEMKM17346</a>	Theory of Engineering Experiment (with course work)	Master	Spring	6
Transport Engineering	<a href="#">TIAIB17076</a>	Automobile Transport Traffic Safety	Bachelor	Spring	3
Transport Engineering	<a href="#">TIAIB17053</a>	Automotive Theory	Bachelor	Spring	6
Transport Engineering	<a href="#">TIAIB17054</a>	Automotive Theory (course work)	Bachelor	Spring	3
Transport Engineering	<a href="#">TIMGB17119</a>	Design Fundamentals	Bachelor	Spring	3

Faculty	Course code	Course Title	Level	Semester	ECTS
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