

VILNIUS GEDIMINAS TECHNICAL UNIVERSITY

LIST OF COURSES OFFERED IN ENGLISH

2017/2018



Regular courses

Optional courses

Individual courses

For course *description* please *click on the course code*

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

Faculty	Course code	Course Title	Level	Semester	ECTS credits	Notes
	KILKB11023	Lithuanian Language course for foreign students 1	A1	Both	3	
	KILKB11024	Lithuanian Language course for foreign students 2	A2	Both	3	
Autumn Semester Courses						
A. Gustaitis' Aviation Institute	AIAMA15503	General knowledge of aircraft: powerplant	Bachelor	Autumn	3	
A. Gustaitis' Aviation Institute	AIAEB14700	Aircraft electronic and electrical systems (CP)	Bachelor	Autumn	6	individual course
A. Gustaitis' Aviation Institute	AIAEB14706	Aircraft powerplant and functional systems	Bachelor	Autumn	5	individual course
A. Gustaitis' Aviation Institute	AISVA11302	Aviation English 1	Bachelor	Autumn	4	
A. Gustaitis' Aviation Institute	AIAEB11704	Bachelor Graduation Thesis 1	Bachelor	Autumn	3	individual course
A. Gustaitis' Aviation Institute	AIAEM11311	Flight Parameters Measuring Systems	Master	Autumn	6	individual course
A. Gustaitis' Aviation Institute	AIAEM11111	Master Graduation Thesis 1	Master	Autumn	3	individual course
Architecture	ARAPA16004	History of Architecture 2	Bachelor	Autumn	3	
Architecture	ARAPB11511	Analysis of Buildings Composition	Bachelor	Autumn	3	

Architecture	STKMB11501	Applied Mechanics	Bachelor	Autumn	3	
Architecture	ARURA16001	Architecture and Community	Bachelor	Autumn	15	Main project (3 semester), students are allowed selecting only 1 main project per semester. Prior agreement of AF Erasmus coordinator needed
Architecture	STIAB15502	Building Physics	Bachelor	Autumn	3	
Architecture	VVIEB11741	Construction and Architectural Organizations Economy	Bachelor	Autumn	3	
Architecture	ARARB11508	Design of Public Building	Bachelor	Autumn	9(4)	Main project (5 semester), students are allowed selecting only 1 main project per semester. Prior agreement of AF Erasmus coordinator needed
Architecture	ARAPB11510	History of Lithuanian Architecture	Bachelor	Autumn	3	
Architecture	KIFKA16302	Logic	Bachelor	Autumn	3	optional course
Architecture	VVSEB11752	Management	Bachelor	Autumn	3	
Architecture	ARURB11707	Regeneration Project of Urban Residential Structures	Bachelor	Autumn	9	Main project (7 semester), students are allowed selecting only 1 main project per semester. Prior agreement of AF Erasmus coordinator needed
Architecture	ARARB11710	Renovation Design of an Architectural Object	Bachelor	Autumn	9	Main project (7 semester), students are allowed selecting only 1 main project per semester. Prior agreement of AF Erasmus coordinator needed
Architecture	ARARA16004	Scale in Architecture	Bachelor	Autumn	3	
Architecture	ARDKA16003	Sculpture and painting backgrounds	Bachelor	Autumn	3	
Architecture	KIKVA16004	Sociology	Bachelor	Autumn	3	option course
Architecture	KILKA16001	Specific Purpose Language Culture	Bachelor	Autumn	3	
Business Management	VVFRB16301	Accounting (with course work)	Bachelor	Autumn	6	
Business Management	VVFRB11507	Business Finance	Bachelor	Autumn	3	
Business Management	VVFRB14501	Business Finance Complex Project	Bachelor	Autumn	8	
Business Management	VVIEB16106	Business Fundamentals	Bachelor	Autumn	3	
Business Management	VVIEB16103	Business Fundamentals	Bachelor	Autumn	3	
Business Management	VVIEB15504	Complex Project of Economics Planning	Bachelor	Autumn	8	
Business Management	VVEVB15708	Complex Project of International Economic Relations	Bachelor	autumn	5	
Business Management	VVTEB16301	Contract Law	Bachelor	Autumn	3	
Business Management	VVVTB16304	E-business	Bachelor	Autumn	3	Optional course

Business Management	FMSAB16369	Econometrics	Bachelor	Autumn	6	
Business Management	FMSAB16370	Econometrics (course work)	Bachelor	Autumn	3	
Business Management	VVIEB15503	Economic Analysis	Bachelor	Autumn	5	
Business Management	VVIEB15505	Economic of Human Resource	Bachelor	Autumn	3	
Business Management	FMGSB16103	Engineering and Computer Graphics	Bachelor	Autumn	6	
Business Management	VVVTB16201	Engineering Principles	Bachelor	Autumn	3	
Business Management	VVIEB14501	Entrepreneurship	Bachelor	Autumn	5	
Business Management	VVIEB15501	Enterprises Organization and Management	Bachelor	Autumn	8 (3)	Divided into Exam 5 ECTS and Course Project 3 ECTS
Business Management	VVTEB14502	Financial Law	Bachelor	Autumn	3	
Business Management	VVFRB16302	Foundations of Financial Decisions	Bachelor	Autumn	3	
Business Management	VVEVB16101	Fundamentals of EU Studies	Bachelor	Autumn	3	
Business Management	VVTEB16304	Fundamentals of Law	Bachelor	Autumn	3	
Business Management	VVFRB16101	History of Finance Theories	Bachelor	Autumn	3	
Business Management	FMISB16101	Information Technologies	Bachelor	Autumn	6	
Business Management	VVEVB15706	International Business Economics	Bachelor	autumn	3	
Business Management	VVEVB15707	International Marketing	Bachelor	autumn	3	
Business Management	VVFRB11701	Investment Management	Bachelor	Autumn	8 (3)	Divided into Exam 5 ECTS and Course Project 3 ECTS
Business Management	FMSAB16105	Linear Algebra and Mathematical Analysis	Bachelor	Autumn	9	
Business Management	VVSEB16401	Macroeconomics	Bachelor	Autumn	6	
Business Management	VVEVB16301	Management Psychology	Bachelor	Autumn	3	Optional course
Business Management	VVEVB15503	Marketing	Bachelor	Autumn	4	
Business Management	VVEVB15501	Marketing	Bachelor	Autumn	5	
Business Management	VVEVB15701	Marketing Research	Bachelor	Autumn	8 (3)	Divided into Exam 5 ECTS and Course Project 3 ECTS
Business Management	VVIEB16201	Microeconomics	Bachelor	Autumn	6	
Business Management	VVIEB16302	Negotiation in Business	Bachelor	Autumn	3	Optional course
Business Management	KIFKB16104	Philosophy	Bachelor	Autumn	3	
Business Management	VVFRB11502	Pricing	Bachelor	Autumn	8 (3)	Divided into Exam 5 ECTS and Course Project 3 ECTS
Business Management	VVVTB16303	Production Technology and Management (with course work)	Bachelor	Autumn	6	
Business Management	VVFRB15501	Project Preparation and Evaluation	Bachelor	Autumn	4	
Business Management	VVVTB16305	Quantitative Methods for Decision Making	Bachelor	Autumn	6	

Business Management	VVEVB16302	Regional Economics I: China	Bachelor	Autumn	3	Optional course
Business Management	VVEVB16304	Regional Economics I: Nordic Countries	Bachelor	Autumn	3	Optional course
Business Management	VVEVB16303	Regional Economics I: Russia and Other CIS Countries	Bachelor	Autumn	3	Optional course
Business Management	VVEVB15704	Science and Technology Development Economics	Bachelor	autumn	4	
Business Management	KIKAB16149	Speciality English Language 1	Bachelor	Autumn	3	
Business Management	KIKAB16326	Speciality English Language 2	Bachelor	Autumn	3	
Business Management	VVIEB11513	Strategic Management	Bachelor	Autumn	3	
Business Management	VVVTB15504	Supply Chain Management	Bachelor	Autumn	3	
Business Management	VVVTB15501	Total Quality Management	Bachelor	Autumn	3	
Business Management	VVFRM16105	Business Finance for Executives (with course project)	Master	Autumn	7	
Business Management	VVFRM16101	Engineering of Profit and Risk	Master	Autumn	7	Optional course
Business Management	VVFRM13214	Financial Systems	Master	Autumn	7	Optional course
Business Management	VVEVM13103	Innovation Theory	Master	Autumn	7	optional course
Business Management	VVEVM16102	Innovation Theory	Master	Autumn	7	Optional course
Business Management	VVEVM16105	International Business Theory (with course project)	Master	Autumn	7	
Business Management	VVEVM16303	International Marketing and Communication (with course project)	Master	Autumn	6	
Business Management	VVFRM16304	Management of Investment Projects (with course project)	Master	Autumn	6	
Business Management	VVVTM13101	Methodology of Scientific Research	Master	Autumn	6	
Business Management	VVVTM13151	Methodology of Scientific Research	Master	Autumn	6	
Business Management	VVIEM13104	Quantitative Experts Solution Methods	Master	Autumn	7	
Civil Engineering	FMMMB16101	Algebra and Differential Calculus	Bachelor	Autumn	6	
Civil Engineering	STIAB16301	Building Architecture and Structures	Bachelor	Autumn	6	
Civil Engineering	STIAB16302	Building Architecture and Structures (course work)	Bachelor	Autumn	3	
Civil Engineering	STSTB11523	Building Construction Technology	Bachelor	Autumn	3	
Civil Engineering	APPEB11555	Building Services	Bachelor	Autumn	4	
Civil Engineering	FMCHB16101	Chemistry	Bachelor	Autumn	3	
Civil Engineering	STMKB11503	Complex Project	Bachelor	Autumn	5	
Civil Engineering	STGKB15705	Design and numerical modeling of reinforced concrete structures	Bachelor	Autumn	5	Course project is included.
Civil Engineering	STKMB11738	Dynamics and Stability of Buildings	Bachelor	Autumn	3	
Civil Engineering	VVSEB11552	Economics	Bachelor	Autumn	3	

Civil Engineering	KIKAB16180	English Language	Bachelor	Autumn	3	
Civil Engineering	FMISB16106	Information Technologies	Bachelor	Autumn	6	
Civil Engineering	FMMTB16303	Integral Mechanics	Bachelor	Autumn	6	
Civil Engineering	STGKB16116	Introduction to specialty	Bachelor	Autumn	3	
Civil Engineering	VVTEB11708	Law	Bachelor	Autumn	3	
Civil Engineering	STGKB11704	Masonry and Composite Structures	Bachelor	Autumn	3	
Civil Engineering	STMKB15705	Numerical Modeling and Design of Steel Buildings	Bachelor	Autumn	5	Course project is included.
Civil Engineering	FMIGB16302	Object-oriented, parametric modeling BIM-1	Bachelor	Autumn	3	
Civil Engineering	FMFIB16124	Physics	Bachelor	Autumn	6	
Civil Engineering	FMMMB16301	Probability theory and mathematical statistics	Bachelor	Autumn	6	
Civil Engineering	STGKB11501	Reinforced Concrete Structures 1	Bachelor	Autumn	6	Course project included
Civil Engineering	STGTB11718	Soil Mechanics	Bachelor	Autumn	4	Study modulus on Engineering Geology necessary to be studied before
Civil Engineering	STMKB11501	Steel Structures 1	Bachelor	Autumn	5	
Civil Engineering	STKMB11537	Structural mechanics	Bachelor	Autumn	4	
Civil Engineering	STSMM11142	Structure of Aliumosilicate Materials and Their Properties	Master	Autumn	6	
Civil Engineering	STMKB11704	Timber Structures	Bachelor	Autumn	4	
Creative Industries	KIKVB12503	Basics of Journalism	Bachelor	Autumn	5	
Creative Industries	VVTEB11509	Copyright law	Bachelor	Autumn	3	
Creative Industries	KIFKB15506	Creative Writing	Bachelor	Autumn	3	
Creative Industries	VVSEB12552	Entertainment Management	Bachelor	Autumn	6	
Creative Industries	VVSEB12551	Integrated Marketing Communications	Bachelor	Autumn	5	
Creative Industries	KIKVB12502	Management of creative projects	Bachelor	Autumn	4	
Creative Industries	KIFKB15502	Media and Politics	Bachelor	Autumn	3	individual courses
Creative Industries	KIFKB15504	Media and Religion	Bachelor	Autumn	3	
Creative Industries	VVVTB12553	Multimodal Communication	Bachelor	Autumn	6	
Creative Industries	KIKVB12506	Photography	Bachelor	Autumn	5(1)	course project is included
Creative Industries	KIKVB15503	Urban Studies	Bachelor	Autumn	5	
Electronics	ELESB11519	Computerized Measurement Systems	Bachelor	Autumn	4	
Electronics	ELESB11502	Digital Devices	Bachelor	Autumn	6	
Electronics	ELESB11722	Digital Signal Processing Tools	Bachelor	Autumn	6	
Electronics	ELESB16301	Fundamentals of Electronics	Bachelor	Autumn	6	
Electronics	ELESB11520	Information Coding	Bachelor	Autumn	4	

Electronics	ELESB16102	Introduction to Informatics Engineering	Bachelor	Autumn	3	
Electronics	ELAUB16301	Mechatronic Equipment	Bachelor	Autumn	6	
Electronics	ELESB11513	Operating System Concepts	Bachelor	Autumn	4	
Electronics	ELESB16302	Script Programming	Bachelor	Autumn	6	
Electronics	ELESB11522	Signals and Systems	Bachelor	Autumn	5	
Electronics	ELESB11515	Signals and Systems (project)	Bachelor	Autumn	3	
Electronics	ELESB11724	Software Design	Bachelor	Autumn	6	
Electronics	ELTLB11702	Telecommunication Technologies 2	Bachelor	Autumn	4	prior agreement needed
Electronics	ELTLB11501	Telecommunications Theory	Bachelor	Autumn	5	prior agreement needed
Electronics	ELESB11506	Theory of Electromagnetic Field	Bachelor	Autumn	4	prior agreement needed
Electronics	ELAUM11107	Automatic Control Theory	Master	Autumn	6	optional course
Electronics	ELETM11102	Electrical and Power Engineering	Master	Autumn	6	optional course
Electronics	ELETM11313	Electronic converters	Master	Autumn	8	
Electronics	ELESB11103	Fundamentals of Research and Innovations	Master	Autumn	4	
Electronics	ELTLM11101	Mathematical Modelling Technologies	Master	Autumn	7	
Electronics	ELETM11314	Modern Electrical Engineering	Master	Autumn	7	
Electronics	ELETM11312	Photovoltaic energy systems	Master	Autumn	6	
Electronics	ELETM11311	Wind energy systems	Master	Autumn	6	
Environmental Engineering	FMSAB16108	Algebra and Differential Calculus	Bachelor	Autumn	6	
Environmental Engineering	FMIGB16004	Applied Engineering Graphics	Bachelor	Autumn	3	
Environmental Engineering	STIAB15501	Building Structures	Bachelor	Autumn	4	
Environmental Engineering	FMCHB16102	Chemistry	Bachelor	Autumn	6	
Environmental Engineering	APASM17111	Cleaner Production	Bachelor	Autumn	6 (2,0)	Course project is included
Environmental Engineering	APVIB15004	Engineering Hydraulics	Bachelor	Autumn	5	
Environmental Engineering	APPEB16303	Engineering Thermodynamics	Bachelor	Autumn	6	
Environmental Engineering	APVIB16001	Fluid Mechanics	Bachelor	Autumn	3	
Environmental Engineering	KILKB16003	Formal writing	Bachelor	Autumn	3	
Environmental Engineering	APPEB11108	Indoor Climate	Bachelor	Autumn	6	
Environmental Engineering	FMITB16104	Information Technologies	Bachelor	Autumn	6	
Environmental Engineering	APMSB14811	Integrated Design of Buildings	Bachelor	Autumn	3	
Environmental Engineering	VVSEB11554	Management	Bachelor	Autumn	3	
Environmental Engineering	STSMB16304	Materials Science and Building Materials	Bachelor	Autumn	3	
Environmental Engineering	KIFKB16103	Philosophy	Bachelor	Autumn	3	

Environmental Engineering	FMSAB16310	Probability Theory and Mathematical Statistic	Bachelor	Autumn	6	
Environmental Engineering	KIKVB16001	Public communication	Bachelor	Autumn	3	
Environmental Engineering	APPEB11106	Renewable Energy Technologies	Bachelor	Autumn	6	several group
Environmental Engineering	APPEB11109	Ventilation	Bachelor	Autumn	6	
Environmental Engineering	APASB11115	Waste Management and Reuse Technologies	Bachelor	Autumn	3	
Environmental Engineering	APASM17112	Anthropogenic Impact on Environment	Master	Autumn	6	
Environmental Engineering	APASM11112	Atmosphere Controlling and Protection	Master	Autumn	7	
Environmental Engineering	APVIM15001	Ecological Design	Master	Autumn	5	
Environmental Engineering	APASM11113	Environmental Impact Assessment	Master	Autumn	5	
Environmental Engineering	APASM17113	Innovative Environmental Protection Technologies	Master	Autumn	6 (2,0)	Course project is included
Environmental Engineering	APKLM17002	Innovative Pavement Structure Design	Master	Autumn	6	
Environmental Engineering	APMSM17316	Management of Urban Development	Master	Autumn	6	
Environmental Engineering	APASM11111	Modelling of Environmental Processes	Master	Autumn	7	
Environmental Engineering	APASM17114	Physical Pollution and Reduction Technologies	Master	Autumn	6	
Environmental Engineering	APPEM17121	Renewable Energy Resources and Sustainable Energy	Master	Autumn	6	
Environmental Engineering	APVIM17001	Scientific Research and Innovations	Master	Autumn	6	
Environmental Engineering	APKLM17005	Traffic Safety Management	Master	Autumn	6	
Environmental Engineering	APMSM17309	Urban Information Systems	Master	Autumn	9	
Environmental Engineering	APMSM17317	Using GIS for Planning and Modeling	Master	Autumn	6	
Fundamental Sciences	FMISB16204	Algorithms and Data Structures	Bachelor	Autumn	6	
Fundamental Sciences	FMIGB16002	Applied Engineering Graphics	Bachelor	Autumn	3	
Fundamental Sciences	FMIGB11304	Applied Engineering Graphics	Bachelor	Autumn	3	
Fundamental Sciences	FMMMB11301	Applied Mathematics	Bachelor	Autumn	4	
Fundamental Sciences	FMISB16300	Architecture of Computers and Computer Networks	Bachelor	Autumn	6	
Fundamental Sciences	FMCHB16109	Chemistry	Bachelor	Autumn	6	
Fundamental Sciences	FMISB14311	Computer Architecture and Networks	Bachelor	Autumn	6	
Fundamental Sciences	FMIGB16304	Computer Graphics	Bachelor	Autumn	6	
Fundamental Sciences	FMIGB11302	Computer Graphics	Bachelor	Autumn	4	
Fundamental Sciences	FMMMB16113	Discrete mathematics 1	Bachelor	Autumn	6	
Fundamental Sciences	FMMMB14101	Discrete Mathematics 1	Bachelor	Autumn	3	
Fundamental Sciences	FMGSB16102	Engineering and Computer Graphics	Bachelor	Autumn	3	
Fundamental Sciences	FMSAB14121	Fundamentals of Mathematical Analysis	Bachelor	Autumn	9	

Fundamental Sciences	<u>FMSAB16121</u>	Fundamentals of Mathematical Analysis	Bachelor	Autumn	9	
Fundamental Sciences	<u>FMIGB11101</u>	General Engineering Graphics	Bachelor	Autumn	4	
Fundamental Sciences	<u>FMFIB16115</u>	General Physics	Bachelor	Autumn	6	
Fundamental Sciences	<u>FMITB11507</u>	Human Computer Interaction	Bachelor	Autumn	3	
Fundamental Sciences	<u>FMSB16105</u>	Information Technology and Programming Introduction	Bachelor	Autumn	6	
Fundamental Sciences	<u>FMITB11708</u>	Information Technologies Services Management 1	Bachelor	Autumn	6 (2 ECTS for the project)	
Fundamental Sciences	<u>FMMTB16303</u>	Integral Mechanics	Bachelor	Autumn	6	
Fundamental Sciences	<u>FMSB16102</u>	Introduction to Software Engineering	Bachelor	Autumn	3	
Fundamental Sciences	<u>FMITB15537</u>	Management of Database 1	Bachelor	Autumn	6	
Fundamental Sciences	<u>FMMMB11101</u>	Mathematics 1	Bachelor	Autumn	6	
Fundamental Sciences	<u>FMMMB11107</u>	Mathematics 1	Bachelor	Autumn	7	
Fundamental Sciences	<u>FMMMB11105</u>	Mathematics 1	Bachelor	Autumn	3	
Fundamental Sciences	<u>FMMMB16111</u>	Mathematics 1	Bachelor	Autumn	6	
Fundamental Sciences	<u>FMMMB11305</u>	Mathematics 3	Bachelor	Autumn	6	
Fundamental Sciences	<u>FMMMB11307</u>	Mathematics 3	Bachelor	Autumn	7	
Fundamental Sciences	<u>FMMTB13307</u>	Mechanics of Materials	Bachelor	Autumn	5	
Fundamental Sciences	<u>FMMTB13301</u>	Mechanics of Materials 1	Bachelor	Autumn	4	
Fundamental Sciences	<u>FMMTB16305</u>	Mechanics of Materials 1	Bachelor	Autumn	3	
Fundamental Sciences	<u>FMITB14307</u>	Object-Oriented Programming	Bachelor	Autumn	6 (2 ECTS for the project)	
Fundamental Sciences	<u>FMITB14505</u>	Object-Oriented Programming Techniques	Bachelor	Autumn	6 (2 ECTS for the project)	
Fundamental Sciences	<u>FMITB11101</u>	Operating Systems	Bachelor	Autumn	6	
Fundamental Sciences	<u>FMITB16101</u>	Operating Systems	Bachelor	Autumn	6	
Fundamental Sciences	<u>FMITB14501</u>	Organisation of Computer Systems	Bachelor	Autumn	3	
Fundamental Sciences	<u>FMFIB16128</u>	Physics 1	Bachelor	Autumn	6	
Fundamental Sciences	<u>FMITB11502</u>	Principles of Project Management	Bachelor	Autumn	4	
Fundamental Sciences	<u>FMSAB14325</u>	Probability Theory and Mathematical Statistics	Bachelor	Autumn	6	
Fundamental Sciences	<u>FMITB11702</u>	Service Oriented Architecture	Bachelor	Autumn	6 (2 ECTS for the project)	

Fundamental Sciences	FMITB15708	Software Testing	Bachelor	Autumn	6	
Fundamental Sciences	FMITB15720	Workflow Applications	Bachelor	Autumn	3	
Mechanics	MEBMB11502	Automatic control	Bachelor	Autumn	5	
Mechanics	MEMIB11713	Bachelor Graduation Thesis 1	Bachelor	Autumn	3	Final Work (incompleted) in Mechanical Engineering. Requirement to be passed ≥ 180 ECTS from bachelor studies
Mechanics	MEMRB13713	Bachelor Graduation Thesis 1	Bachelor	Autumn	3	Final Work (incompleted) in Mechatronics. Requirement to be passed ≥ 180 ECTS from bachelor studies
Mechanics	MEMIB14503	Cutting Processes and Tools	Bachelor	Autumn	3	
Mechanics	MEMIB11723	Design of Machines and Instrument 2	Bachelor	Autumn	7	Course project is included
Mechanics	MEMIB11731	Design of Tools and Devices	Bachelor	Autumn	4	
Mechanics	MEMTB11344	Development of Materials and Technologies	Bachelor	Autumn	3	Optional course
Mechanics	MEMRB13501	Elements of Mechatronics	Bachelor	Autumn	4	
Mechanics	MEPMB11302	Evolution of Technical Developments	Bachelor	Autumn	3	Optional course
Mechanics	MEMRB14302	Introduction to Mechatronics and Robotics	Bachelor	Autumn	3	
Mechanics	MEMIB13544	Machines of Energy Transformation	Bachelor	Autumn	6	Course project is included
Mechanics	MEMTB14303	Materials in Mechatronics	Bachelor	Autumn	3	
Mechanics	MEMTB11303	Materials Science 2	Bachelor	Autumn	4	
Mechanics	MEMRB13703	Mechatronic Systems 1	Bachelor	Autumn	5	
Mechanics	MEMIB11748	Quality Management and Optimization	Bachelor	Autumn	5	
Mechanics	MEMRB13702	Robotics	Bachelor	Autumn	8	Course project is included
Mechanics	MEMRB13704	Robotics 2	Bachelor	Autumn	5	Project work is included
Mechanics	MEMIB11502	Theory and Practice of Measurement	Bachelor	Autumn	5	Project work is included
Mechanics	MEMIB11501	Theory and Practice of Measurements	Bachelor	Autumn	6	Project work is included
Mechanics	MEPMB16301	Theory of Mechanisms and Machines (with course project)	Bachelor	Autumn	9	Course project is included
Mechanics	MEMIM16301	Diagnostic and Monitoring	Master	Autumn	6	
Mechanics	MEMIM16102	Dynamics of Mechanical Systems	Master	Autumn	12	Course project is included
Mechanics	MEMRM14105	Experimental Research of Mechatronic System	Master	Autumn	6	
Mechanics	MEMRM16102	Experimental Research of Mechatronic Systems	Master	Autumn	9	
Mechanics	MEMIM16101	Fundamentals of Research and Innovation	Master	Autumn	3	
Mechanics	MEMIM16004	Human Resource Management at Industrial Enterprises	Master	Autumn	6	
Mechanics	MEMIM16002	Improvement and Innovation of Manufacturing Process	Master	Autumn	9	Course project is included

Mechanics	<u>MEMIM16011</u>	Innovative Product Design	Master	Autumn	9	Course project is included
Mechanics	<u>MEMIM16005</u>	Master Graduation Thesis 1	Master	Autumn	3	Final Work (incompleted) in Industrial Engineering and Innovation Management
Mechanics	<u>MEMIM16104</u>	Master Graduation Thesis 1	Master	Autumn	3	Final Work (incompleted) in Mechanical Engineering
Mechanics	<u>MEMRM14103</u>	Master Graduation Thesis 1	Master	Autumn	3	Final Work (incompleted) in Mechatronics.
Mechanics	<u>MEMIM16014</u>	Master Graduation Thesis 3	Master	Autumn	3	Final Work (incompleted) in Industrial Engineering and Innovation Management. Requirement to be passed Master Graduation Thesis 1 and 2, and ≥ 54 ECTS from master studies
Mechanics	<u>MEMIM16303</u>	Master Graduation Thesis 3	Master	Autumn	3	Final Work (incompleted) in Mechanical Engineering. Requirement to be passed Master Graduation Thesis 1 and 2, and ≥ 54 ECTS from master studies
Mechanics	<u>MEMRM14302</u>	Master Graduation Thesis 3	Master	Autumn	3	Final Work (incompleted) in Mechatronics. Requirement to be passed Master Graduation Thesis 1 and 2, and ≥ 54 ECTS from master studies
Mechanics	<u>MEMRM14104</u>	Mechanics of Mechatronic and Robotic Systems	Master	Autumn	9	Course project is included
Mechanics	<u>MEMRM16101</u>	Mechanics of Mechatronic and Robotic Systems	Master	Autumn	9	Course project is included
Mechanics	<u>MEMIM16003</u>	Operations Research	Master	Autumn	9	
Mechanics	<u>MEMRM16302</u>	Pneumatic and Hydraulic Systems	Master	Autumn	9	Course project is included
Mechanics	<u>MEMIM16013</u>	Products Quality	Master	Autumn	6	
Mechanics	<u>MEMIM16103</u>	Reliability of Mechanical Systems	Master	Autumn	6	
Mechanics	<u>MEMIM16305</u>	Simulation of Mechanical Systems	Master	Autumn	12	Course project is included
Mechanics	<u>MEMIM16012</u>	Supply Chain Management and International Manufacturing	Master	Autumn	9	
Mechanics	<u>MEMIM16302</u>	Theory of Flow	Master	Autumn	6	
Transport Engineering	<u>TILTB14310</u>	Transport Infrastructure	Bachelor	Autumn	4	individual course
Transport Engineering	<u>TITIB11709</u>	Vehicle Dynamics	Bachelor	Autumn	5	Individual course
Transport Engineering	<u>TITIB11711</u>	Equipment of Manufacturing of the Road-Building Materials	Bachelor	Autumn	6	Individual course
Transport Engineering	<u>TITIB11503</u>	Computer Aided Design and Modeling	Bachelor	Autumn	3	Individual course
Spring Semester Courses						
	<u>KILKB11023</u>	Lithuanian Language course for foreign students 1	A1	Both	3	Course starts in 3 weeks after beginning of the each semester

	KILKB11024	Lithuanian Language course for foreign students 2	A2	Both	3	Course starts in 3 weeks after beginning of the each semester
A. Gustaitis' Aviation Institute	AISVA15618	Air Law	B/M	Spring	4	
A. Gustaitis' Aviation Institute	AISVA11404	Fundamentals of Flight	B/M	Spring	4	
A. Gustaitis' Aviation Institute	AIAMB15609	Aviation engines	Bachelor	Spring	5	individual course
A. Gustaitis' Aviation Institute	AIAEB11803	Bachelor Graduation Thesis 2	Bachelor	Spring	6	individual course
A. Gustaitis' Aviation Institute	AIAEB14600	Flight theory and automated aircraft control	Bachelor	Spring	6	individual course
A. Gustaitis' Aviation Institute	AIAEB14800	Unmanned Aerial vehicles and their Systems	Bachelor	Spring	3	individual course
A. Gustaitis' Aviation Institute	AIAEM11212	Master Graduation Thesis 2	Master	Spring	3	individual course
Architecture	ARAPA16005	History and Composition of Lithuanian Architecture	Bachelor	Spring	6	
Architecture	ARARA16005	Architecture and technology	Bachelor	Spring	15	Main project (4 semester), students are allowed selecting only 1 main project per semester. Prior agreement of AF Erasmus coordinator needed
Architecture	ARAPA16021	Basics of Building Information Modeling	Bachelor	Spring	3	
Architecture	ARURB11605	Basics of Landscape Architecture	Bachelor	Spring	3	
Architecture	VVTEB11802	Construction and Territory Planning Law	Bachelor	Spring	3	
Architecture	ARAPB11614	Contemporary Architecture	Bachelor	Spring	3	
Architecture	ARDKA16004	Contemporary art project and architecture	Bachelor	Spring	3	
Architecture	ARURB11604	Development Project of Small Town	Bachelor	Spring	9(4)	Main project (6semester), students are allowed selecting only 1 main project per semester. Prior agreement of AF Erasmus coordinator needed
Architecture	APMSB11617	Engineering Equipment of Territories	Bachelor	Spring	3	
Architecture	ARARB11812	Interior	Bachelor	Spring	6(3)	Main project (8 semester), students are allowed selecting only 1 main project per semester. Prior agreement of AF Erasmus coordinator needed
Architecture	ARAGB11619	Language of Contemporary Arts and Architecture	Bachelor	Spring	3	
Architecture	ARAPB11816	Protection of Monuments and Regeneration	Bachelor	Spring	3	
Architecture	ARAPB11615	Urban History and Composition	Bachelor	Spring	5	

Business Management	<u>VVFRB16403</u>	Accounting and Auditing	Bachelor	Spring	6	
Business Management	<u>VVVTB16202</u>	Business Communication	Bachelor	Spring	3	Optional course
Business Management	<u>VVTEB16204</u>	Business Law	Bachelor	Spring	6	
Business Management	<u>VVTEB16403</u>	Business Law	Bachelor	Spring	3	
Business Management	<u>KIFKB16608</u>	Business Philosophy	Bachelor	Spring	3	
Business Management	<u>VVFRB11601</u>	Business Projects	Bachelor	Spring	6 (2)	Divided into Exam 4 ECTS and Course Project 2 ECTS
Business Management	<u>VVFRB11618</u>	Business Risk	Bachelor	Spring	3	
Business Management	<u>VVEVB11803</u>	Complex Project of Marketing Management	Bachelor	Spring	6	
Business Management	<u>VVFRB16404</u>	Course Project of Accounting and Auditing	Bachelor	Spring	3	
Business Management	<u>VVVTB16404</u>	Course Project of Quantitative Modeling Methods	Bachelor	Spring	3	
Business Management	<u>KIFKB15603</u>	Creative Economy	Bachelor	Spring	4	Optional course
Business Management	<u>VVSEB15601</u>	Economics of Public Sector	Bachelor	Spring	4	
Business Management	<u>VVVTB16201</u>	Engineering Principles	Bachelor	Spring	3	
Business Management	<u>VVFRB16401</u>	Enterprise Financial Management	Bachelor	Spring	6	
Business Management	<u>VVIEB16409</u>	Entrepreneurship (with course work)	Bachelor	Spring	6	
Business Management	<u>VVFRB16201</u>	Essentials of Financial Decisions	Bachelor	Spring	3	
Business Management	<u>VVEVB15801</u>	EU Economic Policy	Bachelor	Spring	3	
Business Management	<u>VVFRB11802</u>	Finance Management Complex Project	Bachelor	Spring	6	
Business Management	<u>VVFRB14603</u>	Financial Analysis	Bachelor	Spring	7 (2)	Divided into Exam 5 ECTS and Course Project 2 ECTS
Business Management	<u>VVFRB11801</u>	Financial Management	Bachelor	Spring	3	
Business Management	<u>VVFRB11619</u>	Financial Markets and Institutions	Bachelor	Spring	3	
Business Management	<u>VVIEB16403</u>	Human Resources Management	Bachelor	Spring	3	
Business Management	<u>VVVTB11801</u>	Information Management Systems	Bachelor	Spring	3	
Business Management	<u>VVEVB11602</u>	Innovation Management	Bachelor	Spring	6 (2)	Divided into Exam 4 ECTS and Course Project 2 ECTS
Business Management	<u>VVFRB14606</u>	Insurance Finance	Bachelor	Spring	4	optional course
Business Management	<u>VVEVB16202</u>	Intercultural Communication	Bachelor	Spring	3	Optional course
Business Management	<u>VVEVB15810</u>	International Economic Organisations and their Policy	Bachelor	spring	3	
Business Management	<u>VVEVB15811</u>	International Economic Relations Design	Bachelor	spring	7 (3)	Divided into Exam 4 ECTS and Course Project 3 ECTS
Business Management	<u>VVEVB15601</u>	International Economics	Bachelor	Spring	3	
Business Management	<u>VVFRB14604</u>	International Finance	Bachelor	Spring	4	

Business Management	<u>VVVTB15601</u>	Logistics	Bachelor	Spring	5	
Business Management	<u>VVSEB16401</u>	Macroeconomics	Bachelor	Spring	6	
Business Management	<u>VVSEB16202</u>	Management	Bachelor	Spring	3	
Business Management	<u>VVEVB15802</u>	Marketing Management	Bachelor	Spring	3	
Business Management	<u>VVIEB16201</u>	Microeconomics	Bachelor	Spring	6	
Business Management	<u>VVFRB11602</u>	Multinational Finance	Bachelor	Spring	6 (2)	Divided into Exam 4 ECTS and Course Project 2 ECTS
Business Management	<u>KIFKB15602</u>	Philosophy of Economics	Bachelor	Spring	3	
Business Management	<u>VVFRB11609</u>	Pricing	Bachelor	Spring	5	
Business Management	<u>FMSAB16206</u>	Probability Theory and Mathematical Statistics	Bachelor	Spring	9	
Business Management	<u>VVEVB15812</u>	Processes of Globalisation	Bachelor	spring	3	
Business Management	<u>VVIEB11677</u>	Production Economics	Bachelor	Spring	4	optional course
Business Management	<u>VVEVB16201</u>	Protocol and Etiquette	Bachelor	Spring	3	Optional course
Business Management	<u>VVFRB15601</u>	Public Finance	Bachelor	Spring	4	
Business Management	<u>VVVTB16403</u>	Quantitative Modeling Methods	Bachelor	Spring	6	
Business Management	<u>VVEVB16402</u>	Regional economics II: China	Bachelor	Spring	3	Optional course
Business Management	<u>VVEVB16404</u>	Regional Economics II: Nordic Countries	Bachelor	Spring	3	Optional course
Business Management	<u>VVEVB16403</u>	Regional Economics II: Russian and other CIS countries	Bachelor	Spring	3	Optional course
Business Management	<u>VVFRB11611</u>	Risk Management	Bachelor	Spring	7 (2)	Divided into Exam 5 ECTS and Course Project 2 ECTS
Business Management	<u>KIKVB16003</u>	Sociology	Bachelor	Spring	3	Optional course
Business Management	<u>KIKAB16226</u>	Speciality English Language 1	Bachelor	Spring	3	
Business Management	<u>KIKAB16249</u>	Speciality English Language 2	Bachelor	Spring	3	
Business Management	<u>VVFRB14605</u>	Valuation of Financial Instruments	Bachelor	Spring	4	optional course
Business Management	<u>VVFRM13108</u>	Anatomy and Management of Sustainable Development	Master	Spring	7	
Business Management	<u>VVFRM16201</u>	Contemporary Economics	Master	Spring	7	
Business Management	<u>VVEVM15202</u>	EU Economic Integration	Master	Spring	7	optional course
Business Management	<u>VVEVM16203</u>	EU Economic Integration	Master	Spring	7	
Business Management	<u>VVFRM16205</u>	Financial Systems (with course project)	Master	Spring	7	
Business Management	<u>VVEVM16207</u>	International Management (with course project)	Master	Spring	7	
Business Management	<u>VVFRM16206</u>	Management of Financial Investment (with course project)	Master	Spring	7	
Business Management	<u>VVVTM13201</u>	Managerial Information Technologies	Master	Spring	7	optional course

Business Management	<u>VVIEM13101</u>	Theory of Organization	Master	Spring	7	
Civil Engineering	<u>STMKB11807</u>	Aluminium and Structural Glass Structures	Bachelor	Spring	3	
Civil Engineering	<u>STKMB11642</u>	Applied Mathematics and Mechanics	Bachelor	Spring	4	
Civil Engineering	<u>STIAB16202</u>	Applied Physics	Bachelor	Spring	6	
Civil Engineering	<u>STGKB16419</u>	Basis of structural design	Bachelor	Spring	3	
Civil Engineering	<u>STSEB11606</u>	Construction Economics and Organization	Bachelor	Spring	3	
Civil Engineering	<u>VVSEB16460</u>	Economics	Bachelor	Spring	3	
Civil Engineering	<u>APGDB16054</u>	Engineering Geodesy	Bachelor	Spring	3	
Civil Engineering	<u>STGTB16402</u>	Engineering Geology	Bachelor	Spring	3	
Civil Engineering	<u>STGTB11819</u>	Foundation Engineering	Bachelor	Spring	5	course project is included
Civil Engineering	<u>STTSB11813</u>	Fundamental Design of Bridges	Bachelor	Spring	3	
Civil Engineering	<u>STSEB11814</u>	Fundamental of Construction Projects Management	Bachelor	Spring	3	
Civil Engineering	<u>STKMB11686</u>	Fundamentals of Elasticity Theory	Bachelor	Spring	3	
Civil Engineering	<u>FMIGB16203</u>	General Engineering and Digital Graphics	Bachelor	Spring	6	
Civil Engineering	<u>FMMMB16201</u>	Integral Calculus	Bachelor	Spring	6	
Civil Engineering	<u>STSMB16402</u>	Materials Science and Building Materials	Bachelor	Spring	6	
Civil Engineering	<u>FMMTB16401</u>	Mechanics of materials	Bachelor	Spring	6	
Civil Engineering	<u>APGDB16065</u>	Practice of Engineering Geodesy	Bachelor	Spring	3	
Civil Engineering	<u>STGKB11602</u>	Reinforced Concrete Structures 2	Bachelor	Spring	4	
Civil Engineering	<u>ELETB16201</u>	Smart electrical and electronics systems of buildings	Bachelor	Spring	3	
Civil Engineering	<u>KIKAB16204</u>	Speciality English Language	Bachelor	Spring	3	
Civil Engineering	<u>STMKB11602</u>	Steel Structures 2	Bachelor	Spring	5	course project is included
Civil Engineering	<u>STSTB16425</u>	Technology of construction processes	Bachelor	Spring	6	
Civil Engineering	<u>STKMM11307</u>	Analysis and Optimal Shakedown Design of Structures	Master	-	8	Semester is not important
Civil Engineering	<u>STSMM11243</u>	Chemistry of Building Materials	Master	Spring	5	
Civil Engineering	<u>STSMM11357</u>	Concrete Science	Master	-	6	Semester is not important
Civil Engineering	<u>STSMM11345</u>	Materials of Modified Structures	Master	Spring	6	
Creative Industries	<u>KIKVB12604</u>	Complex Project	Bachelor	Spring	7	individual courses
Creative Industries	<u>ARDKB13624</u>	Contemporary Visual Art as Communication	Bachelor	spring	5(2)	course project is included
Creative Industries	<u>KIFKB15606</u>	Cultural Narratives	Bachelor	Spring	5	
Creative Industries	<u>VVEVB12401</u>	Entertainment Marketing	Bachelor	Spring	3	
Creative Industries	<u>KIKVB11601</u>	Marketing Communications	Bachelor	Spring	5	individual courses

Creative Industries	<u>KIKVB12601</u>	Qualitative Media Reaseach Methods	Bachelor	Spring	5 (1)	course project is included
Creative Industries	<u>KIFKB15609</u>	Sports Industry	Bachelor	Spring	6	
Creative Industries	<u>KIKVB11606</u>	Theatrical Communication: Theory and Practice	Bachelor	Spring	6	
Creative Industries	<u>KIKVB11607</u>	Theories of Mass Communication	Bachelor	Spring	6	
Electronics	<u>ELESB16403</u>	Computer Architecture	Bachelor	Spring	6	
Electronics	<u>ELTLB16201</u>	Computer Logic	Bachelor	Spring	3	
Electronics	<u>ELESB11604</u>	Computer Networks	Bachelor	Spring	4	
Electronics	<u>ELKIB11620</u>	Computer Peripherals	Bachelor	Spring	5	
Electronics	<u>ELKIB16201</u>	Databases	Bachelor	Spring	3	
Electronics	<u>ELESB11609</u>	Digital Signal Processing	Bachelor	Spring	4	
Electronics	<u>ELAUB16201</u>	Electrical Engineering	Bachelor	Spring	6	
Electronics	<u>ELESB16401</u>	Electronic Devices	Bachelor	Spring	6	
Electronics	<u>Bus sukurtas</u>	Final thesis	Bachelor	Spring	15	prior agreement needed
Electronics	<u>ELAUB11601</u>	Human Safety	Bachelor	Spring	3	
Electronics	<u>ELESB16405</u>	Informatics Practicum	Bachelor	Spring	3	
Electronics	<u>ELESB16409</u>	Information Systems Analysis	Bachelor	Spring	6	
Electronics	<u>ELESB11612</u>	Microcontrollers Systems	Bachelor	Spring	5	
Electronics	<u>ELKIB11621</u>	Microprocessors and their Programming	Bachelor	Spring	5	
Electronics	<u>ELKIB11606</u>	Microwave Technology	Bachelor	Spring	4	prior agreement needed
Electronics	<u>ELESB11808</u>	Multimedia Technologies	Bachelor	Spring	3	
Electronics	<u>ELESB11805</u>	Network Programming	Bachelor	Spring	4	
Electronics	<u>ELTLB11604</u>	Telecommunication Technologies 1	Bachelor	Spring	6	prior agreement needed
Electronics	<u>ELETM11202</u>	Electrical Power Systems	Master	Spring	7	Deep knowledge of electronics and electrical engineering is required
Electronics	<u>APPEM11253</u>	Energy Technologies	Master	Spring	5	
Electronics	<u>ELKIM11401</u>	Final thesis	Master	Spring	30	prior agreement needed
Electronics	<u>ELAUM11201</u>	Modern Electric Drives	Master	Spring	6	
Electronics	<u>ELETM11203</u>	Systemotechnique, Gauges and Converters	Master	Spring	6	Deep knowledge of electronics and electrical engineering is required
Environmental Engineering	<u>STIAB16412</u>	Building Structures	Bachelor	Spring	3	
Environmental Engineering	<u>APPEB11111</u>	Buildings' Heating Systems	Bachelor	Spring	6	
Environmental Engineering	<u>VVFRB14601</u>	Business Projects	Bachelor	Spring	4	
Environmental Engineering	<u>ELETB11811</u>	Control of Technical Systems	Bachelor	Spring	4	
Environmental Engineering	<u>ELETB16207</u>	Electronics and Electrical Engineering	Bachelor	Spring	3	

Environmental Engineering	APGDB16052	Engineering geodesy	Bachelor	Spring	3	
Environmental Engineering	APPEB16405	Fluid Systems	Bachelor	Spring	6	
Environmental Engineering	APGDB11047	Geoinformation Systems	Bachelor	Spring	3	
Environmental Engineering	APPEB16404	Heat and Mass Transfer	Bachelor	Spring	6	several group
Environmental Engineering	STDGB11032	Human's Safety	Bachelor	Spring	3	
Environmental Engineering	APPEB16407	Indoor Climate (with course project)	Bachelor	Spring	6 (3)	Course project is included
Environmental Engineering	FMSAB16209	Integral Calculus	Bachelor	Spring	6	
Environmental Engineering	APVIB15014	Technologies of water resources	Bachelor	Spring	3	
Environmental Engineering	APVIB16006	Water supply and sewerage of the buildings	Bachelor	Spring	3	
Environmental Engineering	APGDM17042	Building Information Modeling	Master	Spring	6	
Environmental Engineering	STTSM14301	Composite Materials for Bridges	Master	Spring	6	
Environmental Engineering	APGDM17043	Digital Cartography	Master	Spring	6	
Environmental Engineering	APASM17212	Environmental Management	Master	Spring	9 (2,0)	Course project is included
Environmental Engineering	APASM17211	Environmental Policy, Law and Economy	Master	Spring	6	
Environmental Engineering	APASM17212	Environmental Audit	Master	Spring	3	
Environmental Engineering	APGDM17040	Geodetic Laser Scanning Technologies (with course project)	Master	Spring	6	
Environmental Engineering	APGDM17044	Geoinformation Systems Technology	Master	Spring	6	
Environmental Engineering	APASM17214	Life-Cycle Assessment	Master	Spring	3	
Environmental Engineering	APGDM17041	Remote Sensing Methods	Master	Spring	6	
Environmental Engineering	APKLM14302	Road and Streets Network Planning	Master	Spring	6	
Environmental Engineering	APVIM17017	Scientific Research and Innovations	Master	Spring	3	
Environmental Engineering	APMSM11213	Theory of Territorial Planning	Master	Spring	6	
Environmental Engineering	APASM17213	Waste Management	Master	Spring	9 (2,0)	Course project is included
Fundamental Sciences	FMISB16204	Algorithm and Data Structura	Bachelor	Spring	6	
Fundamental Sciences	FMFIB16214	Applied Physics	Bachelor	Spring	6	
Fundamental Sciences	FMFIB16216	Applied Physics	Bachelor	Spring	3	
Fundamental Sciences	FMISB16611	Artificial Intelligence and Knowledge Systems	Bachelor	Spring	6	
Fundamental Sciences	FMCHB16202	Chemistry	Bachelor	Spring	3	
Fundamental Sciences	FMITB14408	Cloud Computing	Bachelor	Spring	6	
Fundamental Sciences	FMITB11804	Computerised Learning Systems	Bachelor	Spring	3	
Fundamental Sciences	FMITB11811	Corporate Systems Architecture	Bachelor	Spring	3	
Fundamental Sciences	FMITB14809	Database Programming	Bachelor	Spring	3	

Fundamental Sciences	<u>FMMMB14202</u>	Discrete Mathematics 2	Bachelor	Spring	6	
Fundamental Sciences	<u>FMMMB16202</u>	Discrete Mathematics 2	Bachelor	Spring	6	
Fundamental Sciences	<u>FMMTB13251</u>	Engineering Mechanics	Bachelor	Spring	6	
Fundamental Sciences	<u>FMITB15605</u>	Fundamentals of Business Process Management	Bachelor	Spring	6	
Fundamental Sciences	<u>FMIGB16203</u>	General Engineering and Digital Graphics	Bachelor	Spring	6	
Fundamental Sciences	<u>FMIGB16001</u>	General Engineering Graphics	Bachelor	Spring	6	
Fundamental Sciences	<u>FMIGB16003</u>	General Engineering Graphics	Bachelor	Spring	6	
Fundamental Sciences	<u>FMIGB11203</u>	General Engineering Graphics	Bachelor	Spring	3	
Fundamental Sciences	<u>FMISB16000</u>	Information Security Fundamentals	Bachelor	Spring	6	
Fundamental Sciences	<u>FMITB11814</u>	Information Technologies Service Management 2	Bachelor	Spring	3	
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>FMITB15604</u>	Management of Database 2	Bachelor	Spring	3	
Fundamental Sciences	<u>FMMMB11210</u>	Mathematics 2	Bachelor	Spring	5	
Fundamental Sciences	<u>FMMMB16211</u>	Mathematics 2	Bachelor	Spring	6	
Fundamental Sciences	<u>FMMTB13409</u>	Mechanics of Materials	Bachelor	Spring	6	
Fundamental Sciences	<u>FMMTB13401</u>	Mechanics of Materials 2	Bachelor	Spring	3	
Fundamental Sciences	<u>FMMTB16409</u>	Mechanics of Materials 2	Bachelor	Spring	6	
Fundamental Sciences	<u>FMITB11414</u>	Object-Oriented Design	Bachelor	Spring	3	
Fundamental Sciences	<u>FMFIB16229</u>	Physics 2	Bachelor	Spring	3	
Fundamental Sciences	<u>FMITB14207</u>	Procedural Programming	Bachelor	Spring	6	
Fundamental Sciences	<u>FMITB16208</u>	Procedural Programming	Bachelor	Spring	6	
Fundamental Sciences	<u>FMISB16406</u>	Software Systems Engineering	Bachelor	Spring	6	
Mechanics	<u>MEMIB11814</u>	Bachelor Graduation Thesis 2	Bachelor	Spring	5	Final Work (incompleted) in Mechanical Engineering. Requirement to be passed Bachelor Graduation Thesis 1 and ≥ 207 ECTS from bachelor studies
Mechanics	<u>MEMRB13814</u>	Bachelor Graduation Thesis 2	Bachelor	Spring	5	Requirement to be passed Bachelor Graduation Thesis 1 and ≥ 207 ECTS from bachelor studies
Mechanics	<u>MEMIB11815</u>	Bachelor Graduation Thesis 3	Bachelor	Spring	10	Final Work (completed and defended) in Mechanical Engineering. Requirement to be passed Bachelor Graduation Thesis 1 and 2, and ≥ 207 ECTS from bachelor studies

						Final Work (completed and defended) in Mechatronics. Requirement to be passed Bachelor Graduation Thesis 1 and 2, and ≥ 207 ECTS from bachelor studies
Mechanics	MEMRB13815	Bachelor Graduation Thesis 3	Bachelor	Spring	10	
Mechanics	MEMRB13609	CAD/CAM/CAE	Bachelor	Spring	5	
Mechanics	MEMIB13629	Computer Aided Design of Technological Processes	Bachelor	Spring	3	
Mechanics	MEMIB13608	Design of Machines and Instrument 1	Bachelor	Spring	4	
Mechanics	MEMRB14801	Design of Mechatronic and CAD/CAM Systems. Complex Project	Bachelor	Spring	5	
Mechanics	MEMRB14601	Design of Mechatronic and Robotic Systems	Bachelor	Spring	7	Project work is included
Mechanics	MEMIB14832	Design of Technological Equipment in CAD/CAM Systems. Complex Project	Bachelor	Spring	5	
Mechanics	MEMIB14606	Ecological Design	Bachelor	Spring	5	
Mechanics	MEMIB11820	Equipment Assembly Technology	Bachelor	Spring	4	
Mechanics	MEMTB11828	Joining Technologies	Bachelor	Spring	3	
Mechanics	MEPMB11401	Machine Elements	Bachelor	Spring	5	Project work is included
Mechanics	MEPMB16401	Machine Elements (with course project)	Bachelor	Spring	6	Course project is included
Mechanics	MEMTB11201	Materials science 1	Bachelor	Spring	3	
Mechanics	MEMIB13402	Mechanical, laser and another manufacturing technologies	Bachelor	Spring	3	
Mechanics	MEMRB13835	Mechatronic Systems 2	Bachelor	Spring	4	
Mechanics	MEMIB13607	Production Technology of Machines and Instruments	Bachelor	Spring	4	
Mechanics	MEMIB14601	Quality Management	Bachelor	Spring	3	
Mechanics	MEMRB13801	Robotical Technology	Bachelor	Spring	6	
Mechanics	MEMRB14603	Robotics 1	Bachelor	Spring	7	
Mechanics	MEMIB11819	Tribology	Bachelor	Spring	3	
Mechanics	MEMRM14206	Control of Mechatronic Systems	Master	Spring	6	
Mechanics	MEMRM13311	Control of Mechatronic Systems	Master	Spring	6	
Mechanics	MEMIM16205	Design of Mechanical Systems	Master	Spring	12	Course project is included
Mechanics	MEMRM14203	Diagnostics in Mechatronics	Master	Spring	6	
Mechanics	MEMIM16206	Engineering Ecology	Master	Spring	3	
Mechanics	MEMIM16202	Experimental Mechanics	Master	Spring	6	
Mechanics	MEMIM16009	Information Systems of Production Management	Master	Spring	6	
Mechanics	MEMIM16008	Innovation Strategy and Tactics	Master	Spring	6	

Mechanics	MEMIM16007	Manufacturing Simulation and Industrial Production Systems	Master	Spring	6	
Mechanics	MEMIM16006	Marketing of Industrial Products and Investment Management	Master	Spring	9	Course project is included
Mechanics	MEMIM16010	Master Graduation Thesis 2	Master	Spring	3	Final Work (incompleted) in Industrial Engineering and Innovation Management. Requirement to be passed Master Graduation Thesis 1 and ≥ 27 ECTS from master studies
Mechanics	MEMIM16204	Master Graduation Thesis 2	Master	Spring	3	Final Work (incompleted) in Mechanical Engineering. Requirement to be passed Master Graduation Thesis 1 and ≥ 27 ECTS from master studies
Mechanics	MEMRM14201	Master Graduation Thesis 2	Master	Spring	3	Final Work (incompleted) in Mechatronics. Requirement to be passed Master Graduation Thesis 1 and ≥ 27 ECTS from master studies
Mechanics	MEMIM16015	Master Graduation Thesis 4	Master	Spring	30	Final Work (completed and defended) in Industrial Engineering and Innovation Management. Requirement to be passed Master Graduation Thesis 1, 2 and 3, and ≥ 81 ECTS from master studies
Mechanics	MEMIM16401	Master Graduation Thesis 4	Master	Spring	30	Final Work (completed and defended) in Mechanical Engineering. Requirement to be passed Master Graduation Thesis 1, 2 and 3, and ≥ 81 ECTS from master studies
Mechanics	MEMRM14401	Master Graduation Thesis 4	Master	Spring	30	Final Work (completed and defended) in Mechatronics. Requirement to be passed Master Graduation Thesis 1, 2 and 3, and ≥ 81 ECTS from master studies
Mechanics	MEMRM13310	Modeling of Mechatronic Systems	Master	Spring	9	Course project is included
Mechanics	MEMRM14205	Modeling of Mechatronic Systems	Master	Spring	9	Course project is included
Mechanics	MEMRM14204	Sensors in Mechatronics	Master	Spring	6	
Mechanics	MEMRM14202	Smart Materials in Mechatronics	Master	Spring	6	Optional course
Mechanics	MEMIM16201	Theory of Engineering Experiment	Master	Spring	6	Course project is included
Transport Engineering	TITVB11608	Basics of Logistics	Bachelor	Spring	5	Individual course
Transport Engineering	TIGEB11605	Railway Traffic Safety	Bachelor	Spring	4	Individual course
Transport Engineering	TIATB16203	Structural and Exploitational Materials of Road Vehicles	Bachelor	Spring	6	

Transport Engineering	<u>TIATB16401</u>	Transport Means	Bachelor	Autumn	3	Individual course
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