

**VILNIUS GEDIMINAS TECHNICAL UNIVERSITY (VILNIUS TECH)**  
 LIST OF COURSES OFFERED IN ENGLISH (updated on 17th October 2022)  
 2023/2024 ACADEMIC YEAR



Pages 1-7 Autumn/Winter semester's courses

Pages 7-12 Spring/Summer semester's courses

Faculty	Department	Course Code	Course	Level	ECTS
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIA21117	Principles of Flight and Aircraft Performance	Integrated Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIM22203	Microsatellite Engineering	Master Degree Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIM22301	Remote Monitoring	Master Degree Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIM22101	Introduction to UAV Technology	Master Degree Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIM22184	Research Work 1	Master Degree Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aviation Technologies	AISVA22704	Aviation English 5	Integrated Studies	3
Antanas Gustaitis' Aviation Institute	Department of Aviation Technologies	AISVA19503	Aviation English 3	Integrated Studies	3
Antanas Gustaitis' Aviation Institute	Department of Aviation Technologies	AISVA19501	Air Law	Integrated Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aviation Technologies	AISVA16510	Air traffic control rules and procedures	Integrated Studies	3
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIB22502	Communication Systems and Electrical Equipment of Air Traffic Control Centres	Integrated Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIA22504	Aircraft general knowledge: electronics	Integrated Studies	3
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIA22503	Aircraft General Knowledge: airframe	Integrated Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIA22501	Aircraft General Knowledge: systems	Integrated Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIA17025	Aircraft Radar Systems	Integrated Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIA17024	Fundamentals of Research and Innovation	Integrated Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIM22300	Aerospace Structures and Materials	Master Degree Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIA22502	General knowledge of aircraft: power plant	Integrated Studies	6
Faculty of Environmental Engineering	Department of Environment Protection and Water Engineering	APAVM17263	Ecological Design	Master Degree Studies	6
Faculty of Environmental Engineering	Department of Environment Protection and Water Engineering	APAVB17050	Sustainable Environment (Introduction to Specialty)	Bachelor Degree Studies	3
Faculty of Environmental Engineering	Department of Environment Protection and Water Engineering	APAVB17205	Water and Wastewater	Bachelor Degree Studies	6
Faculty of Environmental Engineering	Department of Environment Protection and Water Engineering	APAVM17131	Cleaner Production (with course project)	Master Degree Studies	6
Faculty of Environmental Engineering	Department of Environment Protection and Water Engineering	APAVM20105	Environmental Politics, Law and Economics	Master Degree Studies	6
Faculty of Environmental Engineering	Department of Building Energetics	APPEB16303	Engineering Thermodynamics	Bachelor Degree Studies	6
Faculty of Environmental Engineering	Department of Building Energetics	APPEB16716	Renewable Energy Technologies	Bachelor Degree Studies	6
Faculty of Environmental Engineering	Department of Environment Protection and Water Engineering	APAVM17134	Physical Pollution and Reduction Technology	Master Degree Studies	6

Faculty of Environmental Engineering	Department of Environment Protection and Water Engineering	APAVM17133	Innovative Environmental Protection Technologies (with course project)	Master Degree Studies	6
Faculty of Environmental Engineering	Department of Environment Protection and Water Engineering	APAVB17054	Prevention of Environmental Pollution	Bachelor Degree Studies	6
Faculty of Architecture	Department of Architectural Fundamentals, Theory and Arts	ARPGA17013	Modern and Contemporary Architecture	Integrated Studies	3
Faculty of Architecture	Department of Architectural Fundamentals, Theory and Arts	ARPGA17011	History of Architecture 2	Integrated Studies	3
Faculty of Architecture	Department of Architectural Fundamentals, Theory and Arts	ARPGA17004	Sculpture and painting backgrounds	Integrated Studies	3
Faculty of Architecture	Department of Architectural Fundamentals, Theory and Arts	ARPGA17002	Drawing 1	Integrated Studies	6
Faculty of Architecture	Department of Urban Design	ARURA16001	Architecture and Community	Integrated Studies	15
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRM17316	Microprocessor Control	Master Degree Studies	6
Faculty of Electronics	Department of Electronic Systems	ELESB16301	Fundamentals of Electronics	Bachelor Degree Studies	6
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRM17101	Radio Communications and Their Applications	Master Degree Studies	9
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRB20702	Computer Networks and Security	Bachelor Degree Studies	6
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRM17309	Internet of Things (with Course Project)	Master Degree Studies	9
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRM17306	Microcontrollers of ARM Architecture	Master Degree Studies	9
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRB20704	Devices with Programable Microsystems	Bachelor Degree Studies	3
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRB16514	The Basics of Microcontrollers	Bachelor Degree Studies	6
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRB20703	Programable Microsystems	Bachelor Degree Studies	3
Faculty of Electronics	Department of Electronic Systems	ELESB16506	Theory of Electromagnetic Field	Bachelor Degree Studies	3
Faculty of Electronics	Department of Electronic Systems	ELESM17105	Intelligent Systems	Master Degree Studies	6
Faculty of Electronics	Department of Electronic Systems	ELESM17103	Fundamentals of Research and Innovations	Master Degree Studies	6
Faculty of Electronics	Department of Electronic Systems	ELESB16504	Operating System Concepts	Bachelor Degree Studies	3
Faculty of Electronics	Department of Electronic Systems	ELESB20722	Digital Signal Processing Tools	Bachelor Degree Studies	6
Faculty of Electronics	Department of Electronic Systems	ELESB20724	Software Design	Bachelor Degree Studies	6
Faculty of Electronics	Department of Electronic Systems	ELESB16522	Signals and Systems	Bachelor Degree Studies	6
Faculty of Electronics	Department of Electronic Systems	ELESB16520	Information Coding	Bachelor Degree Studies	3
Faculty of Electronics	Department of Electronic Systems	ELESB16517	Digital Devices	Bachelor Degree Studies	6
Faculty of Electronics	Department of Electronic Systems	ELESB16513	Operating System Concepts	Bachelor Degree Studies	6
Faculty of Electronics	Department of Electronic Systems	ELESB16502	Digital Devices	Bachelor Degree Studies	6
Faculty of Electronics	Department of Electronic Systems	ELESB16501	Signals and Circuits 2	Bachelor Degree Studies	6
Faculty of Electronics	Department of Electronic Systems	ELESB16302	Script Programming	Bachelor Degree Studies	6
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRM17103	Mathematical Modelling Technologies	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Systems	FMISM17100	Fundamentals of Scientific Research and Innovations	Master Degree Studies	3
Faculty of Fundamental Sciences	Department of Information Systems	FMISB16204	Algorithms and Data Structures	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Systems	FMISB18500	Cryptography and Information Security	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Systems	FMISM17302	Secure Programming	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Systems	FMISB16101	Information Technologies	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Systems	FMISM20301	Information Security Management	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Systems	FMISM20101	Information Technology Security Methods	Master Degree Studies	9
Faculty of Fundamental Sciences	Department of Physics	FMFIB19122	Physics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Physics	FMFIB18401	Optics and Lasers	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Physics	FMFIB16128	Physics 1	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Physics	FMFIB16124	Physics	Bachelor Degree Studies	6

Faculty of Fundamental Sciences	Department of Physics	FMFIB16119	General Physics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Physics	FMFIB16115	General Physics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Physics	FMFIB16113	General Physics	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Mathematical Statistics	FMSAB20325	Probability Theory and Mathematical Statistics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Statistics	FMSAB19310	Probability Theory and Mathematical Statistics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Statistics	FMSAB18518	Data Analysis with Python	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Mathematical Statistics	FMSAB16121	Fundamentals of Mathematical Analysis	Bachelor Degree Studies	9
Faculty of Fundamental Sciences	Department of Mathematical Statistics	FMSAB16108	Algebra and Differential Calculus	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Statistics	FMSAB16101	Algebra and Differential Calculus	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Statistics	FMSAB16105	Linear Algebra and Mathematical Analysis	Bachelor Degree Studies	9
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHM20302	Cell Technologies	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHM22311	Tissue Engineering	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHM17310	Diagnostic Nano-biotechnology	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHM17116	Systems Biology	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHM17114	Nanomaterials	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHM17113	Gene Engineering	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHM17110	Cell Biology	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB23708	Ecological Biotechnology	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB19707	Fundamentals of Immunology	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB19503	Microbiologic Technology (with course work)	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB19104	General Chemistry	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB17501	Bioethics	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB16702	Bioengineering (Processes and Apparatus of Biotechnology)	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB16701	Pharmaceutical Biotechnology	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB16503	Fundamentals of Biochemistry	Bachelor Degree Studies	9
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB16502	Molecular and Cell Biology	Bachelor Degree Studies	9
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB16302	Organic Chemistry	Bachelor Degree Studies	9
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB16301	Chemical Thermodynamics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB16109	Chemistry	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB16106	Chemistry	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB16102	Chemistry	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB16101	Chemistry	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Information Technologies	FMITB19524	Enterprise Governance of Information and Technology	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Technologies	FMITB20701	Process Automatization	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Information Technologies	FMITB22705	Project of Information Technology Development	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Technologies	FMITB16502	Principles of Project Management	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Information Technologies	FMITB16101	Operating Systems	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Technologies	FMITB19108	Procedural Programming	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Graphical Systems	FMGSB23101	Media Production	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Graphical Systems	FMGSB17316	Geometrical Modelling	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Graphical Systems	FMGSB16307	Web Programming (with course project)	Bachelor Degree Studies	6

Faculty of Fundamental Sciences	Department of Graphical Systems	FMGSB16302	Basics of Graphical Design	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Graphical Systems	FMGSB16101	Operating Systems	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Graphical Systems	FMGSB19301	Design of Multimedia Elements	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Graphical Systems	FMGSB16102	Engineering and Computer Graphics	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Graphical Systems	FMGSB19202	Digital Image Technology	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Engineering Graphics	FMIGB23301	Applied Engineering Graphics	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Engineering Graphics	FMIGB16302	Object-Oriented, Parametric Modeling BIM 1	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Engineering Graphics	FMIGB16004	Applied Engineering Graphics	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Engineering Graphics	FMIGB16203	General Engineering and Digital Graphics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Engineering Graphics	FMIGB22101	Computer Graphics	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Engineering Graphics	FMIGB17002	Technical Drawing	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Engineering Graphics	FMIGB16301	Applied Engineering Graphics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMA16111	Mathematical Models of Modern Architecture	Integrated Studies	3
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMM19101	Numerical Methods	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMB16311	Mathematics 3	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMB16310	Mathematical Analysis and Probability Theory	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMB16301	Probability Theory and Mathematical Statistics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMB16111	Mathematics 1	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMB16110	Linear Algebra and Differential Calculus	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMB16109	Mathematics for Bioengineering	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMB16102	Discrete Mathematics 1	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMB16101	Algebra and Differential Calculus	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Systems	FMISM22304	Ethical, Legal and Human Aspects of Information Security	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Systems	FMISM22302	Information System Security	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Systems	FMISM20302	Cyber Forensics (with course work )	Master Degree Studies	9
Faculty of Fundamental Sciences	Department of Information Systems	FMISM20102	Cryptographic Systems	Master Degree Studies	9
Faculty of Creative Industries	Division of Lithuanian Language	KILSB18001	Lithuanian Language 1 (for Foreign Students)	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Entertainment industries	KIPB17070	Music Industry	Bachelor Degree Studies	3
Faculty of Creative Industries	Division of Foreign Languages	KIUSB18104	English Language for the Media	Bachelor Degree Studies	3
Faculty of Creative Industries	Division of Foreign Languages	KIUSB18101	English for Creative Communication	Bachelor Degree Studies	3
Faculty of Creative Industries	Division of Foreign Languages	KIUSB17101	English Language	Bachelor Degree Studies	3
Faculty of Creative Industries	Division of Foreign Languages	KIUSB17098	Speciality English Language 1	Bachelor Degree Studies	3
Faculty of Creative Industries	Division of Foreign Languages	KIUSB17179	English Language	Bachelor Degree Studies	3
Faculty of Creative Industries	Division of Foreign Languages	KIUSB17170	Speciality English Language 2	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Creative Communication	KIKOB18301	Quantitative Research (with Course Paper)	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Creative Communication	KIKOB17210	Sociology	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Creative Communication	KIKOB17052	Creative Business	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Creative Communication	KIKOB17050	Business Communication	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Creative Communication	KIKOB18701	Electronic Communication and Social Networks	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Creative Communication	KIKOB18501	Journalism and Content Strategy	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Creative Communication	KIKOB18201	Popular Culture Studies (with Course Paper)	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Creative Communication	KIKOB17054	Media Studies (with Course Project)	Bachelor Degree Studies	6

Faculty of Creative Industries	Department of Creative Communication	KIKOB20101	Introduction to the Speciality	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Philosophy and Cultural Studies	KIFSB18302	Creative Writing	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Philosophy and Cultural Studies	KIFSB22146	Philosophy of Technology	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Philosophy and Cultural Studies	KIFSB17128	Ethics	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Philosophy and Cultural Studies	KIFSB17126	Ethics	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Philosophy and Cultural Studies	KIFSA17209	Sociology	Integrated Studies	3
Faculty of Creative Industries	Department of Philosophy and Cultural Studies	KIFSA17006	Logic	Integrated Studies	3
Faculty of Creative Industries	Department of Philosophy and Cultural Studies	KIFSB17127	Logic	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Philosophy and Cultural Studies	KIFSB17107	Philosophy	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Philosophy and Cultural Studies	KIFSB23121	Cultural Studies	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Philosophy and Cultural Studies	KIFSB18301	Media Ethics	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Philosophy and Cultural Studies	KIFSB17109	Philosophy	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Philosophy and Cultural Studies	KIFSB17108	Philosophy	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Entertainment industries	KIPIB20501	Photography Studies	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Entertainment industries	KIPIB18303	Script Writing	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Entertainment industries	KIPIB18505	Film Industry	Bachelor Degree Studies	3
Faculty of Creative Industries	Division of Foreign Languages	KIUSB17167	Speciality English Language	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM22201	Digital Manufacturing	Master Degree Studies	6
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM22203	Enterprise Resource Planning	Master Degree Studies	6
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM17365	Simulation of Mechanical Systems (with course project)	Master Degree Studies	12
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM17344	Human Resource Management and Leadership	Master Degree Studies	6
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM17342	Improvement and Innovation of Manufacturing Process (with course work)	Master Degree Studies	9
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM17341	Fundamentals of Research and Innovation	Master Degree Studies	3
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM17338	Dynamics of Mechanical Systems (with course work)	Master Degree Studies	12
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM17343	Supply Chain Management and International Manufacturing	Master Degree Studies	9
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB23001	Joining Technologies	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB22702	Numerical Design of Manufacturing Technologies (with course project)	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB17222	Design of Machines and Instruments 2 (with course project)	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB17158	Cutting Processes and Tools	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB17383	Materials Science 2	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM91004	Models Development	Master Degree Studies	6
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM20302	Theory of Flow	Master Degree Studies	6
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM20101	Reliability of Mechanical Systems	Master Degree Studies	6
Faculty of Mechanics	Department of Biomechanical Engineering	MEBIM17072	Tissue Engineering and Regenerative Medicine	Master Degree Studies	6
Faculty of Mechanics	Department of Biomechanical Engineering	MEBIB17028	Automatic Control	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSM17174	Master Graduation Thesis 3	Master Degree Studies	3
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSM17152	Master Graduation Thesis 1	Master Degree Studies	3
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSM17175	Pneumatic and Hydraulic Systems (with course project)	Master Degree Studies	9
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSM17156	Experimental Research of Mechatronic Systems	Master Degree Studies	9

Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSM17155	Mechanics of Mechatronic and Robotic Systems (with course project)	Master Degree Studies	9
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB23501	Mechatronic Systems 1	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB23301	Theory of Mechanisms and Machines (with course project)	Bachelor Degree Studies	9
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB22101	Introduction to Engineering Programming	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB21301	Computer Aided Design	Bachelor Degree Studies	9
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB21103	Software of Applied Artificial Intelligence	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB21102	Introduction to Engineering Programming	Bachelor Degree Studies	9
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB21101	Applied Artificial Intelligence	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB17780	Design of Mechatronic and Digital Production Systems. Complex Project	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB17116	Bachelor Graduation Thesis 1	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB17110	Robotics	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB17106	Introduction to Mechatronics and Robotics	Bachelor Degree Studies	3
Faculty of Civil Engineering	Department of Building Materials and Fire Safety	STGSB17049	Human's Safety	Bachelor Degree Studies	3
Faculty of Civil Engineering	Department of Applied Mechanics	STTMB22049	Mechanics of Materials 1	Bachelor Degree Studies	3
Faculty of Civil Engineering	Department of Applied Mechanics	STTMB17107	Dynamics and Stability of Buildings	Bachelor Degree Studies	3
Faculty of Civil Engineering	Department of Applied Mechanics	STTMB17046	Mechanics of Materials	Bachelor Degree Studies	6
Faculty of Civil Engineering	Department of Applied Mechanics	STTMB17047	Integral Mechanics	Bachelor Degree Studies	6
Faculty of Civil Engineering	Department of Applied Mechanics	STTMB17103	Structural Mechanics and Fundamentals of Elasticity Theory	Bachelor Degree Studies	6
Faculty of Civil Engineering	Department of Reinforced Concrete Structures and Geotechnics	STGGM17137	Design of Precast and Prestressed Reinforced Concrete Structures	Master Degree Studies	9
Faculty of Civil Engineering	Department of Building Materials and Fire Safety	STGSM17122	Fundamentals of Research and Innovation	Master Degree Studies	3
Faculty of Civil Engineering	Department of Building Materials and Fire Safety	STGSB17036	Human's Safety and Environmental Protection	Bachelor Degree Studies	3
Faculty of Civil Engineering	Department of Building Materials and Fire Safety	STGSB17038	Human's Safety	Bachelor Degree Studies	3
Faculty of Civil Engineering	Department of Applied Mechanics	STTMB21038	Engineering Mechanics	Bachelor Degree Studies	6
Faculty of Civil Engineering	Department of Building Materials and Fire Safety	STGSB17169	Materials Science and Building Materials	Bachelor Degree Studies	3
Faculty of Civil Engineering	Department of Building Materials and Fire Safety	STGSB17170	Materials Science and Building Materials	Bachelor Degree Studies	3
Faculty of Transport Engineering	Department of Mobile Machinery and Railway Transport	TIMGM18169	Research in Transport Engineering	Master Degree Studies	3
Faculty of Transport Engineering	Department of Mobile Machinery and Railway Transport	TIMGM18166	The Finite Elements Method	Master Degree Studies	9
Faculty of Transport Engineering	Department of Mobile Machinery and Railway Transport	TIMGM17165	The Use of the Finite Elements Method in Continuum Mechanics	Master Degree Studies	6
Faculty of Transport Engineering	Department of Mobile Machinery and Railway Transport	TIMGB17125	Computer Aided Engineering for Transport Machinery	Bachelor Degree Studies	3
Faculty of Transport Engineering	Department of Mobile Machinery and Railway Transport	TIMGB17126	Vehicle Dynamics	Bachelor Degree Studies	6
Faculty of Transport Engineering	Department of Mobile Machinery and Railway Transport	TIMGB17124	Hydraulic and Pneumatic Systems (with course project)	Bachelor Degree Studies	6
Faculty of Transport Engineering	Department of Automobile Engineering	TIAIB17051	Internal Combustion Engines (with course project)	Bachelor Degree Studies	6
Faculty of Transport Engineering	Department of Automobile Engineering	TIAIM17100	Theory of Reliability of Transport Machinery	Master Degree Studies	6
Faculty of Business Management	Department of Management	VVKB17033	Marketing	Bachelor Degree Studies	6
Faculty of Business Management	Department of Law	VVTEB16304	Fundamentals of Law	Bachelor Degree Studies	3
Faculty of Business Management	Department of Law	VVTEB16702	Informatics Law	Bachelor Degree Studies	3
Faculty of Business Management	Department of Law	VVTEB16301	Contract Law	Bachelor Degree Studies	3
Faculty of Business Management	Department of Law	VVTEB16112	Law	Bachelor Degree Studies	3
Faculty of Business Management	Department of Financial Engineering	VVFRB19701	Financial Engineering	Bachelor Degree Studies	3

Faculty of Business Management	Department of Financial Engineering	VVFRB17705	Investment Management	Bachelor Degree Studies	3
Faculty of Business Management	Department of Financial Engineering	VVFRB17704	Personal Finance	Bachelor Degree Studies	3
Faculty of Business Management	Department of Management	VVKB17031	Marketing	Bachelor Degree Studies	3
Faculty of Business Management	Department of Management	VVKB17164	Management	Bachelor Degree Studies	3
Faculty of Business Management	Department of Management	VVKB19705	Course Project of Consumer Behaviour	Bachelor Degree Studies	3
Faculty of Business Management	Department of Management	VVKM17060	International Marketing and Communication (with course project)	Master Degree Studies	6
Faculty of Business Management	Department of Management	VVKM21102	Strategic Analysis of Business	Master Degree Studies	9
Faculty of Business Management	Department of Management	VVKA17133	Management	Integrated Studies	3
Faculty of Business Management	Department of Management	VVKB17105	Strategic Management	Bachelor Degree Studies	3
Faculty of Business Management	Department of Management	VVKB17170	Management	Bachelor Degree Studies	3
Faculty of Business Management	Department of Management	VVKB19706	Consumer Behaviour	Bachelor Degree Studies	6
Faculty of Business Management	Department of Management	VVKM17283	Management Theory	Master Degree Studies	6
Faculty of Business Management	Department of Management	VVKM20300	Leadership in Organizations (with course project)	Master Degree Studies	6
Faculty of Business Management	Department of Management	VVKM21101	Modern Organization Management	Master Degree Studies	9
Faculty of Business Management	Department of Management	VVKM21103	Organizational Behavior and Leadership	Master Degree Studies	9
Faculty of Business Management	Department of Business Technologies and Entrepreneurship	VTVB18301	Negotiation in Business	Bachelor Degree Studies	3
Faculty of Business Management	Department of Business Technologies and Entrepreneurship	VTVB19101	Business Fundamentals	Bachelor Degree Studies	3
Faculty of Business Management	Department of Business Technologies and Entrepreneurship	VTVB17068	Enterprise Organization and Management	Bachelor Degree Studies	6
Faculty of Business Management	Department of Financial Engineering	VVFRB16301	Accounting (with course work)	Bachelor Degree Studies	6
Faculty of Business Management	Department of Business Technologies and Entrepreneurship	VTVB17180	Total Quality Management	Bachelor Degree Studies	3
Faculty of Business Management	Department of Business Technologies and Entrepreneurship	VTVB17183	Production Technology and Management (with course work)	Bachelor Degree Studies	6
Faculty of Business Management	Department of Business Technologies and Entrepreneurship	VTVB17271	Project Preparation and Evaluation	Bachelor Degree Studies	3
Faculty of Business Management	Department of Business Technologies and Entrepreneurship	VTVB22201	Engineering Principles	Bachelor Degree Studies	3
Faculty of Business Management	Department of Business Technologies and Entrepreneurship	VTVB17072	Course Project of Enterprise Organization and Management	Bachelor Degree Studies	3
<b>Faculty</b>	<b>Department</b>	<b>Course Code</b>	<b>Course</b>	<b>Level</b>	<b>ECTS</b>
Antanas Gustaitis' Aviation Institute	Department of Aviation Technologies	AISVA19801	Aviation English 6	Integrated Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAA22702	-	Integrated Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIM17195	Master Graduation Thesis	Master Degree Studies	30
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIM19201	Computer-Aided Engineering (CAE)	Master Degree Studies	9
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIM22200	Astrodynamics	Master Degree Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIM22202	Unmanned Aerial vehicle Systems	Master Degree Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIM22204	Autonomous control of Unmanned Aerial Vehicles	Master Degree Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIA19801	Unmanned Aerial Vehicles and their Systems	Integrated Studies	3
Antanas Gustaitis' Aviation Institute	Department of Aviation Technologies	AISVB22605	Air Traffic Organization	Integrated Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aviation Technologies	AISVA22601	Meteorology	Integrated Studies	9
Antanas Gustaitis' Aviation Institute	Department of Aviation Technologies	AISVA20902	Computer-Aided Engineering (CAE)	Integrated Studies	6
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIM17188	Research Work 2	Master Degree Studies	3
Antanas Gustaitis' Aviation Institute	Department of Aviation Technologies	AISVA19603	Aviation English 4	Integrated Studies	3
Antanas Gustaitis' Aviation Institute	Department of Aviation Technologies	AISVA16803	Course Project	Integrated Studies	3
Antanas Gustaitis' Aviation Institute	Department of Aviation Technologies	AISVA16111	Master Graduation Thesis	Integrated Studies	30
Antanas Gustaitis' Aviation Institute	Department of Aeronautical Engineering	AIAIA22601	Aircraft general knowledge: instruments	Integrated Studies	3

Faculty of Environmental Engineering	Department of Geodesy and Cadastre	APGDM17044	Geoinformation Systems Technology	Master Degree Studies	6
Faculty of Environmental Engineering	Department of Geodesy and Cadastre	APGDB16054	Engineering Geodesy	Bachelor Degree Studies	3
Faculty of Environmental Engineering	Department of Geodesy and Cadastre	APGDB16052	Engineering Geodesy	Bachelor Degree Studies	3
Faculty of Environmental Engineering	Department of Geodesy and Cadastre	APGDM17040	Geodetic Laser Scanning Technologies (with course project)	Master Degree Studies	6
Faculty of Environmental Engineering	Department of Geodesy and Cadastre	APGDM17041	Remote Sensing Methods	Master Degree Studies	6
Faculty of Environmental Engineering	Department of Geodesy and Cadastre	APGDM17043	Real Estate Cadastre	Master Degree Studies	6
Faculty of Environmental Engineering	Department of Building Energetics	APPEB16404	Heat and Mass Transfer	Bachelor Degree Studies	6
Faculty of Environmental Engineering	Department of Building Energetics	APPEB16407	Indoor Climate (with course project)	Bachelor Degree Studies	6
Faculty of Architecture	Department of Urban Design	ARURA17003	Urban Structures	Integrated Studies	15
Faculty of Architecture	Department of Architectural Fundamentals, Theory and Arts	ARPGA17005	Contemporary art project and architecture	Integrated Studies	3
Faculty of Architecture	Department of Architectural Fundamentals, Theory and Arts	ARPGA17003	Drawing 2	Integrated Studies	6
Faculty of Architecture	Department of Architectural Fundamentals, Theory and Arts	ARPGA17010	History of Architecture 1	Integrated Studies	3
Faculty of Architecture	Department of Architectural Fundamentals, Theory and Arts	ARPGA17012	Architectural theory and composition	Integrated Studies	6
Faculty of Architecture	Department of Architectural Fundamentals, Theory and Arts	ARPGA17015	History of Urban Form and Composition	Integrated Studies	6
Faculty of Architecture	Department of Architectural Fundamentals, Theory and Arts	ARPGA22025	Theory of City Culture and Architectural Criticism	Integrated Studies	3
Faculty of Architecture	Department of Architectural Fundamentals, Theory and Arts	ARPGA17024	Protection of Immoveable Cultural Heritage	Integrated Studies	6
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRB16612	Microprocessors	Bachelor Degree Studies	6
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRB16613	Microwave Technology	Bachelor Degree Studies	3
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRB16202	Databases	Bachelor Degree Studies	3
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRB16201	Computer Logic	Bachelor Degree Studies	3
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRB20801	Development of Embedded Systems	Bachelor Degree Studies	6
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRB16403	Internet Protocol Essentials	Bachelor Degree Studies	6
Faculty of Electronics	Department of Electronic Systems	ELESB16603	Digital Signal Processing	Bachelor Degree Studies	6
Faculty of Electronics	Department of Electronic Systems	ELESB16602	Digital Signal Processing	Bachelor Degree Studies	6
Faculty of Electronics	Department of Electronic Systems	ELESB16801	Multimedia Systems	Bachelor Degree Studies	3
Faculty of Electronics	Department of Electronic Systems	ELESB16612	Microcontrollers Systems	Bachelor Degree Studies	6
Faculty of Electronics	Department of Electronic Systems	ELESB16604	Computer Networks	Bachelor Degree Studies	6
Faculty of Electronics	Department of Electronic Systems	ELESB16401	Electronic Devices	Bachelor Degree Studies	3
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRB16617	Computer Peripherals	Bachelor Degree Studies	3
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRB16822	Internet Technologies	Bachelor Degree Studies	3
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRM17208	Systems Design Using VHDL Language	Master Degree Studies	6
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRB16823	Microtechnologies	Bachelor Degree Studies	3
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRB16618	Development of Embedded Computers	Bachelor Degree Studies	6
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRM17210	Microcontrollers and Their Programming (with Course Project)	Master Degree Studies	9
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRM17209	Information and Systems Security	Master Degree Studies	6
Faculty of Electronics	Department of Computer Science and Communications Technologies	ELKRB16404	Computer Engineering Practicum	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Mathematical Statistics	FMSAB23201	Object-Oriented Programming (with course work)	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Statistics	FMSAB19370	Econometrics (course work)	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Mathematical Statistics	FMSAB19369	Econometrics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Statistics	FMSAB19209	Integral Calculus	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Statistics	FMSAB19206	Probability Theory and Mathematical Statistics	Bachelor Degree Studies	9



Faculty of Fundamental Sciences	Department of Mathematical Statistics	FMSAB16202	Integral Calculus	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHM17214	Immunotechnology	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHM17213	Research and Innovations	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHM17212	Nanomedicine	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHM17211	Stem Cell Biology and Technology (with course work)	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB19606	Biochemical Engineering and Biotechnology	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB19605	Fundamentals of Bioinformatics (complex project)	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB19603	Fundamentals of Chromatography (with course work)	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB19602	Fundamentals of Gene Engineering	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB19601	Biochemical Methods	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB19404	Fundamentals of Microbiology	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB19402	Chemistry of Natural Compounds	Bachelor Degree Studies	9
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB19401	Chemical Kinetics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB16204	Biology	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Chemistry and Bioengineering	FMCHB16203	Analytical Chemistry	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Technologies	FMITB16202	Practice	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Information Technologies	FMITB20437	Database Management	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Technologies	FMITB20601	Basics of Distributed Systems	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Technologies	FMITB20400	Database Systems	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Technologies	FMITB21610	Software Systems Testing	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Technologies	FMITB16429	Programming Techniques (with course project)	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Technologies	FMITB21201	Object-Oriented Programming (with course work)	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Graphical Systems	FMGSB19410	Design of Multimedia Elements (with course project)	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Graphical Systems	FMGSB16409	Computer Graphics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Graphical Systems	FMGSB22201	Human Computer Interaction	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Graphical Systems	FMGSB19201	Media Production	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Graphical Systems	FMGSB18210	Graphic Programming for Mobile Devices	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Engineering Graphics	FMIGB17001	General and Applied Engineering Graphics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Engineering Graphics	FMIGB23201	Object-Oriented, Parametric Modeling BIM 1	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Engineering Graphics	FMIGB16202	General Engineering Graphics	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Engineering Graphics	FMIGB16003	General Engineering Graphics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMB22301	Discrete Mathematics	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMB16207	Discrete Mathematics	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMB16211	Mathematics 2	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMB16210	Integrals, Differential Equations and Series	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMB16209	Probability Theory and Mathematical Statistics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMB16201	Integral Calculus	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Mathematical Modelling	FMMMB16202	Discrete Mathematics 2	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Systems	FMISM20201	Computer Networks and Operating System Security	Master Degree Studies	9
Faculty of Fundamental Sciences	Department of Information Systems	FMISM17202	Virtual Infrastructure and Cloud Computing Security	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Systems	FMISB19600	Artificial Intelligence and Knowledge Systems	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Information Systems	FMISB18800	Information Security Managment	Bachelor Degree Studies	6

Faculty of Fundamental Sciences	Department of Information Systems	FMISB16106	Information Technologies	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Systems	FMISM20202	Ethical Hacking Techniques (with course work)	Master Degree Studies	6
Faculty of Fundamental Sciences	Department of Information Systems	FMISB20600	Electronic Operation Systems	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Physics	FMFIB20401	Ultrasound and Waves	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Physics	FMFIB16229	Physics 2	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Physics	FMFIB16220	Applied Physics	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Physics	FMFIB16214	Applied Physics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Physics	FMFIB19223	Applied Physics	Bachelor Degree Studies	3
Faculty of Fundamental Sciences	Department of Physics	FMFIB19214	Environmental Physics	Bachelor Degree Studies	6
Faculty of Fundamental Sciences	Department of Physics	FMFIB16216	Applied Physics	Bachelor Degree Studies	3
Faculty of Creative Industries	Division of Lithuanian Language	KILSB18002	Lithuanian Language 2 (for Foreign Students)	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Entertainment industries	KIPIB23804	Organisational Culture	Bachelor Degree Studies	6
Faculty of Creative Industries	Division of Foreign Languages	KIUSB18110	English for Specific Purposes	Bachelor Degree Studies	3
Faculty of Creative Industries	Division of Foreign Languages	KIUSB17119	Speciality English Language	Bachelor Degree Studies	3
Faculty of Creative Industries	Division of Foreign Languages	KIUSB17116	Speciality English Language	Bachelor Degree Studies	3
Faculty of Creative Industries	Division of Foreign Languages	KIUSB17185	Speciality English Language	Bachelor Degree Studies	3
Faculty of Creative Industries	Division of Foreign Languages	KIUSB17152	English Language	Bachelor Degree Studies	3
Faculty of Creative Industries	Division of Foreign Languages	KIUSB17146	Speciality English Language 2	Bachelor Degree Studies	3
Faculty of Creative Industries	Division of Foreign Languages	KIUSB17188	Speciality English Language	Bachelor Degree Studies	3
Faculty of Creative Industries	Division of Foreign Languages	KIUSA17005	Speciality English Language	Integrated Studies	3
Faculty of Creative Industries	Division of Foreign Languages	KIUSB17129	Speciality English Language 1	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Creative Communication	KIKOB18601	Advertising (with course work)	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Creative Communication	KIKOB17077	Integrated Project	Bachelor Degree Studies	9
Faculty of Creative Industries	Department of Creative Communication	KIKOB20102	Digital Communication	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Creative Communication	KIKOB18402	Qualitative Research (with Course Paper)	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Creative Communication	KIKOB17065	Public Relations	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Creative Communication	KIKOB22102	Electronic Communication and Social Networks	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Creative Communication	KIKOB18401	Visual Communication (with Course Paper)	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Creative Communication	KIKOB20105	Innovation Management	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Creative Communication	KIKOB18202	Mass Communication (with Course Paper)	Bachelor Degree Studies	6
Faculty of Creative Industries	Department of Philosophy and Cultural Studies	KIFSB17109	Philosophy	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Philosophy and Cultural Studies	KIFSB17107	Philosophy	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Entertainment industries	KIPIB18602	Urban Studies	Bachelor Degree Studies	3
Faculty of Creative Industries	Department of Entertainment industries	KIPIB17081	Media Projects	Bachelor Degree Studies	6
Faculty of Creative Industries	Division of Foreign Languages	KIUSB17123	Speciality English Language	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB17255	Fundamentals of Innovation Management	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB17109	Elements of Mechatronics	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB22603	Machines of Energy Transformation	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB17180	Production Technologies	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB17166	Design of Machines and Instruments 1	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB17167	Quality Management	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB17168	Ecological Design	Bachelor Degree Studies	6

Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM17360	Master Graduation Thesis 2	Master Degree Studies	3
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB17239	Equipment Assembly Technologies	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB17238	Tribology	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB22401	3D, Laser and Another Manufacturing Technologies	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB17156	Theory and Practice of Measurements (with course project)	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB17379	Materials Science 1	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM17350	Design of Mechanical Systems (with course project)	Master Degree Studies	12
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM17351	Engineering Ecology	Master Degree Studies	3
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM17352	Marketing of Innovative Products and Investment Management (with course work)	Master Degree Studies	9
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM17357	Innovation Strategy and Tactics	Master Degree Studies	6
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM18201	Industrial Organisation and Strategic Management	Master Degree Studies	6
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKM17358	Manufacturing Simulation and Industrial Production Systems	Master Degree Studies	6
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSM17176	Master Graduation Thesis 4	Master Degree Studies	30
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSM17164	Master Graduation Thesis 2	Master Degree Studies	3
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB17123	Bachelor Graduation Thesis 3	Bachelor Degree Studies	9
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB17122	Bachelor Graduation Thesis 2	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSM17166	Modelling of Mechatronic Systems	Master Degree Studies	9
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSM17161	Sensors in Mechatronics	Master Degree Studies	6
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSM17163	Diagnostics in Mechatronics	Master Degree Studies	6
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSM17162	Control of Mechatronic Systems	Master Degree Studies	6
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB22401	CAD/CAE	Bachelor Degree Studies	3
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB21402	Design and Analysis of Applied Artificial Intelligence	Bachelor Degree Studies	9
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB21401	Systems and Devices of Applied Artificial Intelligence (with Course Project)	Bachelor Degree Studies	9
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB21201	Tools and Technologies of Applied Artificial Intelligence	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB17401	Machine Elements (with course project)	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB17121	Quality and Certification in the Automated Industry	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB17120	Design of Mechatronic and Robotic Systems (with course project)	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB17114	Robotical Technology	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB17113	Mechatronic Systems 2	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechatronics, Robotics and Digital Manufacturing	MERSB17112	CAD/CAM/CAE	Bachelor Degree Studies	6
Faculty of Mechanics	Department of Mechanical and Material Engineering	MEMKB22604	Design of Tools and Devices (with course work)	Bachelor Degree Studies	6
Faculty of Civil Engineering	Department of Applied Mechanics	STTMB17105	Numerical Analysis of Structures - BIM 2	Bachelor Degree Studies	3
Faculty of Civil Engineering	Department of Applied Mechanics	STTMB17055	Mechanics of Materials	Bachelor Degree Studies	6
Faculty of Civil Engineering	Department of Applied Mechanics	STTMB17053	Mechanics of Materials	Bachelor Degree Studies	6
Faculty of Civil Engineering	Department of Reinforced Concrete Structures and Geotechnics	STGGB17053	Multi-storey Buildings	Bachelor Degree Studies	3
Faculty of Civil Engineering	Department of Applied Mechanics	STTMM17132	Mechanics of Continual Structures	Master Degree Studies	6
Faculty of Civil Engineering	Department of Applied Mechanics	STTMB17058	Mechanics of Materials 2	Bachelor Degree Studies	6
Faculty of Civil Engineering	Department of Applied Mechanics	STTMB17042	Engineering Mechanics	Bachelor Degree Studies	6
Faculty of Transport Engineering	Department of Mobile Machinery and Railway Transport	TIMGB17030	Energetics of Heat Engines	Bachelor Degree Studies	6

Faculty of Transport Engineering	Department of Mobile Machinery and Railway Transport	TIMGB17120	The Elements of Transport System	Bachelor Degree Studies	3
Faculty of Transport Engineering	Department of Mobile Machinery and Railway Transport	TIMGB17119	Design Fundamentals	Bachelor Degree Studies	3
Faculty of Transport Engineering	Department of Mobile Machinery and Railway Transport	TIMGM18275	Queueing Systems in Transport	Master Degree Studies	6
Faculty of Transport Engineering	Department of Mobile Machinery and Railway Transport	TIMGB17121	Vehicle Mechanics (with course project)	Bachelor Degree Studies	6
Faculty of Transport Engineering	Logistics and Transport Management Department	TILTB16717	Transport Management (organization) (with course work)	Bachelor Degree Studies	6
Faculty of Transport Engineering	Department of Automobile Engineering	TIAIB17058	Vehicles Design	Bachelor Degree Studies	6
Faculty of Transport Engineering	Department of Automobile Engineering	TIAIB17054	Automotive Theory (course work)	Bachelor Degree Studies	3
Faculty of Transport Engineering	Department of Automobile Engineering	TIAIB17053	Automotive Theory	Bachelor Degree Studies	6
Faculty of Transport Engineering	Department of Automobile Engineering	TIAIB17036	Structural and Exploitational Materials of Road Vehicles	Bachelor Degree Studies	6
Faculty of Transport Engineering	Department of Automobile Engineering	TIAIM17106	Researches of Internal Combustion Engines	Master Degree Studies	6
Faculty of Transport Engineering	Department of Mobile Machinery and Railway Transport	TIMGB17031	Technologies of Vehicle Production and Repair	Bachelor Degree Studies	3
Faculty of Business Management	Department of Business Technologies and Entrepreneurship	VVTVB22201	Engineering Principles	Bachelor Degree Studies	3
Faculty of Business Management	Department of Financial Engineering	VVFRB22801	Behavioral Finance	Bachelor Degree Studies	6
Faculty of Business Management	Department of Business Technologies and Entrepreneurship	VVTVB17173	Logistics	Bachelor Degree Studies	6
Faculty of Business Management	Department of Business Technologies and Entrepreneurship	VVTVB17087	Entrepreneurship (with course work)	Bachelor Degree Studies	6
Faculty of Business Management	Department of Business Technologies and Entrepreneurship	VVTVB17272	Business Projects (with course work)	Bachelor Degree Studies	6
Faculty of Business Management	Department of Management	VVVB17157	Management	Bachelor Degree Studies	3
Faculty of Business Management	Department of Management	VVVKM17288	Learning Organization (with course project)	Master Degree Studies	9
Faculty of Business Management	Department of Management	VVVB20401	Human Resources Management	Bachelor Degree Studies	3
Faculty of Business Management	Department of Management	VVVB19815	Marketing Research Complex Project	Bachelor Degree Studies	6
Faculty of Business Management	Department of Management	VVVB19814	Marketing Research	Bachelor Degree Studies	3
Faculty of Business Management	Department of Management	VVVB17181	Management	Bachelor Degree Studies	3
Faculty of Business Management	Department of Management	VVVB17163	Management	Bachelor Degree Studies	3
Faculty of Business Management	Department of Management	VVVB17159	Management	Bachelor Degree Studies	3
Faculty of Business Management	Department of Management	VVVB17813	Management	Bachelor Degree Studies	3
Faculty of Business Management	Department of Management	VVVKM21202	Human Resource Management Strategies	Master Degree Studies	6
Faculty of Business Management	Department of Management	VVVKM21201	Human Resource Management	Master Degree Studies	18
Faculty of Business Management	Department of Management	VVVKM21200	Sustainable Business Development	Master Degree Studies	6
Faculty of Business Management	Department of Management	VVVKM19202	Brand Management	Master Degree Studies	6
Faculty of Business Management	Department of Management	VVVKM17054	Marketing	Master Degree Studies	6
Faculty of Business Management	Department of Management	VVVKM17108	Strategic Management	Master Degree Studies	6
Faculty of Business Management	Department of Management	VVVB17808	Business Communication	Bachelor Degree Studies	3
Faculty of Business Management	Department of Management	VVVB17029	Intercultural Communication	Bachelor Degree Studies	3
Faculty of Business Management	Department of Law	VVTEB16403	Business Law	Bachelor Degree Studies	3
Faculty of Business Management	Department of Law	VVTEB16401	Copyright law	Bachelor Degree Studies	3
Faculty of Business Management	Department of Law	VVTEB16204	Business Law	Bachelor Degree Studies	6
Faculty of Business Management	Department of Financial Engineering	VVFRB19810	Banking	Bachelor Degree Studies	3
Faculty of Business Management	Department of Financial Engineering	VVFRB16401	Corporate Financial Management	Bachelor Degree Studies	6
Faculty of Business Management	Department of Financial Engineering	VVFRB16601	Pricing	Bachelor Degree Studies	6
Faculty of Business Management	Department of Financial Engineering	VVFRB22802	Financial Risk Management	Bachelor Degree Studies	6
Faculty of Business Management	Department of Business Technologies and Entrepreneurship	VVTVB19801	Information Management Systems	Bachelor Degree Studies	3