

Spring Semester (February - June)

Bachelor level

Bachelor of Engineering Science in Aviation Transport

Code	Name of Course	ETCS
1 year		
B-103-04	Higher Mathematics	9
B-295-05	Aviation English	3
B-319-04	Academic Skills and Critical Thinking	6
P-007-02	Electrical Engineering	9
2 year		
B-319-04	Academic Skills and Critical Thinking	6
P-014-02	Aviation Legislation	6
B-435-03	Piston Engine	3
B-436-03	Digital equipment and electronic systems	6
B-437-03	Aircraft Design and Strength	9
P-777-03	Modeling of mechanical systems	6
3 year		
B-007-04	Probability Theory and Mathematical Statistics	6
B-319-06	Academic skills and critical thinking	6
B-439-03	Aeronautical Service	3
B-456-03	Aircraft avionics systems	9
B-465-03	Organization of Aircraft Maintenance	3
P-026-02	Propeller and its Control Systems	3
4 year		
B-449-03	Compliance Monitoring System	6

Bachelor of Engineering Sciences in Electronics

Code	Name of Course	ETCS
1 year		
B-002-03	Physics	6
B-003-04	Programming	3
B-004-04	Programming CW	3
B-103-04	Higher Mathematics	9
B-123-03	Electrical Circuits Theory	6
B-352-05	Professional English for Information Technologies	3
2 year		
B-007-04	Probability Theory and Mathematical Statistics	6
B-125-03	Computer Networks	6
B-127-03	Signals and Circuits	6
B-028-03	Digital Processing of Signals	6
B-135-03	Embedded Electronic Devices and Programming	3
B-137-03	Microwave Electronic Techniques	3
B-352-05	Professional English for Information Technologies	3
3 year		
B-008-04	Database and Data Banks	6
B-027-03	Methods and Devices of Electrical Measurements	6
B-133-03	Electronic Design Automation (EDA)	6
B-353-05	English for Career Management	3
B-553-03	Programmable Logic Controllers and Their Programming	6

B-557-03	Industrial Networks of Automation Systems	6
4 year		
B-078-03	Fibre Optic Systems	3
B-307-03	Global Navigation Systems	3

Bachelor of Engineering Sciences in Robotics

Code	Name of Course	ETCS
1 year		
B-002-03	Physics	6
B-003-04	Programming	3
B-103-04	Higher Mathematics	9
B-352-05	Professional English for Information Technologies	3
B-429-03	Electrical Circuits Theory Fundamentals	6
B-778-03	Metrology and the Fundamentals of Electrical Measurements	3
B-495-03	Programming robots. Course work	3
2 year		
B-007-04	Probability Theory and Mathematical Statistics	6
B-352-05	Professional English for Information Technologies	3
B-032-04	Microcontroller Programming	6
3 year		
B-407-03	Kinematics and dynamics of robots	6
B-418-03	Local area and wireless networks	6
B-553-03	Programmable Logic Controllers and Their Programming	6
B-556-05	Introduction to Intelligence Systems	3
4 year		
B-206-05	Project Management	3
B-423-03	Autonomous robots	6
B-425-03	Robotization of Industrial Manufacturing	6

Bachelor of Natural Sciences in Computer Science

Code	Name of Course	ETCS
1 year		
B-003-04	Programming	3
B-004-04	Programming CW	3
B-009-04	Computer Systems Structure	6
B-010-04	Programming Languages Concepts	6
B-103-04	Higher Mathematics	9
B-352-05	Professional English for Information Technologies	3
2 year		
B-007-04	Probability Theory and Mathematical Statistics	6
B-008-04	Database and Data Banks	6
B-013-04	Operating systems	6
B-318-04	Object-Oriented Programming CP	3
B-352-05	Professional English for Information Technologies	3
B-135-03	Embedded Electronic Devices and Programming	3
B-245-04	Application development with Java	3
3 year		
B-019-04	Software Engineering	3
B-027-04	Systems Modelling	6

B-216-04	System Programming	6
B-015-04	Logical Programming	3
B-125-03	Computer Networks	6
B-556-05	Introduction to Intelligence Systems	6
4 year		
B-353-05	English for Career Management	3
B-483-01	Foundations of Startup Development	3
B-022-04	Compiler Construction	6
B-729-04	Algorithmic Means of Computer Graphics	3

Bachelor of Social Sciences in Management Science

Code	Name of Course	ECTS
1 year		
B-102-05	Macroeconomics	6
B-109-05	Marketing	6
B-277-05	Essentials of Business Management	6
B-284-05	Study Project I	3
B-115-05	Business Activity Legal Regulation	3
B-491-03	Information Technologies	3
2 year		
B-118-05	Taxes and Taxation	3
B-177-05	Management and Organisation Theory	3
B-206-05	Project Management	3
B-246-04	Econometrics	6
B-275-05	Business communications II	3
B-280-05	Introduction to Change Management	6
B-281-05	Digital Marketing	3
3 year		
B-208-05	Standardization and Quality Control	3
B-288-05	Organizational Behaviour and Leadership	6

Bachelor in Transport and Business Logistics

Code	Name of Course	ECTS
1 year		
B-001-05	Higher Mathematics	6
B-102-05	Macroeconomics	6
B-109-05	Marketing	6
B-115-05	Business Activity Legal Regulation	3
B-118-05	Taxes and Taxation	3
B-246-05	Professional English for Logistics	3
2 year		
B-294-05	International business communication, corporate responsibility and ethics	6
P-307-05	Transport Logistics	6
B-208-05	Standardization and Quality Control	3
B-246-05	Professional English for Logistics	3
P-343-05	Supply chain management and planning	6
3 year		
B-317-05	Simulation Modelling in Logistics	3
B-319-05	Information Systems and Technologies in Logistics	3

P-309-05	Transport Nodes and Terminals	3
P-316-05	Warehouse Logistics	3
P-322-05	Transport Maintenance Control	3

Master level

Master of Social Sciences in Management

Code	Name of Course	ECTS
1 year		
M-202-05	Strategic Management	6
M-231-04	Research Methodology	6
M-355-05	Financial Management	6
M-342-05	Decision Making Methodologies	3
M-357-05	International Marketing and Advertising	6
M-372-05	Change Management	6

Master of Social Sciences in Transport and Logistics

Code	Name of Course	ECTS
1 year		
M-231-04	Research Methodology	6
M-309-05	Logistics Systems and Logistics Chains	6
M-261-05	Logistics and Transport Process Modeling	6
M-307-05	Risk Management in Supply Chains	6
M-342-05	Decision Making Methodologies	3
M-382-05	Sustainable Transport Interchange	6

Master of Engineering Sciences in Electronics and Electrical Engineering Science

Code	Name of Course	ECTS
1 year		
M-100-04	Data Mining	6
M-104-03	Signals Digital Processing Algorithms and Systems	6
M-231-04	Research Methodology	6
M-225-04	Cybersecurity and data protection	6

Master of Natural Sciences in Computer Systems

Software Engineering

1 year		
M-100-04	Data Mining	6
M-231-04	Research Methodology	6
M-047-04	Modern Software Engineering	6
M-213-04	Requirements management	6
M-216-04	BigData: from Data to Product	3

Master of Engineering Science in Management of Information Systems

Code	Name of Course	ECTS
1 year		
M-100-04	Data Mining	6
M-106-04	Intelligent Systems-1	3
M-213-04	Requirements management	6
M-225-04	Cybersecurity and data protection	6
M-231-04	Research Methodology	6
M-355-05	Financial Management	6