II semester of 2020/2021

Bachelor level

43525 05 Aviation Transport

Code	Name of Course	ETCS
1 year		
05 P 003	Technical Drawing (part 2)	3
B-04-103	Higher Mathematics (part 2)	6
P 02 004	Professional English for Aviation	3
P 02 007	Electrical Engineering	9
P 02 009	Materials Engineering	6
P 02 001	Mathematics	3
2 year		
P 03 777	Modeling of Mechanical Systems	6
P 02 014	Aviation Legislation	3
P 02 004	Professional English for Aviation	3
P 02 015	Digital Technique and Electronics Systems	9
P 02 016	Airframe Structure of Aeroplanes	6
3 year		
05 P 153	Repair of Aviation Engineering	9
05 B 208	Standardization and Quality Control	3
B-04-007	Probability Theory and Mathematical Statistics	6
P 02 235	Control System of Aircraft Engines	3
P 02 237	Strength of the Aviation Constructions	6

43523 02 Bachelor of Engineering Sciences in Electronics

Code	Name of Course	ETCS
1 year		
B 03 002	Physics	6
B-04-103	Higher Mathematics (part 2)	9
05 B 248	Professional English for Information Technologies	3
B-04-003	Programming (part 2)	3
B 03 123	Electrical Circuits Theory	6
2 year		
B 03 127	Signals and Circuits	6
B-04-007	Probability Theory and Mathematical Statistics	
B 03 135	Embedded Electronic Devices and Programming	3
B 03 028	Digital Processing of Signals	6
05 B 248	Professional English for Information Technologies (part 3)	3
B 03 137	Microwave Electronic Techniques	3

43481 Bachelor of Natural Sciences in Computer Science

Code	Name of Course	ETCS
1 year		
05 B 248	Professional English for Information Technologies	3
B-04-003	Programming (part 2)	3
B-04-009	Computer Systems Structure (part 2)	6
B-04-010	Programming Languages Concepts	6
B-04-103	Higher Mathematics (part 2)	6
2 year		
05 B 248	Professional English for Information Technologies (part 3)	3
B-04-007	Probability Theory and Mathematical Statistics	6
B-04-008	Database and Data Banks	6
B-04-245	Application development with Java	3

B-04-005	Discrete Mathematics	6
B-04-013	Operating Systems	6
B 03 135	Embedded Electronic Devices and Programming	3
B 04 014	Object-Oriented Programming	3
3 year		
B-04-216	System Programming	3
B-04-019	Software Engineering (part 2)	3
B-04-027	Systems Modeling	6
B 03 125	Computer Networks (part 2)	6
05 B 250	English for Career Management	3
B-04-137	Management Information Systems	3

3345 08 Bachelor of Social Sciences in Management

Code	Name of Course	ECTS
1 year		
05 B 102	Macroeconomics	6
05 B 109	Marketing (+course paper)	3+3
05 B 227	Essentials of Business Management	6
05 B 273	English for Academic Purposes II	3
BP-05-01a	Information Technologies 2	3
05 B 115	Business Activity Legal Regulation	3
05 B 284	Study Project I	3
2 year		
05 B 338	Resource Planning and Control	6
05 P 207	Corporate Finances	6
05 B 206	Project Management	3
05 B 208	Standardization and Quality Control	3
05 B 314	Optimization Theories and Methods	3
05 B 115	Business Activity Legal Regulation	6
3 year		
05 B 177	Management and Organization Theory	3
05 B 208	Standardization and Quality Control	3
05 B 269	International Business	3

42840 07 Transport and Business Logistics

Code	Name of Course	ECTS
1 year		
05 B 001	Higher Mathematics (part 2)	6
05 B 102	Macroeconomics	6
05 B 109	Marketing	6
BP-05-01a	Information Technologies 2	3
05 B 005	Business Relations Psychology	3
05 B 246	Professional English for Logistics	3
05 P 301	Fundamentals of Logistics	3
2 year		
05 B 115	Business Activity Legal Regulation	6
05 B 314	Optimization Theories and Methods	3
05 P 307	Transport Logistics	6
05 B 208	Standardization and Quality Control	3
05 B 246	Professional English for Logistics (part 3)	3
05 P 007	Transport Telematics	3
05 P 315	Purchases and Reserves Logistics	3
3 year		

05 P 309	Transport Nodes and Terminals	3
05 P 316	Warehouse Logistics	3
05 P 322	Transport Maintenance Control	3
05-P-207	Simulation Modelling in Logistics	3
05-P-208	Information Systems and Technologies in Logistics	3
4 year		
B-04-022	Compiler Construction	6
B-04-728	Mobile and Web Application Development	3
05 B 556	Introduction to Intelligence Systems	6

Master level

45345 08 Master of Social Sciences in Management

Code	Name of Course	ECTS
1 year		
05 M 202	Strategic Management	6
05 M 335	Financial Management (annual paper)	6
05 M 342	Decision Making Methodologies	3
M 04 217	Quantitative Methods for Management	3
05 M 357	International Marketing and Advertising	6

45840 Master of Transport and Logistic

Code	Name of Course	ECTS
1 year		
D-01-039	Sustainable Transport Interchanges	6
05 M 261	Logistics and Transport Process Modeling (course paper)	6
05 M 307	Risk Management in Supply Chains (course paper)	6
05 M 342	Decision Making Methodologies	3
05 M 302	Geography of Transport Systems	3
B-04-142	Labour Safety, Civil Defence and Environment Protection	3

47345 Master of Aviation Management (Studying is modular)

Code	Name of Course	ECTS
1 year		
05 M 355	Financial Management	6
M 13 001c	Research Methods and Project Management 3 (Decision Making Methodologies)	3
M 13 006	Strategic and Change Management in Aviation	6
M 13 008	Legal Aspects of International Trade and Aviation	3
M 13 003	Airport Management	6
M 13 005	Management of Aircraft Maintenance	6

45526 Master of Management of Information Systems

Code	Name of Course	ECTS
1 year		
M 04 225	Cybersecurity and data security	6
M 04 213	Requirements management	6
M-04-106	Intelligent Systems-1	6
M 04 213	Financial Management	6
M-04-245	Quality Models of Software and Information Systems (QM SIS)	6

45481 Master of Computer Science

1 year		
M-04-047	Modern Software Engineering	6
M 04 225	Cybersecurity and data security	6
M 04 213	Requirements management	6
M-04-245	Quality Models of Software and Information Systems (QM SIS)	6
M-04-106	Intelligent Systems-1	6