

List of courses offered in English for the winter semester academic year 2020/21

Erasmus+ contacts

assoc. prof. Ing. Peter Márton, PhD.

Vice dean for international cooperation, Faculty Erasmus+ coordinator

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Ing. Jaroslava Benková

Faculty Erasmus+ exchange assistant

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Winter semester – bachelor degree

Code	Course name	ECTS	Lecturer	Department
5BA117	Data, Information, Knowledge	5	Dr. Falát	KMME
5BA119	Modelling and optimization	5	prof. Janáček	KMMOA
5BE101	Basic Economics	5	Dr. Staníková	KMME
5BE125	Quality management	5	assoc. prof. Hrnčiar	KST
5BF101	Algebra	5	Dr. Czimmermann	KMMOA
5BF107	Electronics	5	assoc. prof. Ševčík	KTK
5BF117	Mathematical Analysis 1	6	Dr. Blaško	KMMOA
5BH101	Logical Systems	5	Dr. Jaroš	KTK
5BH104	Digital Systems	5	assoc. prof. Ševčík	KTK
5BH105	Electronic System	5	assoc. prof. Ševčík	KTK
5BH121	Technical components of PC	3	Dr. Michal Hodoň	KTK
5BI125	Assembly language programming	5	prof. Jánošíková	KMMOA
5BI137	Informatics 1 (OOP, part 1)	7	assoc. prof. Janech	KST
5BI139	Informatics 3 (C++ programming)	6	Dr. Tavač V.	KST
5BI146	Software modeling	5	Dr. Ružbarský	KST
5BM123	Marketing communication	4	assoc. prof. Varmus	KMnT
5BM131	Management of cybersecurity incidents	5	Dr. Uramová	KIS
5BN103	Computer Networks 1	5	assoc. prof. Segeč	KIS
5BN114	Network security with Fortinet solutions	4	Dr. Papán	KIS
5BS124	Open Geodata	2	assoc. prof. Márton	KMMOA
5UA113	Modelling and simulation	5	assoc. prof. Adamko	KMMOA
5UM111	Project management	5	assoc. prof. Hrnčiar	KST
5US107	Multimedia Information Systems	6	assoc. prof. Fabian	KMMOA
5UI101	Programming languages for embedded systems	5	Dr. Kvaššay	KI
5BL109	Physical Education	1	-	IPE
5BL102	Basics of Slovak Language	3	-	ILE

Winter semester – master degree

Code	Course name	ECTS	Lecturer	Department
5IA211	Applications of Optimization in Machine Learning	5	assoc. prof. Buzna	KMMOA
5IE227	Econometrics	5	Dr. Pančíková	KMME
5IH215	Applications of the Microprocessors Implemented into the FPGA Devices	6	assoc. prof. Ševčík	KTK
5II101	Fuzzy sets and neural networks	5	prof. Janáček	KMMOA
5II107	Advanced database systems	5	prof. Matiaško	KI
5II115	Algorithms and data structures 2	5	assoc. prof. Adamko	KMMOA
5II217	Cryptography and Safety	5	Dr. Majer	KMMOA
5II219	Computer Speech Recognition	5	Dr. Žalman	KTK
5II223	Artificial Intelligence	5	assoc. prof. Fabián	KMMOA
5IM209	Strategy Management	5	assoc. prof. Jankal	KMnT
5IM227	Logistics	5	Dr. Makyšová	KMnT
5IM221	Marketing Management	5	assoc. prof. Soviar	KMnT
5IN209	Network optimization	5	prof. Janáček	KMMOA
5IN235	Access networks	5	Dr. Kortiš	KIS
5IN237	Communication Theory	7	prof. Klimo	KIS
5IS206	Geographic information systems	5	assoc. prof. Márton	KMMOA
5IS215	Network Operating Systems	6	assoc. prof. Segeč	KIS
5IS219	Information Systems Security	5	Dr. Uramová	KIS
5BL109	Physical Education	1	-	IPE
5BL102	Basics of Slovak Language	3	-	ILE

KMMOA	Department of Mathematical Methods and Operations Research
KI	Department of Informatics
KIS	Department of Info-Comm Networks
KTK	Department of Technical Cybernetics
KST	Department of Software Technologies
KMnT	Department of Management Theories
KMME	Department of Macro and Microeconomics
IPE	Institute of Physical Education
ILE	Institute of Long-life Education

Last update: 20.01.2020

Winter semester 2020/21

Teaching period: 21.09.2020 – 18.02.2020

Exam period: 11.01.2021 – 19.02.2021

Holidays: 14.11. – 17.11.2020

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Summer semester – bachelor degree

Code	Course name	ECTS	Lecturer	Department
5BA122	Discrete Optimization	5	prof. Janáček	KMMOA
5BA124	Discrete Probability	6	assoc. prof. Bachratá	KST
5BA126	Algorithmic Graph Theory	5	assoc. prof. Palúch	KMMOA
5BA130	Probability and Statistics	5	Dr. Kozubík	KMMOA
5BE102	Microeconomics	5	assoc. Prof. Tokarčíková	KMME
5BE108	Macroeconomics	5	assoc. prof. Kucharčíková	KMME
5BE118	Marketing	5	assoc. prof. Soviar	KMnT
5BF104	Electrotechnical Circuits	5	assoc. prof. Ševčík	KTK
5BF114	Mathematical Analysis 2	6	Dr. Blaško	KMMOA
5BH118	Digital Computers	5	assoc. prof. Karpíš	KTK
5BH121	Technical components of PC	3	Dr. Michal Hodoň	KTK
5BI106	Basics of database systems	5	prof. Matiaško	KI
5BI138	Informatics 2 (OOP, part 2)	7	assoc. prof. Janech	KST
5BL104	Economic and law aspects of business	5	Dr. Falát	KMME
5BL142	Sociology	5	assoc. prof. Soviar	KMnT
5BM116	Operations Management	5	Dr. Makyšová	KMnT
5BN104	Computer Networks 2	5	assoc. prof. Segeč	KIS
5BN110	Principles of information and communication technologies	5	Dr. Uramová	KIS
5BS124	Open Geodata	2	assoc. prof. Márton	KMMOA
5UA113	Modelling and simulation	5	assoc. prof. Adamko	KMMOA
5US103	Software engineering	5	Dr. Tavač M.	KST
5US109	Internet and Intranet application development	5	Dr. Hrkút	KST
5BL109	Physical Education	1	-	IPE
5BL102	Basics of Slovak Language	3	-	ILE

Summer semester – master degree

Code	Course name	ECTS	Lecturer	Department
5IA202	Theory of information	5	assoc. prof. Palúch	KMMOA
5IA208	Metaheuristics	5	prof. Janáček	KMMOA
5IA210	Implementation of optimisation algorithms	5	assoc. prof. Buzna	KMMOA
5IE212	Forecasting	5	Dr. Pančíková	KMME
5IH202	Design of the Customer Integrated Circuits	5	assoc. prof. Ševčík	KTK
5IH210	Signal Compression Methods	5	Dr. Šarařín	KTK
5II208	Discrete simulation	5	assoc. prof. Adamko	KMMOA
5IN210	Theory of networks	8	assoc. prof. Šuch	KIS
5IN216	Design of Networks 1	7	assoc. prof. Segeč	KIS
5IS206	Geographic information systems	5	assoc. prof. Márton	KMMOA
5BL109	Physical Education	1	-	IPE
5BL102	Basics of Slovak Language	3	-	ILE

KMMOA	Department of Mathematical Methods and Operations Research
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Last update: 20.01.2020

Summer semester 2020/21

Teaching period: 22.02.2021 – 21.05.2021

Exam period: 24.05.2021 – 09.07.2021