

## List of courses offered in English for the winter semester academic year 2021/22

Erasmus+ contacts

**assoc. prof. Ing. Peter Márton, PhD.**

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Winter semester – bachelor's degree

Code	Course name	ECTS	Lecturer	Department
5BA117	<a href="#">Data, Information, Knowledge</a>	5	Dr. Falát	KMME
5BA119	<a href="#">Modelling and optimization</a>	5	prof. Janáček	KMMOA
5BE101	<a href="#">Basic Economics</a>	5	Dr. Staníková	KMME
5BE117	<a href="#">Small and Medium Business</a>	5	Dr. Mičiak	KMnT
5BE125	<a href="#">Quality management</a>	5	assoc. prof. Hrnčiar	KST
5BF101	<a href="#">Algebra</a>	5	Dr. Czimmermann	KMMOA
5BF107	<a href="#">Electronics</a>	5	assoc. prof. Ševčík	KTK
5BF117	<a href="#">Mathematical Analysis 1</a>	6	Dr. Blaško	KMMOA
5BH101	<a href="#">Logical Systems</a>	5	Dr. Jaroš	KTK
5BH104	<a href="#">Digital Systems</a>	5	assoc. prof. Ševčík	KTK
5BH105	<a href="#">Electronic System</a>	5	assoc. prof. Ševčík	KTK
5BH121	<a href="#">Technical components of PC</a>	3	Dr. Michal Hodoň	KTK
5BI125	<a href="#">Assembly language programming</a>	5	prof. Jánošíková	KMMOA
5BI137	<a href="#">Informatics 1 (OOP, part 1)</a>	7	assoc. prof. Janech	KST
5BI139	<a href="#">Informatics 3 (C++ programming)</a>	6	Dr. Tavač V.	KST
5BI146	<a href="#">Software modelling</a>	5	Dr. Ružbarský	KST
5BM123	<a href="#">Marketing communication</a>	4	assoc. prof. Varmus	KMnT
5BM131	<a href="#">Management of cybersecurity incidents</a>	5	Dr. Uramová	KIS
5BN103	<a href="#">Computer Networks 1</a>	5	assoc. prof. Segeč	KIS
5BN114	<a href="#">Network security with Fortinet solutions</a>	4	Dr. Papán	KIS
5BS124	<a href="#">Open Geodata</a>	2	assoc. prof. Márton	KMMOA
5II232	<a href="#">Design Paterns</a>	5	Dr. Varga	KI
5UA113	<a href="#">Modelling and simulation</a>	5	assoc. prof. Adamko	KMMOA
5UM111	<a href="#">Project management</a>	5	assoc. prof. Hrnčiar	KST

Code	Course name	ECTS	Lecturer	Department
5US107	<a href="#">Multimedia Information Systems</a>	6	assoc. prof. Fabian	KMMOA
5UI101	<a href="#">Programming languages for embedded systems</a>	5	Dr. Kvaššay	KI
5BL109	Physical Education	1	-	IPE
5BL102	Basics of Slovak Language	3	-	ILE

Winter semester – master's degree

Code	Course name	ECTS	Lecturer	Department
5IA211	<a href="#">Applications of Optimization in Machine Learning</a>	5	prof. Buzna	KMMOA
5IE227	<a href="#">Econometrics</a>	5	Dr. Pančíková	KMME
5IH215	<a href="#">Applications of the Microprocessors Implemented into the FPGA Devices</a>	6	assoc. prof. Ševčík	KTK
5II101	<a href="#">Fuzzy sets and neural networks</a>	5	prof. Janáček	KMMOA
5II107	<a href="#">Advanced database systems</a>	5	prof. Matiaško	KI
5II115	<a href="#">Algorithms and data structures 2</a>	5	assoc. prof. Adamko	KMMOA
5II217	<a href="#">Cryptography and Safety</a>	5	Dr. Majer	KMMOA
5II223	<a href="#">Artificial Intelligence</a>	5	assoc. prof. Fabián	KMMOA
5IM209	<a href="#">Strategy Management</a>	5	assoc. prof. Jankal	KMnT
5IM221	<a href="#">Marketing Management</a>	5	assoc. prof. Soviar	KMnT
5IN209	<a href="#">Network optimization</a>	5	prof. Janáček	KMMOA
5IS206	<a href="#">Geographic information systems</a>	5	assoc. prof. Márton	KMMOA
5IS215	<a href="#">Network Operating Systems</a>	6	assoc. prof. Segeč	KIS
5IS219	<a href="#">Information Systems Security</a>	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: 03.02.2021

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Winter semester 2021/22

Teaching period: 20.09.2021 – 17.12.2021

Exam period: 10.01.2022 – 18.02.2022

Holidays: 01.11.2021, 17.11.2021

## List of courses offered in English for the summer semester academic year 2021/22

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Summer semester – bachelor’s degree

Code	Course name	ECTS	Lecturer	Department
5BA122	<a href="#">Discrete Optimization</a>	5	prof. Janáček	KMMOA
5BA124	<a href="#">Discrete Probability</a>	6	assoc. prof. Bachratá	KST
5BA126	<a href="#">Algorithmic Graph Theory</a>	5	Dr. Majer	KMMOA
5BA130	<a href="#">Probability and Statistics</a>	5	Dr. Kozubík	KMMOA
5BE102	<a href="#">Microeconomics</a>	5	assoc. Prof. Tokarčíková	KMME
5BE108	<a href="#">Macroeconomics</a>	5	assoc. prof. Kucharčíková	KMME
5BE118	<a href="#">Marketing</a>	5	assoc. prof. Soviar	KMnT
5BF104	<a href="#">Electrotechnical Circuits</a>	5	assoc. prof. Ševčík	KTK
5BF114	<a href="#">Mathematical Analysis 2</a>	6	Dr. Blaško	KMMOA
5BH118	<a href="#">Digital Computers</a>	5	assoc. prof. Karpíš	KTK
5BH121	<a href="#">Technical components of PC</a>	3	Dr. Michal Hodoň	KTK
5BI106	<a href="#">Basics of database systems</a>	5	prof. Matiaško	KI
5BI138	<a href="#">Informatics 2 (OOP, part 2)</a>	7	assoc. prof. Janech	KST
5BL104	<a href="#">Economic and law aspects of business</a>	5	Dr. Falát	KMME
5BL142	<a href="#">Sociology</a>	5	assoc. prof. Soviar	KMnT
5BM116	<a href="#">Operations Management</a>	5	Dr. Mičiak	KMnT
5BM120	<a href="#">Management 2</a>	5	Dr. Mičiak	KMnT
5BN104	<a href="#">Computer Networks 2</a>	5	assoc. prof. Segeč	KIS
5BN110	<a href="#">Principles of information and communication technologies</a>	5	Dr. Uramová	KIS
5BS124	<a href="#">Open Geodata</a>	2	assoc. prof. Márton	KMMOA
5UA113	<a href="#">Modelling and simulation</a>	5	assoc. prof. Adamko	KMMOA
5UI126	<a href="#">Electronical processing and presentation of documents</a>	4	Dr. Blaško	KMMOA
5US103	<a href="#">Software engineering</a>	5	Dr. Tavač M.	KST

Code	Course name	ECTS	Lecturer	Department
5US109	<a href="#">Internet and Intranet application development</a>	5	Dr. Hrkút	KST
5BL109	Physical Education	1	-	IPE
5BL102	Basics of Slovak Language	3	-	ILE

#### Summer semester – master's degree

Code	Course name	ECTS	Lecturer	Department
5IA208	<a href="#">Metaheuristics</a>	5	prof. Janáček	KMMOA
5IA210	<a href="#">Implementation of optimisation algorithms</a>	5	prof. Buzna	KMMOA
5IE212	<a href="#">Forecasting</a>	5	Dr. Pančíková	KMME
5IH202	<a href="#">Design of the Customer Integrated Circuits</a>	5	assoc. prof. Ševčík	KTK
5IH210	<a href="#">Signal Compression Methods</a>	5	Dr. Šarařin	KTK
5II208	<a href="#">Discrete simulation</a>	5	assoc. prof. Adamko	KMMOA
5IN216	<a href="#">Design of Networks 1</a>	7	assoc. prof. Segeč	KIS
5IS206	<a href="#">Geographic information systems</a>	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
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: 03.02.2021

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#### Summer semester 2021/22

Teaching period: 21.02.2022 – 20.05.2022

Exam period: 23.05.2022 – 08.07.2021

Holidays: 15.04.2022, 18.04.2022