Faculty of Management Science and Informatics
University of Žilina, Slovakia

Preliminary list of courses offered in English for the academic year 2019/20

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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
5BE118	Marketing	5	assoc. prof. Soviar	KMnT
5BE125	Quality management	5	assoc. prof. Hrnčiar	KST
5BF101	Algebra	5	Dr. Czimmermann	KMMOA
5BF107	Electronics	5	assoc. prof. Ševčík	KTK
5BF115	Mathematics for programmers	7	Dr. Jančigová	KST
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, Java programming - basic)	7	assoc. prof. Janech	KST
5BI139	Informatics 3 (C++ programming)	6	Dr. Tavač V.	KST
5BI146	Software modeling	5	Dr. Ružbarský	KST
5BL106	Psychology	5	assoc. prof. Soviar	KMnT
5BM121	Managerial Presentation Skills	5	assoc. prof. Varmus	KMnT
5BM123	Marketing communication	4	assoc. prof. Varmus	KMnT
5BN103	Computer Networks 1	5	assoc. prof. Segeč	KIS
5BS101	Operating Systems	5	assoc. prof. Martincová	KI
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
5BL109	Physical Education	1	-	IPE
5BL102	Basics of Slovak Language	3	-	ILE

Winter semester – master degree

Code	Course name	ECTS	Lecturer	Department
5IA111	Computational modelling of system	5	assoc. prof. Buzna	KMMOA
5IE117	Econometrics	5	Dr. Pančíková	KMME
5IH115	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
5II117	Cryptography and Safety	5	Dr. Majer	KMMOA
5II119	Computer Speech Recognition	5	Dr. Jurečka	KTK
5II123	Artificial Intelligence	5	assoc. prof. Fabián	KMMOA
5II132	Design Patterns	5	Dr. Varga	KI
5IM109	Strategy Management	5	assoc. prof. Jankal	KMnT
5IN109	Network optimization	5	prof. Janáček	KMMOA
5IN135	Access networks	5	Dr. Kortiš	KIS
5IN137	Communication Theory	7	prof. Klimo	KIS
5IS115	Network Operating Systems	6	assoc. prof. Segeč	KIS
5UI101	Programming languages for embedded systems	5	Dr. Kvaššay	KI
5BL109	Physical Education	1	-	IPE
5BL102	Basics of Slovak Language	3	-	ILE

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
5BE102	Microeconomics	5	assoc. Prof. Tokarčíková	KMME
5BE108	Macroeconomics	5	assoc. prof. Kucharčíková	KMME
5BF104	Electrotechnical Circuits	5	assoc. prof. Ševčík	KTK
5BF114	Mathematical Analysis 2	6	Dr. Blaško	KMMOA
5BH121	Technical components of PC	3	Dr. Michal Hodoň	KTK
5BI106	Basics of database systems	5	prof. Matiaško	KI
5BI138	Informatics 2 (Java advanced programming)	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. Jelínková	KMnT
5BM120	Management 2	6	Dr. Jelínková	KMnT
5BN104	Computer Networks 2	5	assoc. prof. Segeč	KIS
5BN110	Principles of information and communication technologies	5	Dr. Uramová	KIS
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
5IA102	Theory of information	5	assoc. prof. Palúch	KMMOA
5IA108	Metaheuristics	5	prof. Janáček	KMMOA
5IA110	Implementation of optimisation algorithms	5	assoc. prof. Buzna	KMMOA
5IE112	Forecasting	5	Dr. Pančíková	KMME
5IH102	Desing of the Custommer Integrated Circuits	5	assoc. prof. Ševčík	KTK
5IH110	Signal Compression Methods	5	Dr. Jurečka	KTK
5II108	Discrete simulation	5	assoc. prof. Adamko	KMMOA
5IN116	Design of Networks 1	7	assoc. prof. Segeč	KIS
5IS106	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
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