



Courses in English for Erasmus+ exchange students

2023/ 2024



UNIVERSITY OF ŽILINA
Faculty of Management Science
and Informatics

Erasmus ID Code
SK ZILINA01

PIC CODE
999969606

OID
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<https://bit.ly/3YwtOa9>

Bc. Degree

Winter Semester

Code	Course Title	Study programme	ECTS	Department	Language
6UI0009	Programming Languages for Embedded Systems	061	5	KI	English
6BI0026	Computer Networks 1	061	5	KIS	English
6BI0052	Network Security with Fortinet Solutions	061	4	KIS	English
6BM0023	Handling of Security Incidents	061	5	KIS	English
6UA003	Modelling and Simulation	061	5	KMMOA	English
6BI0023	Open Geodata	061	2	KMMOA	English
6BA0006	Mathematical Analysis 1	061	6	KMMOA	English
6BA0001	Algebra	061	5	KMMOA	English
6BA0010	Modelling and Optimization	061	5	KMMOA	English
6BI0039	Assembly Language Programming	061	5	KMMOA	English
6BM0012	Marketing Communication	041	4	KMnT	English
6BI0038	Software Modelling	061	5	KST	English
6BI0003	Digital Computers	061	5	KTK	English
6BE0002	Electronics	061	5	KTK	English
6BI0008	Electronic System	061	5	KTK	English
6BI0019	Logical Systems	061	5	KTK	English
6BI0040	Technical Components of PC	061	3	KTK	English
6BM0018	IT project Management	061	5	KMnT	English
6UM0008	Management 1	041	6	KMnT	English
6BJ0011	Slovak Language for Foreign Students	041, 061	2	UCV	Slovak
6BT0001	Physical Education	041, 061	1	UTV	English

Summer Semester

Code	Course Title	Study programme	ECTS	Department	Language
6BI0005	Basics of Database Systems	061	5	KI	English
6BI0027	Computer Networks 2	061	5	KIS	English
6BI0034	Principles of Information and Communication Technologies	061	5	KIS	English
6BM0014	Microeconomics	041	5	KMME	English
6BL0001	Economic and Law Aspects of Business	041	5	KMME	English
6UM0002	Macroeconomics	041	5	KMME	English
6UI0006	Electronical Processing and Presentation of Documents	041, 061	4	KMMOA	English
6UA0003	Modelling and Simulation	061	5	KMMOA	English
6BI0023	Open Geodata	061	2	KMMOA	English
6BA0007	Mathematical Analysis 2	061	6	KMMOA	English
6UA0002	Probability and Statistics	061	5	KMMOA	English
6BA0002	Algorithmic Graph Theory	061	5	KMMOA	English
6BA0004	Discrete Optimization	061	5	KMMOA	English
6BM0010	Management 2	041	5	KMnT	English
6BA0005	Discrete Probability	061	6	KST	English
6UI0012	Internet and Intranet Application Development	061	5	KST	English
6UI0010	Software Engineering	061	5	KST	English
6BI0040	Technical Components of PC	061	3	KTK	English
6BM0015	Operations Management	041	5	KMnT	English
6BJ0011	Slovak Language for Foreign Students	041, 061	2	UCV	Slovak
6BT0002	Physical Education	041, 061	1	UTV	English

MSc. Degree

Winter Semester

Code	Course Title	Study programme	ECTS	Department	Language
6II0033	Advanced Database Systems	061	5	KI	English
6II0041	Network Operating Systems	061	6	KIS	English
6II0008	Information Systems Security	061	5	KIS	English
6II0001	Algorithms and Data Structures 2	061	5	KMMOA	English
6II0017	Geographic Information Systems	041, 061	5	KMMOA	English
6II0020	Cryptography and Safety	061	5	KMMOA	English
6IA0005	Introduction to Machine Learning	061	5	KMMOA	English
6II0016	Fuzzy Sets and Neural Networks	061	5	KMMOA	English
6II0027	Network Optimization	061	5	KMMOA	English
6UM0006	Project Management	041, 061	5	KMnT	English
6II0005	Applications of the microprocessors implemented into the FPGA devices	061	6	KTK	English
6BJ0011	Slovak Language for Foreign Students	041, 061	2	UCV	Slovak
6IT0007	Physical Education	041, 061	1	UTV	English

Summer Semester

Code	Course Title	Study programme	ECTS	Department	Language
6II0012	Database Languages	061	5	KI	English
6II0039	Design of Networks 1	061	7	KIS	English
6II0014	Discrete Simulation	061	5	KMMOA	English
6II0017	Geographic Information Systems	041, 061	5	KMMOA	English
6IA0001	Applications of Optimization in Machine Learning	061	5	KMMOA	English
6IA0003	Metaheuristics	061	5	KMMOA	English
6II0024	Design of the Customer Integrated Circuits	061	5	KTK	English
6II0050	Signal Compression Methods	061	5	KTK	English
6BJ0011	Slovak Language for Foreign Students	041, 061	2	UCV	Slovak
6IT0008	Physical Education	041, 061	1	UTV	English