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Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-111		Course name: Algorithms and Data Structures 1				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 26s Method of study: combined						
Number of credits: 6						
Recommended semester/trimester: 1.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 25						
A	B	C	D	E	FX(0)	FX(1)
8.0	12.0	8.0	4.0	8.0	4.0	56.0
Instructor: PaedDr. Mgr. Vladimír Siládi, PhD., doc. Ing. Jarmila Škrinárová, PhD.						
Last changed: 15.02.2022						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-121		Course name: Algorithms and Data Structures 2				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 13s Method of study: combined						
Number of credits: 6						
Recommended semester/trimester: 2.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 6						
A	B	C	D	E	FX(0)	FX(1)
16.67	0.0	0.0	0.0	33.33	16.67	33.33
Instructor: PaedDr. Mgr. Vladimír Siládi, PhD., doc. Ing. Jarmila Škrinárová, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-152		Course name: Bachelor Project				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 26s Method of study: combined						
Number of credits: 3						
Recommended semester/trimester: 5.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	50.0	0.0	0.0	0.0	50.0
Instructor: doc. Ing. Jarmila Škrinárová, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-257		Course name: Big Data Analysis				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 5.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 1						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	100.0	0.0	0.0	0.0	0.0
Instructor: Mgr. Adam Dudáš, PhD., doc. Ing. Ľudovít Trajtel', PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-253		Course name: Cloud and High Performance Technologies and services				
Type, extent and method of instruction: Form of instruction: Practical Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 39s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 5.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
50.0	0.0	0.0	50.0	0.0	0.0	0.0
Instructor: Mgr. Michal Vagač, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-235		Course name: Computer Graphics				
Type, extent and method of instruction: Form of instruction: Lecture / Practical Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 26s Method of study: combined						
Number of credits: 5						
Recommended semester/trimester: 3.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	25.0	75.0	0.0	0.0
Instructor: Mgr. Michal Vagač, PhD., doc. Mgr. Ján Karabáš, PhD.						
Last changed: 11.09.2023						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-114		Course name: Computer Networks				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 13s Method of study: combined						
Number of credits: 6						
Recommended semester/trimester: 1.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 25						
A	B	C	D	E	FX(0)	FX(1)
12.0	24.0	8.0	4.0	8.0	4.0	40.0
Instructor: doc. Ing. Ľudovít Trajtel', PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-112		Course name: Computer Systems 1				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 13s Method of study: combined						
Number of credits: 6						
Recommended semester/trimester: 1.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 25						
A	B	C	D	E	FX(0)	FX(1)
12.0	8.0	16.0	16.0	4.0	0.0	44.0
Instructor: doc. Ing. Ľudovít Trajtel', PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-242		Course name: Computer Systems 2				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 39s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 4.						
Level: I., P						
Prerequisites: KIN FPV/1e-ain-112/21						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 1						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	100.0	0.0	0.0	0.0	0.0
Instructor: doc. Ing. Ľudovít Trajtel', PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-133		Course name: Database Systems 1				
Type, extent and method of instruction: Form of instruction: Lecture / Practical Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 3.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
25.0	25.0	25.0	0.0	25.0	0.0	0.0
Instructor: Mgr. Adam Dudáš, PhD., doc. Ing. Ľudovít Trajtel', PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-244		Course name: Database Systems 2				
Type, extent and method of instruction: Form of instruction: Lecture / Practical Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 13s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 4.						
Level: I., P						
Prerequisites: KIN FPV/1e-ain-133/21						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	25.0	0.0	0.0	25.0	50.0
Instructor: Mgr. Adam Dudáš, PhD., doc. Ing. Ľudovít Trajtel', PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-255		Course name: Game Development and User Experience				
Type, extent and method of instruction: Form of instruction: Practical Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 338 Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 5.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
50.0	0.0	0.0	0.0	50.0	0.0	0.0
Instructor: PaedDr. Patrik Voštinár, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-124		Course name: Graph Algorithms				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 26s Method of study: combined						
Number of credits: 6						
Recommended semester/trimester: 2.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 5						
A	B	C	D	E	FX(0)	FX(1)
20.0	40.0	20.0	0.0	0.0	20.0	0.0
Instructor: PaedDr. Patrik Voštinár, PhD., doc. Mgr. Ján Karabáš, PhD.						
Last changed: 11.09.2023						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-251		Course name: Internet of Things				
Type, extent and method of instruction: Form of instruction: Practical Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 5.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 1						
A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor: doc. Ing. Ľudovít Trajtel', PhD., RNDr. Miroslav Melicherčík, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-241		Course name: Introduction to Parallel Programming				
Type, extent and method of instruction: Form of instruction: Lecture / Practical Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 4.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 1						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	100.0	0.0	0.0	0.0	0.0
Instructor: RNDr. Miroslav Melicherčík, PhD., doc. Ing. Jarmila Škrinárová, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-132		Course name: Introduction to Theoretical Computer Science				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 26s Method of study: combined						
Number of credits: 5						
Recommended semester/trimester: 3.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
0.0	25.0	0.0	25.0	0.0	50.0	0.0
Instructor: doc. Mgr. Ján Karabáš, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-113		Course name: Mathematics for Informatics 1				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 39s Method of study: combined						
Number of credits: 6						
Recommended semester/trimester: 1.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 25						
A	B	C	D	E	FX(0)	FX(1)
16.0	16.0	16.0	4.0	16.0	8.0	24.0
Instructor: RNDr. Alžbeta Michalíková, PhD., doc. Mgr. Ján Karabáš, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-123		Course name: Mathematics for Informatics 2				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 26s Method of study: combined						
Number of credits: 6						
Recommended semester/trimester: 2.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 6						
A	B	C	D	E	FX(0)	FX(1)
16.67	0.0	0.0	16.67	16.67	16.67	33.33
Instructor: RNDr. Alžbeta Michalíková, PhD., doc. Mgr. Ján Karabáš, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-238		Course name: Modelling in Matlab				
Type, extent and method of instruction: Form of instruction: Practical Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 3.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 0						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor: doc. Ing. Jarmila Škrinárová, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-115		Course name: Multimedia				
Type, extent and method of instruction: Form of instruction: Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 39s Method of study: combined						
Number of credits: 6						
Recommended semester/trimester: 1.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 25						
A	B	C	D	E	FX(0)	FX(1)
24.0	16.0	24.0	4.0	0.0	8.0	24.0
Instructor:						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-237		Course name: Numerical Methods				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 13s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 3.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 0						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor: RNDr. Alžbeta Michalíková, PhD., doc. Mgr. Ján Karabáš, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-141		Course name: Operating Systems 1				
Type, extent and method of instruction: Form of instruction: Lecture / Practical Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 4.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	50.0	0.0	0.0	0.0	50.0
Instructor: doc. Ing. Jarmila Škrinárová, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-151		Course name: Operating Systems 2				
Type, extent and method of instruction: Form of instruction: Lecture / Practical Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 26s Method of study: combined						
Number of credits: 3						
Recommended semester/trimester: 5.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	50.0	0.0	50.0	0.0	0.0
Instructor: doc. Ing. Jarmila Škrinárová, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-231		Course name: Principles of Smart Cities				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 13s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 3.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 3						
A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor: prof. Dr. Ing. Miroslav Svítek, Dr.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-153		Course name: Professional Practice 1				
Type, extent and method of instruction: Form of instruction: Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s Method of study: combined						
Number of credits: 10						
Recommended semester/trimester: 5.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment						
The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	50.0	50.0	0.0	0.0	0.0
Instructor:						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-161		Course name: Professional Practice 2				
Type, extent and method of instruction: Form of instruction: Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 508s Method of study: combined						
Number of credits: 20						
Recommended semester/trimester: 6.						
Level: I., P						
Prerequisites: KIN FPV/1e-ain-153/21						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment						
The final number of assessed students: 1						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	100.0
Instructor:						
Last changed: 12.09.2023						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-122		Course name: Programming 1				
Type, extent and method of instruction: Form of instruction: Lecture / Practical Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 39s Method of study: combined						
Number of credits: 6						
Recommended semester/trimester: 2.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 5						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	20.0	40.0	20.0	20.0	0.0
Instructor: RNDr. Miroslav Melicherčík, PhD., doc. Ing. Jarmila Škrinárová, PhD.						
Last changed: 18.05.2022						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-131		Course name: Programming 2				
Type, extent and method of instruction: Form of instruction: Lecture / Practical Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 26s Method of study: combined						
Number of credits: 5						
Recommended semester/trimester: 3.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
0.0	25.0	25.0	25.0	25.0	0.0	0.0
Instructor: Mgr. Michal Vagač, PhD., doc. Ing. Jarmila Škrinárová, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-142		Course name: Programming 3				
Type, extent and method of instruction: Form of instruction: Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 39s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 4.						
Level: I., P						
Prerequisites: KIN FPV/1e-ain-131/21						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 1						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	100.0	0.0	0.0
Instructor:						
Last changed: 11.09.2023						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-143		Course name: Semestral Project				
Type, extent and method of instruction: Form of instruction: Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s Method of study: combined						
Number of credits: 3						
Recommended semester/trimester: 4.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
0.0	25.0	25.0	25.0	0.0	25.0	0.0
Instructor:						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-247		Course name: Soft Computing				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 4.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 0						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor: RNDr. Alžbeta Michalíková, PhD., doc. Ing. Jarmila Škrinárová, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-144		Course name: Software Engineering				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 13s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 4.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
0.0	25.0	50.0	25.0	0.0	0.0	0.0
Instructor: PaedDr. Mgr. Vladimír Siládi, PhD., doc. Ing. Ľudovít Trajtel', PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica					
Faculty: Faculty of Natural Sciences					
Code: 1e-ain-199		Course name: State Exam			
Type, extent and method of instruction: Form of instruction: Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined					
Number of credits: 10					
Recommended semester/trimester:					
Level: I., P					
Prerequisites:					
Course completion conditions:					
Learning objectives:					
Brief outline of the course:					
Recommended literature:					
Language of instruction:					
Notes:student time load:					
Course assessment The final number of assessed students: 0					
A	B	C	D	E	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0
Instructor:					
Last changed: 15.12.2021					
Approved by: doc. Ing. Jarmila Škrinárová, PhD.					

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-245		Course name: Technologies for Virtual and Augmented Reality				
Type, extent and method of instruction: Form of instruction: Practical Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 4.						
Level: I., P						
Prerequisites: KIN FPV/1e-ain-115/21						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	25.0	0.0	75.0	0.0
Instructor: PaedDr. Patrik Voštinár, PhD.						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-125		Course name: Web Technologies 1				
Type, extent and method of instruction: Form of instruction: Practical Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 39s Method of study: combined						
Number of credits: 6						
Recommended semester/trimester: 2.						
Level: I., P						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
75.0	25.0	0.0	0.0	0.0	0.0	0.0
Instructor: PaedDr. Patrik Voštinár, PhD., Mgr. Michal Vagač, PhD., Mgr. Jozef Siláči						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-233		Course name: Web Technologies 2				
Type, extent and method of instruction: Form of instruction: Practical Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 3.						
Level: I., P						
Prerequisites: KIN FPV/1e-ain-125/21						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
25.0	0.0	75.0	0.0	0.0	0.0	0.0
Instructor: PaedDr. Patrik Voštinár, PhD., Ing. Robert Gallas, Mgr. Jozef Siláči						
Last changed: 15.12.2021						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 1e-ain-243		Course name: Web Technologies 3				
Type, extent and method of instruction: Form of instruction: Lecture / Practical Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 4.						
Level: I., P						
Prerequisites: KIN FPV/1e-ain-233/21						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 0						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor: PaedDr. Patrik Voštinár, PhD., Ing. Robert Gallas						
Last changed: 11.09.2023						
Approved by: doc. Ing. Jarmila Škrinárová, PhD.						