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Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-218	Course name: Active participation in a scientific conference (not necessarily with foreign participation)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
0.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-216	Course name: Active participation in a scientific conference with foreign participation
Type, extent and method of instruction: Form of instruction: Course type: (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: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-219	Course name: Active participation in another scientific conference (not necessarily with foreign participation)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
0.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-217	Course name: Active participation in another scientific conference with foreign participation
Type, extent and method of instruction: Form of instruction: Course type: (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: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-215	Course name: Another citation (not necessarily in WoS or Scopus)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
0.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-213	Course name: Another citation in WoS or Scopus
Type, extent and method of instruction: Form of instruction: Course type: (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: III.	
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	
abs	n
0.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-221	Course name: Another invited lecture at a scientific seminar outside MBU (not 3d-MAs-103 to 3d-MAs-110)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
0.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-211	Course name: Another publication registered in MathSciNet (not necessarily in WoS or Scopus)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 15	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
0.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-209	Course name: Another publication registered in the WoS or Scopus database (at least accepted for publication before the defence of the thesis)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 35	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
0.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-227	Course name: Another scientific seminar (at least one semester, not 3d-MAs-103 to 3d-MAs-110)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-214	Course name: Citation (not necessarily in WoS or Scopus)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
0.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-212	Course name: Citation in WoS or Scopus
Type, extent and method of instruction: Form of instruction: Course type: (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: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-225	Course name: Co-investigator of a scientific grant project during second year
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-226	Course name: Co-investigator of a scientific grant project during third year
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-224	Course name: Co-investigator of a scientific grant project for one year
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 3d-MAS-203		Course name: Complex 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: 24s / 12s Method of study: combined						
Number of credits: 18						
Recommended semester/trimester: 1., 2., 3., 4..						
Level: III.						
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. RNDr. Roman Hric, PhD.						
Last changed: 10.05.2022						
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 3d-MAs-205		Course name: Differential equations				
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: 24s / 12s Method of study: combined						
Number of credits: 18						
Recommended semester/trimester: 1., 2., 3., 4..						
Level: III.						
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. RNDr. Roman Hric, PhD.						
Last changed: 10.05.2022						
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 3d-MAS-206		Course name: Dynamical systems				
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: 24s / 12s Method of study: combined						
Number of credits: 18						
Recommended semester/trimester: 1., 2., 3., 4..						
Level: III.						
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: prof. RNDr. Lubomír Snoha, DSc., DrSc., doc. RNDr. Vladimír Špitalský, PhD.						
Last changed: 10.05.2022						
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 3d-MAs-207		Course name: Ergodic theory				
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: 24s / 12s Method of study: combined						
Number of credits: 18						
Recommended semester/trimester: 1., 2., 3., 4..						
Level: III.						
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: prof. RNDr. Lubomír Snoha, DSc., DrSc., doc. RNDr. Roman Hric, PhD.						
Last changed: 10.05.2022						
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 3d-MAs-204		Course name: Functional 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: 24s / 12s Method of study: combined						
Number of credits: 18						
Recommended semester/trimester: 1., 2., 3., 4..						
Level: III.						
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: prof. RNDr. Lubomír Snoha, DSc., DrSc., prof. RNDr. Vladimír Janiš, CSc.						
Last changed: 10.05.2022						
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 3d-MAs-208		Course name: Fuzzy mathematical 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: 24s / 12s Method of study: combined						
Number of credits: 18						
Recommended semester/trimester: 1., 2., 3., 4..						
Level: III.						
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	50.0	0.0	0.0	0.0	0.0
Instructor: prof. RNDr. Vladimír Janiš, CSc.						
Last changed: 10.05.2022						
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.						

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-220	Course name: Invited lecture at a scientific seminar outside MBU (not 3d-MAs-103 to 3d-MAs-110)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
0.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 3d-MAs-202		Course name: Measure and integral				
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: 24s / 12s Method of study: combined						
Number of credits: 18						
Recommended semester/trimester: 1., 2., 3., 4..						
Level: III.						
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: doc. RNDr. Roman Hric, PhD.						
Last changed: 10.05.2022						
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.						

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-222	Course name: Participation at a summer/winter school for PhD students
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-223	Course name: Participation at another summer/ winter school for PhD students
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
0.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-210	Course name: Publication registered in MathSciNet (not necessarily in WoS or Scopus)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 15	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-112	Course name: Publication registered in the WoS or Scopus database (at least accepted for publication before the defence of the thesis)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 35	
Recommended semester/trimester:	
Level: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 3d-MAs-201		Course name: Real 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: 24s / 12s Method of study: combined						
Number of credits: 18						
Recommended semester/trimester: 1., 2., 3., 4..						
Level: III.						
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)
0.0	33.33	33.33	33.33	0.0	0.0	0.0
Instructor: doc. RNDr. Vladimír Špitalský, PhD.						
Last changed: 10.05.2022						
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.						

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-101	Course name: Research methodology and ethics
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: 24s Method of study: combined	
Number of credits: 8	
Recommended semester/trimester: 1., 2..	
Level: III.	
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	
abs	n
100.0	0.0
Instructor: doc. RNDr. Roman Hric, PhD., prof. RNDr. Lubomír Snoha, DSc., DrSc.	
Last changed: 10.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-103	Course name: Scientific seminar 1
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester: 1.	
Level: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 10.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-104	Course name: Scientific seminar 2
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester: 2.	
Level: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 10.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-105	Course name: Scientific seminar 3
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester: 3.	
Level: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-106	Course name: Scientific seminar 4
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester: 4.	
Level: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-107	Course name: Scientific seminar 5
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester: 5.	
Level: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-108	Course name: Scientific seminar 6
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester: 6.	
Level: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-109	Course name: Scientific seminar 7
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester: 7.	
Level: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 3d-MAs-110	Course name: Scientific seminar 8
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester: 8.	
Level: III.	
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	
abs	n
100.0	0.0
Instructor:	
Last changed: 11.05.2022	
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.	

Course Description

University: Matej Bel University in Banská Bystrica					
Faculty: Faculty of Natural Sciences					
Code: 3d-MAs-111		Course name: State Examination - Dissertation Examination			
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: 20					
Recommended semester/trimester:					
Level: III.					
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(1)
0.0	100.0	0.0	0.0	0.0	0.0
Instructor:					
Last changed: 11.05.2022					
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.					

Course Description

University: Matej Bel University in Banská Bystrica					
Faculty: Faculty of Natural Sciences					
Code: 3d-MAS-113		Course name: State Examination - Dissertation Thesis and Defence			
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: 40					
Recommended semester/trimester:					
Level: III.					
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(1)
100.0	0.0	0.0	0.0	0.0	0.0
Instructor:					
Last changed: 11.05.2022					
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.					

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 3d-MAs-102		Course name: Topology				
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: 24s / 12s Method of study: combined						
Number of credits: 18						
Recommended semester/trimester: 1.						
Level: III.						
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)
0.0	66.67	33.33	0.0	0.0	0.0	0.0
Instructor: doc. RNDr. Vladimír Špitalský, PhD., prof. RNDr. Miroslav Haviar, CSc.						
Last changed: 10.05.2022						
Approved by: prof. RNDr. Lubomír Snoha, DSc., DrSc.						