

Register

1. Active participation in a scientific conference (not necessarily with foreign participation).....	2
2. Active participation in a scientific conference with foreign participation.....	3
3. Active participation in another scientific conference (not necessarily with foreign participation).....	4
4. Active participation in another scientific conference with foreign participation.....	5
5. Another citation (not necessarily in WoS or Scopus).....	6
6. Another citation in WoS or Scopus.....	7
7. Another invited lecture at a scientific seminar outside MBU (not 3d-MAs-103 to 3d-MAs-110).....	8
8. Another publication registered in MathSciNet (not necessarily in WoS or Scopus).....	9
9. Another publication registered in the WoS or Scopus database (at least accepted for publication before the defence of the thesis).....	10
10. Another scientific seminar (at least one semester, not 3d-MAs-103 to 3d-MAs-110).....	11
11. Citation (not necessarily in WoS or Scopus).....	12
12. Citation in WoS or Scopus.....	13
13. Co-investigator of a scientific grant project during second year.....	14
14. Co-investigator of a scientific grant project during third year.....	15
15. Co-investigator of a scientific grant project for one year.....	16
16. Complex analysis.....	17
17. Differential equations.....	18
18. Dynamical systems.....	19
19. Ergodic theory.....	20
20. Functional analysis.....	21
21. Fuzzy mathematical analysis.....	22
22. Invited lecture at a scientific seminar outside MBU (not 3d-MAs-103 to 3d-MAs-110).....	23
23. Measure and integral.....	24
24. Participation at a summer/winter school for PhD students.....	25
25. Participation at another summer/ winter school for PhD students.....	26
26. Publication registered in MathSciNet (not necessarily in WoS or Scopus).....	27
27. Publication registered in the WoS or Scopus database (at least accepted for publication before the defence of the thesis).....	28
28. Real analysis.....	29
29. Research methodology and ethics.....	30
30. Scientific seminar 1.....	31
31. Scientific seminar 2.....	32
32. Scientific seminar 3.....	33
33. Scientific seminar 4.....	34
34. Scientific seminar 5.....	35
35. Scientific seminar 6.....	36
36. Scientific seminar 7.....	37
37. Scientific seminar 8.....	38
38. State Examination - Dissertation Examination.....	39
39. State Examination - Dissertation Thesis and Defence.....	40
40. Topology.....	41

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.						