

Register

1. Academic Writing.....	3
2. Active learnig in science subjects.....	5
3. Active learning in physics.....	6
4. Advanced technologies to process Big Data.....	7
5. Chapters from elementary geometry.....	8
6. Chapters from modern mathematics.....	9
7. Conics and quadrics.....	10
8. Conics and quadrics - exercises.....	11
9. Continuous Teaching Practice 1.....	12
10. Continuous Teaching Practice 2.....	13
11. Continuous teaching practice 1.....	14
12. Continuous teaching practice 2.....	15
13. Cross-cutting themes in education.....	16
14. Dialogues on modern physics.....	17
15. Didactic seminar 3.....	18
16. Didactics of physics 1.....	19
17. Didactics of physics 2.....	20
18. Didactics of physics problems solving.....	21
19. Digital empowerment and participation.....	22
20. Digital technologies in physics education.....	23
21. Diploma seminar.....	24
22. Diploma thesis seminar.....	25
23. Discrete mathematics 2.....	26
24. Educational and school psychology.....	27
25. Electoral Geography.....	28
26. Erasmus student network 1.....	29
27. Extended course of quantum mechanics.....	30
28. Field Course Abroad.....	31
29. Finance in practice.....	32
30. General Foundations of Private Law.....	33
31. Geographical learning of Europe.....	35
32. Geopolitical development of the World.....	36
33. History of mathematics.....	37
34. History of physics.....	38
35. ICT in school practice.....	39
36. Integrated science through experiments.....	40
37. Integrated science through experiments.....	41
38. Intensive Teaching Practice.....	42
39. Intensive teaching practice.....	43
40. Interest mathematics.....	44
41. Introduction to zootherapy.....	45
42. Limity intimy: o zodpovedných vztáhoch.....	46
43. Mediation and resolution of interpersonal conflicts.....	47
44. Methodology of mathematics and problem solving 1.....	48
45. Methodology of mathematics and problem solving 2.....	49
46. Modern Rhetoric.....	50
47. Myths and urban legends in natural sciences.....	52
48. Observation Teaching Practice.....	53

49. Observation Teaching Practice.....	54
50. Physical Education 6.....	55
51. Physical Education 7.....	56
52. Physical Education 8.....	57
53. Physics of the Earth's atmosphere and the Universe.....	58
54. Positive psychology.....	59
55. Project management.....	60
56. Research methodology in education.....	61
57. School pedagogy and school management.....	62
58. Set theory and theoretical arithmetic.....	63
59. Social pathology and prevention.....	64
60. State exam - Diploma thesis with defense.....	65
61. State exam: Diploma thesis with defence.....	66
62. Statistics for teachers.....	67
63. The Great Works in World Literature II.....	68
64. Theory of mathematics teaching 1.....	70
65. Theory of mathematics teaching 2.....	71
66. Topics from electricity and magnetism.....	72
67. Topics from mechanics and molecular physics.....	73
68. Topics from optics.....	74
69. Univerzitný folklórny súbor 1.....	75
70. Univerzitný komorný orchester 1.....	76
71. Univerzitný spevácky zbor 1.....	77
72. Volunteer management.....	78
73. Výskumný projekt 3.....	79
74. Výskumný projekt 4.....	80

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 2d-ap-55 **Course name:** Academic Writing

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: 13 / 13

Method of study: combined

Number of credits: 3

Recommended semester/trimester: 1., 3.

Level: II.

Prerequisites:

Course completion conditions:

- a) independence,
- b) active and creative participation in the practical parts of the course,
- c) mastering the final written output.

a) continuous assessment:

Test: 0 – 40 points.

b) final assessment:

Final Test: 0 – 60 points

Maximum number of points covering continual and final assessment: 100.

Credits are assigned to the student who acquires a minimum of 65 points out of a possible 100.

Learning objectives:

Course aims

Student

1. remembers differences between oral and written/print communication,
2. uses gained knowledge by creating written text,
3. is able to work on his own and conceive information,
4. applies theoretical knowledge by solving practical tasks,
5. evaluates and is able to justify chosen solution by reasoning,
6. creates complex written communication, which he is able to present to professional and lay recipient as well.

Brief outline of the course:

Modern scientific and professional communication sphere. Successful communication as a professional skill and a social advantage. Oral and written/printed communication in the academic environment - similarities and differences, complementarity, intercultural features. Formal and content page of professional text. Genre typology of professional texts. Ethical aspects of academic communication, copyright. Choice of thesis topic: strategy, title and structure. Information sources, sources and documents - types, selection, critical analysis, inclusion in a professional text with an argumentative mission. References, citations and citation standards. Academic writing through the viewfinder of the composition - the relationship between intention, genre and architecture (diploma thesis). Canonical components of the academic text. Coherence and continuity of the text. Neuralgic places in academic writing.

Recommended literature:

1. ČMEJRKOVÁ, S. – DANEŠ, F. – SVĚTLÁ, J.: Jak napsat odborný text. Praha : Leda, 1999.
2. GIBILISCO, S.: Statistika bez předchozích znalostí. Brno : Computer Press, 2009.
3. CHAJDIAK, J.: Štatistika jednoducho. Bratislava : Statis, 2003.
4. KAHN, N. B.: Jak efektivně studovat a pracovat s informacemi. Praha : Portál, 2001.
5. KATUŠČÁK, D. a kol.: Ako písť záverečné a kvalifikačné práce. Martin : Enigma, 2007.
6. MEŠKO, D. et al.: Akademická príručka. 2. uprav. a dopln. vyd. Martin : Osveta, 2005.
7. PATRÁŠ, V.: Pohotové čítanie a myšlienkové spracovanie textu. Banská Bystrica : UMB, 2011.
8. PUNCH, K.: Úspěšný návrh výzkumu. Praha : Portál, 2008.
9. SPOUSTA, V.: Vademékum autora odborné a vedecké práce. Brno : Akademické nakladatelství CERM, s. r. o., 2009.
10. STAROŇOVÁ, K.: Vedecké písanie. Ako písť akademické a vedecké texty. Martin : Osveta, 2011.
11. ŠESTÁK, Z.: Jak psát a přednášet o vědě. 1. vyd. Praha : Academia, 2000.
12. ŠIROKÝ, J. a kol.: Tvoříme a publikujeme odborné texty. Brno : Computer Press, 2011.

Language of instruction:

Slovak, Czech

Notes:student time load:

90 hrs., of that:

Combined study (L, C): 26 hrs.

Self-study: 39 hrs.

Preparation for written exams: 25 hrs.

Course assessment

The final number of assessed students: 151

A	B	C	D	E	FX(0)	FX(1)	n
40.4	12.58	6.62	23.18	15.23	1.32	0.66	0.0

Instructor: prof. PaedDr. Vladimír Patráš, CSc.**Last changed:** 07.09.2023**Approved by:** doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2d-fpv-123	Course name: Active learnig in science subjects					
Type, extent and method of instruction:						
Form of instruction: Seminar						
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)						
Recommended number of periods: 26						
Method of study: combined						
Number of credits: 3						
Recommended semester/trimester:						
Level: II.						
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	p	v			
0.0	0.0	0.0	0.0			
Instructor: doc. RNDr. Janka Raganová, PhD.						
Last changed: 28.08.2019						
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.						

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-105	Course name: Active learning in physics											
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: 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 3.												
Level: II.												
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)						
40.0	60.0	0.0	0.0	0.0	0.0	0.0						
Instructor:												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 2d-fpv-401 **Course name:** Advanced technologies to process Big Data

Type, extent and method of instruction:

Form of instruction: Lecture / Practical / Seminar / Laboratory practical

Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)

Recommended number of periods: 0 / 26 / 0 / 0

Method of study: combined

Number of credits: 3

Recommended semester/trimester: 2.

Level: II.

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: Mgr. Adam Dudáš, PhD., RNDr. Alžbeta Michalíková, PhD., doc. Ing. Jarmila Škrinárová, PhD.

Last changed:

Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-205	Course name: Chapters from elementary geometry											
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: 13 / 13												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 2., 4.												
Level: II.												
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	20.0	40.0	20.0	20.0	0.0	0.0						
Instructor: Mgr. Michaela Mihoková, PhD.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-210	Course name: Chapters from modern mathematics											
Type, extent and method of instruction:												
Form of instruction: Lecture												
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 20s												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 2., 4.												
Level: II.												
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: 16												
A	B	C	D	E	FX(0)	FX(1)						
93.75	0.0	6.25	0.0	0.0	0.0	0.0						
Instructor: Mgr. Michaela Mihoková, PhD.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-103	Course name: Conics and quadrics											
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: 13 / 13												
Method of study: combined												
Number of credits: 2												
Recommended semester/trimester: 1.												
Level: II.												
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: 36												
A	B	C	D	E	FX(0)	FX(1)						
30.56	22.22	19.44	16.67	0.0	2.78	8.33						
Instructor: doc. PaedDr. Martin Papčo, PhD.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-202	Course name: Conics and quadrics - exercises											
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: 0 / 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 1., 3.												
Level: II.												
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: 36												
A	B	C	D	E	FX(0)	FX(1)						
33.33	19.44	19.44	16.67	2.78	2.78	5.56						
Instructor: doc. PaedDr. Martin Papčo, PhD.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-104	Course name: Continuous Teaching Practice 1											
Type, extent and method of instruction:												
Form of instruction: Lecture / Practical / Seminar												
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 0 / 26 / 0												
Method of study: combined												
Number of credits: 2												
Recommended semester/trimester: 2.												
Level: II.												
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: 16												
A	B	C	D	E	FX(0)	FX(1)						
87.5	6.25	6.25	0.0	0.0	0.0	0.0						
Instructor: Mgr. Vladimír Kobza, PhD.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-107	Course name: Continuous Teaching Practice 2											
Type, extent and method of instruction:												
Form of instruction: Lecture / Practical / Seminar												
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 0 / 26 / 0												
Method of study: combined												
Number of credits: 2												
Recommended semester/trimester: 3.												
Level: II.												
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: 16												
A	B	C	D	E	FX(0)	FX(1)						
75.0	12.5	12.5	0.0	0.0	0.0	0.0						
Instructor: Mgr. Vladimír Kobza, PhD.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-104	Course name: Continuous teaching practice 1											
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: 2												
Recommended semester/trimester: 2.												
Level: II.												
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)						
80.0	20.0	0.0	0.0	0.0	0.0	0.0						
Instructor: doc. RNDr. Janka Raganová, PhD.												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-107	Course name: Continuous teaching practice 2											
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: 2												
Recommended semester/trimester: 3.												
Level: II.												
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)						
60.0	20.0	20.0	0.0	0.0	0.0	0.0						
Instructor: doc. PaedDr. Miriam Spodniaková Pfefferová, PhD., doc. RNDr. Janka Raganová, PhD.												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica														
Faculty: Faculty of Natural Sciences														
Code: 2d-PTE-102	Course name: Cross-cutting themes in education													
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: 13 / 13														
Method of study: combined														
Number of credits: 3														
Recommended semester/trimester: 3.														
Level: II.														
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: 117														
A	B	C	D	E	FX(0)	FX(1)	n							
91.45	4.27	2.56	0.0	0.0	0.0	1.71	0.0							
Instructor: doc. PaedDr. Lenka Rovňanová, PhD., doc. Mgr. Lívia Nemcová, PhD.														
Last changed: 06.12.2021														
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.														

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-207	Course name: Dialogues on modern physics											
Type, extent and method of instruction:												
Form of instruction: Seminar												
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 3.												
Level: II.												
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:												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-108	Course name: Didactic seminar 3											
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: 13 / 13												
Method of study: combined												
Number of credits: 2												
Recommended semester/trimester: 3.												
Level: II.												
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: 16												
A	B	C	D	E	FX(0)	FX(1)						
62.5	37.5	0.0	0.0	0.0	0.0	0.0						
Instructor: prof. RNDr. Pavol Hanel, CSc.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Havíar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-101	Course name: Didactics of physics 1											
Type, extent and method of instruction:												
Form of instruction: Lecture / Seminar / Laboratory practical												
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 13 / 26 / 26												
Method of study: combined												
Number of credits: 4												
Recommended semester/trimester: 1.												
Level: II.												
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: 8												
A	B	C	D	E	FX(0)	FX(1)						
0.0	62.5	25.0	0.0	0.0	0.0	12.5						
Instructor: doc. RNDr. Janka Raganová, PhD.												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-103	Course name: Didactics of physics 2											
Type, extent and method of instruction:												
Form of instruction: Lecture / Seminar / Laboratory practical												
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 13 / 26 / 26												
Method of study: combined												
Number of credits: 4												
Recommended semester/trimester: 2.												
Level: II.												
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	40.0	40.0	0.0	20.0	0.0	0.0						
Instructor: doc. PaedDr. Miriam Spodniaková Pfefferová, PhD., doc. RNDr. Martin Plesch, PhD.												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-208	Course name: Didactics of physics problems solving											
Type, extent and method of instruction:												
Form of instruction: Seminar												
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 3.												
Level: II.												
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)						
40.0	60.0	0.0	0.0	0.0	0.0	0.0						
Instructor:												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica								
Faculty: Faculty of Natural Sciences								
Code: 2d-DEP-513 Course name: Digital empowerment and participation								
Type, extent and method of instruction:								
Form of instruction: Practical								
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)								
Recommended number of periods: 26								
Method of study: combined								
Number of credits: 2								
Recommended semester/trimester:								
Level: II., 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								
<table border="1"><thead><tr><th>abs</th><th>n</th><th>p</th><th>v</th></tr></thead><tbody><tr><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td></tr></tbody></table>	abs	n	p	v	0.0	0.0	0.0	0.0
abs	n	p	v					
0.0	0.0	0.0	0.0					
Instructor: doc. PhDr. Alžbeta Brozmanová Gregorová, PhD., Mgr. Zuzana Heinzová, PhD.								
Last changed: 08.09.2023								
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.								

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-106	Course name: Digital technologies in physics education											
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: 26												
Method of study: combined												
Number of credits: 2												
Recommended semester/trimester: 3.												
Level: II.												
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)						
60.0	40.0	0.0	0.0	0.0	0.0	0.0						
Instructor:												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-209	Course name: Diploma seminar											
Type, extent and method of instruction:												
Form of instruction: Seminar												
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 4.												
Level: II.												
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	50.0	0.0	0.0	0.0	0.0	0.0						
Instructor:												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-211	Course name: Diploma thesis seminar											
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: 0 / 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 4.												
Level: II.												
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: Mgr. Michaela Bruteničová, doc. RNDr. Matúš Dirbák, PhD., prof. RNDr. Pavol Hanel, CSc., prof. RNDr. Miroslav Havíar, CSc., doc. RNDr. Roman Hric, PhD., prof. RNDr. Vladimír Janiš, CSc., Mgr. Vladimír Kobza, PhD., Mgr. Lukáš Lafférs, PhD., Mgr. Michaela Mihoková, PhD., Mgr. Miroslava Poláková, prof. RNDr. Lubomír Snoha, DSc., DrSc., doc. RNDr. Vladimír Špitalský, PhD., Mgr. Miroslav Výbošťok, PhD.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Havíar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-206	Course name: Discrete mathematics 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: 26 / 13												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 2., 4.												
Level: II.												
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. Matúš Dirbák, PhD.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica														
Faculty: Faculty of Natural Sciences														
Code: 2d-PGS-401	Course name: Educational and school psychology													
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: 26 / 13														
Method of study: combined														
Number of credits: 3														
Recommended semester/trimester: 1.														
Level: II.														
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: 404														
A	B	C	D	E	FX(0)	FX(1)	n							
23.27	23.76	25.0	18.56	9.16	0.0	0.25	0.0							
Instructor: doc. PaedDr. Lada Kaliská, PhD.														
Last changed: 19.04.2023														
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.														

Course Description

University: Matej Bel University in Banská Bystrica								
Faculty: Faculty of Natural Sciences								
Code: 2d-fpv-307 Course name: Electoral Geography								
Type, extent and method of instruction:								
Form of instruction: Seminar								
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)								
Recommended number of periods: 13								
Method of study: combined								
Number of credits: 3								
Recommended semester/trimester: 2., 4.								
Level: II.								
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: 186								
<table border="1"><thead><tr><th>abs</th><th>n</th><th>p</th><th>v</th></tr></thead><tbody><tr><td>97.85</td><td>2.15</td><td>0.0</td><td>0.0</td></tr></tbody></table>	abs	n	p	v	97.85	2.15	0.0	0.0
abs	n	p	v					
97.85	2.15	0.0	0.0					
Instructor:								
Last changed: 24.07.2015								
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.								

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: ESN1	Course name: Erasmus student network 1					
Type, extent and method of instruction:						
Form of instruction:						
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)						
Recommended number of periods:						
Method of study: combined						
Number of credits: 3						
Recommended semester/trimester: 1., 3.						
Level: I., II.						
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: 11						
abs	n	p	v			
100.0	0.0	0.0	0.0			
Instructor: doc. Mgr. et Mgr. Ing. Miroslava Knapková, PhD.						
Last changed:						
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.						

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-204	Course name: Extended course of quantum mechanics											
Type, extent and method of instruction:												
Form of instruction: Seminar												
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 2.												
Level: II.												
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:												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2d-fpv-205	Course name: Field Course Abroad					
Type, extent and method of instruction:						
Form of instruction: Practical						
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)						
Recommended number of periods: 1560						
Method of study: combined						
Number of credits: 6						
Recommended semester/trimester: 2., 4.						
Level: II.						
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: 30						
abs	n	p	v			
93.33	6.67	0.0	0.0			
Instructor: doc. RNDr. Alfonz Gajdoš, PhD.						
Last changed: 03.02.2017						
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2d-fpv-124	Course name: Finance in practice					
Type, extent and method of instruction:						
Form of instruction: Seminar						
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)						
Recommended number of periods: 26						
Method of study: combined						
Number of credits: 3						
Recommended semester/trimester: 1., 3.						
Level: II.						
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: 16						
abs	n	p	v			
100.0	0.0	0.0	0.0			
Instructor: Ing. Janka Crmanová						
Last changed: 28.03.2023						
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.						

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 2d-uVZSP **Course name:** General Foundations of Private Law

Type, extent and method of instruction:

Form of instruction: Lecture

Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)

Recommended number of periods: 26

Method of study: combined

Number of credits: 3

Recommended semester/trimester: 2., 4.

Level: II.

Prerequisites:

Course completion conditions:

The prerequisite for passing the course is attendance at a minimum of 90% of the teaching and active participation of students in class. The evaluation is in accordance with the classification scale according to the Study Regulations of Matej Bel University.

a) continuous assessment:

Continuous evaluation is not performed.

b) final assessment:

The basis for the award of the final grade is the demonstration of mastery of the knowledge of the lecture material, which is demonstrated in an active dialogue with the teacher in the teaching of the subject.

Learning objectives:

The graduate will be able to distinguish private law from public law, will be oriented in the basic principles of private law, which in the European continental legal system traditionally includes civil law, commercial law, family law and international private law. The graduate will have knowledge of the basic institutions of private law (both substantive and procedural), their current legal regulation and use in practice.

Brief outline of the course:

Recommended literature:

VOJČÍK, P. a kol.: Občianske právo hmotné 1. a 2., Plzeň: Aleš Čenek, 2018. 764 s. ISBN 978-80-73807-19-1.

CIRÁK, J. - GANDŽALOVÁ, D.: Základy rodinného práva, Úvodná časť - Manželské práva - Osvojenie, Banská Bystrica: UMB Belianum, 2019. ISBN 978-80-557-1548-3.

MURÁNSKA, J. - GANDŽALOVÁ, D. - TAKÁČ, J.: Základy rodinného práva, Rodičia a deti - Výživné, Banská Bystrica: UMB Belianum, 2019. ISBN 978-80-557-1622-0.

KUBÍČEK, P. – ŠKRINÁR, A. – NEVOLNÁ, Z. – KOLKUSOVÁ, R. – ĎURICA, M.: Obchodné právo. 3. vydanie. Plzeň: Aleš Čeněk, 2021, 420 s. ISBN 978-80-7380-847-1.

Act No. 40/1964 Coll. Civil Code as amended.

Act No. 36/2005 Coll. on the Family, as amended.

Act No. 160/2015 Coll. on the Civil Procedure Code, as amended.

Act No. 161/2015 Coll. on the Civil Procedure Code, as amended.

Act No. 513/1990 Coll., Commercial Code, as amended.

Language of instruction:

Slovak language

Notes:student time load:

90 hours

combined study (L, C): 26 hours

self-study: 64 hours

Course assessment

The final number of assessed students: 0

abs	n	p	v
0.0	0.0	0.0	0.0

Instructor: prof. JUDr. Daniela Gandžalová, PhD., doc. JUDr. Marián Ďurana, PhD., doc. JUDr. Juraj Takáč, PhD., doc. JUDr. Katarína Zajác Ševcová, PhD., JUDr. Monika Némethová, PhD., Mgr. Miroslava Dolíhalová, PhD., Mgr. Jakub Dzimko, PhD., JUDr. Eva Cvengová, JUDr. Dominik Čipka, JUDr. Drahomíra Dibdiaková, JUDr. Ing. Miroslav Paller

Last changed: 30.03.2023

Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2d-fpv-323	Course name: Geographical learning of Europe					
Type, extent and method of instruction:						
Form of instruction: Seminar						
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)						
Recommended number of periods: 13						
Method of study: combined						
Number of credits: 3						
Recommended semester/trimester: 1., 3.						
Level: II.						
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: 411						
abs	n	p	v			
96.35	3.65	0.0	0.0			
Instructor:						
Last changed: 19.09.2018						
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.						

Course Description

University: Matej Bel University in Banská Bystrica														
Faculty: Faculty of Natural Sciences														
Code: 2d-fpv-114	Course name: Geopolitical development of the World													
Type, extent and method of instruction:														
Form of instruction: Seminar														
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)														
Recommended number of periods: 26														
Method of study: combined														
Number of credits: 4														
Recommended semester/trimester: 1., 3.														
Level: II.														
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: 71														
A	B	C	D	E	FX(0)	FX(1)	n							
53.52	12.68	15.49	5.63	4.23	7.04	1.41	0.0							
Instructor:														
Last changed: 03.02.2017														
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.														

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-208	Course name: History of mathematics											
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: 26 / 0												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 1., 3.												
Level: II.												
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: 19												
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. RNDr. Roman Hric, PhD.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Havíar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2d-fpv-106	Course name: History of physics					
Type, extent and method of instruction:						
Form of instruction: Lecture / Seminar						
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)						
Recommended number of periods: 13 / 13						
Method of study: combined						
Number of credits: 3						
Recommended semester/trimester: 1.						
Level: II.						
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: 31						
abs	n	p	v			
93.55	6.45	0.0	0.0			
Instructor: doc. RNDr. Janka Raganová, PhD.						
Last changed: 10.02.2016						
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.						

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-207	Course name: ICT in school practice											
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: 13 / 13												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 1., 3.												
Level: II.												
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: 32												
A	B	C	D	E	FX(0)	FX(1)						
75.0	21.88	0.0	3.13	0.0	0.0	0.0						
Instructor: prof. RNDr. Pavol Hanel, CSc.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Havíar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-fpv-209	Course name: Integrated science through experiments											
Type, extent and method of instruction:												
Form of instruction: Seminar												
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 2.												
Level: II.												
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:												
Last changed: 12.02.2016												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-206	Course name: Integrated science through experiments											
Type, extent and method of instruction:												
Form of instruction: Seminar												
Course type: BC (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 2.												
Level: II.												
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)						
100.0	0.0	0.0	0.0	0.0	0.0	0.0						
Instructor: doc. RNDr. Martin Plesch, PhD.												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-109	Course name: Intensive Teaching Practice											
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: 30s												
Method of study: combined												
Number of credits: 2												
Recommended semester/trimester: 4.												
Level: II.												
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: 7												
A	B	C	D	E	FX(0)	FX(1)						
100.0	0.0	0.0	0.0	0.0	0.0	0.0						
Instructor: Mgr. Vladimír Kobza, PhD.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-108	Course name: Intensive teaching practice											
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: 2												
Recommended semester/trimester: 4.												
Level: II.												
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)						
100.0	0.0	0.0	0.0	0.0	0.0	0.0						
Instructor:												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-203	Course name: Interest mathematics											
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: 0 / 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 1., 3.												
Level: II.												
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: 26												
A	B	C	D	E	FX(0)	FX(1)						
57.69	7.69	0.0	26.92	7.69	0.0	0.0						
Instructor: Mgr. Michaela Mihoková, PhD.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-biu-301	Course name: Introduction to zootherapy											
Type, extent and method of instruction:												
Form of instruction: Seminar												
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 13												
Method of study: combined												
Number of credits: 2												
Recommended semester/trimester: 1.												
Level: II.												
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: 138												
A	B	C	D	E	FX(0)	FX(1)						
76.81	14.49	2.9	1.45	0.0	4.35	0.0						
Instructor:												
Last changed: 09.04.2019												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 2d-LMT-123 | **Course name:** Limity intimity: o zodpovedných vzťahoch

Type, extent and method of instruction:

Form of instruction: Practical / Seminar

Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)

Recommended number of periods: 13 / 13

Method of study: combined

Number of credits: 3

Recommended semester/trimester: 2., 4.

Level: II.

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	p	v
0.0	0.0	0.0	0.0

Instructor: doc. Mgr. Lívia Nemcová, PhD., doc. PaedDr. Lenka Rovňanová, PhD.

Last changed: 22.03.2023

Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 2d-MRK-402 | **Course name:** Mediation and resolution of interpersonal conflicts

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: 13 / 13

Method of study: combined

Number of credits: 3

Recommended semester/trimester: 1.

Level: II.

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: 58

A	B	C	D	E	FX(0)	FX(1)	n
48.28	27.59	13.79	6.9	1.72	1.72	0.0	0.0

Instructor: Mgr. Zuzana Heinzová, PhD., doc. Mgr. Lenka Ďuricová, PhD.

Last changed: 03.02.2022

Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-201	Course name: Methodology of mathematics and problem solving 1											
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: 26 / 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 1.												
Level: II.												
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: 18												
A	B	C	D	E	FX(0)	FX(1)						
5.56	5.56	55.56	22.22	11.11	0.0	0.0						
Instructor: prof. RNDr. Lubomír Snoha, DSc., DrSc.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-204	Course name: Methodology of mathematics and problem solving 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: 26 / 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 2.												
Level: II.												
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.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 2d-mr-54 **Course name:** Modern Rhetoric

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: 13 / 13

Method of study: combined

Number of credits: 3

Recommended semester/trimester: 2.

Level: II.

Prerequisites:

Course completion conditions:

a) continuous assessment:

discussible approaches to the introduced case studies (0 – 25 points)

suggestions for the synchronization of the parts in the rhetoric speech (0 – 25 points)

b) final assessment:

presentation of the chosen motif in the public performance with the speech analysis (0 – 50 points)
Maximum number of points obtained is 100.

Credits are assigned to the student who acquires minimum 65 points for fulfilling certain conditions.

Learning objectives:

The student will be able

1. To know the purpose and be aware of the meaning of the public communication,
2. To understand the interdisciplinary definition, relations and connections in the speech communication,
3. To identify the conceptual-compositional essence of the speech text,
4. To master the content-motivic peculiarities and expressional possibilities of the rhetoric communicate,
5. To respect the principles of preparation and rules of successful rhetoric,
6. To purposefully apply the acquired knowledge in a way to make the speech interesting, impressive, argumentative persuasive, understandable and cultivated.

Brief outline of the course:

Profile and purpose of the subject, literature and sources. (Self)image, stage fright. Communication means of the speaker - verbal and nonverbal part. Verbal part of the rhetoric communication - selective excursions. Accuracy and comprehensibility: the topic and its structure. Genres of speech. Nonverbal components of rhetoric communication - essence and meaning. Arguing, wrong arguments and communication risks. Detailed preparation of public speaking.

Recommended literature:

a) basic:

ARISTOTELES: Rétorika. Martin : Thetis, 2009.

DAŇKOVÁ, M.: Prokoukněte komunikační styly druhých. Praha : Grada Publishing, 2018.

FEXEUS, H.: Nejlepší přesvědčovací techniky. Praha : Grada Publishing, 2017.

- GALLO, J.: Rétorika v teórii a praxi. Prešov : Dominanta, 2004.
- HIERHOLD, E.: Rétorika a prezentace. Praha : Grada, 2005.
- KRÁĽ, Á.: Pravidlá slovenskej výslovnosti. Martin : Matica slovenská, 2005.
- MISTRÍK, J.: Rétorika. 3. vyd. Bratislava : SPN, 1987.
- PATRÁŠ, V.: Pohotové čítanie a myšlienkové spracovanie textu. Banská Bystrica : UMB, 2011.
- ŠKVARENINOVÁ, O.: Rečová komunikácia. 3., rozšír. vyd. Trnava : UCM, 2014.
- ŠPAČKOVÁ, A.: Moderní rétorika na univerzitě. Praha : UK, 2017.
- b) secondary:
- BECK/ová, G.: Zakázaná rétorika. 30 manipulatívnych techník. Praha : Grada, 2007.
- BRUNO/vá, T. – ADAMCZYK, G.: Řeč těla. Praha : Grada, 2005.
- BUČEK, J.: Rola moderátora v masmediálnom dialógu. Zlín : VeRBuM, 2012.
- EKMAN, P. – FRIESEN, W.: Emoce pod maskou. Praha : Biz Books, 2015.
- KRAUS, J. a kol.: Člověk mluvící. Voznice : Leda, 2011.
- MARKOŠ, J.: Sila rozumu v bláznevej dobe. Bratislava : NPress, 2019.
- MYSLOVIČOVÁ, S. – VANČOVÁ, I. (eds.): Spytovali ste sa. Bratislava : JÚLŠ SAV, 2017.
- SLEZÁK, M.: Achillova pata a jiné patálí: dobrodružný výklad živých slov, rčení, úsloví a často používaných frází od A do Ž. Praha : Euromedia Group, 2019.
- STEHLÍKOVÁ, M.: Tajomstvo reči tela. Bratislava : BodyTalks, 2018.
- STANČEK, L. – ŠURÁB, M.: Rétorika dnes. Ružomberok : Rektorát KU, 2006.
- TERMANN, S.: Umění přesvědčit a vyjednat. Praha : Grada, 2009.
- URBANOVÁ, M. a kol.: Rétorika pro právníky. Plzeň : Aleš Čeněk, 2009.
- VYBÍRAL, Z.: Psychologie komunikace. Praha : Portál, 2005.

Language of instruction:

Notes:student time load:

90 hrs.

Sit-in-class study (L,S,C): 26 hrs.

Work with the technical literature and sources: 20 hrs.

E-learning, case studies: 10 hrs.

Preparation for the final assessment: 24 hrs.

Preparation for the public performance in front of the audience: 10 hrs.

Course assessment

The final number of assessed students: 75

A	B	C	D	E	FX(0)	FX(1)	n
50.67	18.67	16.0	5.33	4.0	5.33	0.0	0.0

Instructor: prof. PaedDr. Vladimír Patráš, CSc.

Last changed: 31.01.2024

Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-fpv-105	Course name: Myths and urban legends in natural sciences											
Type, extent and method of instruction:												
Form of instruction: Lecture												
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 13												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 1.												
Level: II.												
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: 160												
A	B	C	D	E	FX(0)	FX(1)						
91.25	0.63	0.0	0.0	0.0	8.13	0.0						
Instructor: doc. RNDr. Šimon Budzák, PhD.												
Last changed: 24.09.2019												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-101	Course name: Observation Teaching Practice											
Type, extent and method of instruction:												
Form of instruction: Lecture / Practical / Seminar												
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 0 / 26 / 0												
Method of study: combined												
Number of credits: 2												
Recommended semester/trimester: 1.												
Level: II.												
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: 36												
A	B	C	D	E	FX(0)	FX(1)						
94.44	5.56	0.0	0.0	0.0	0.0	0.0						
Instructor: Mgr. Vladimír Kobza, PhD.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-102	Course name: Observation Teaching Practice											
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: 2												
Recommended semester/trimester: 1.												
Level: II.												
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: 8												
A	B	C	D	E	FX(0)	FX(1)						
62.5	12.5	12.5	12.5	0.0	0.0	0.0						
Instructor: doc. RNDr. Janka Raganová, PhD.												
Last changed: 16.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2d-vstv-106	Course name: Physical Education 6					
Type, extent and method of instruction:						
Form of instruction: Seminar						
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)						
Recommended number of periods: 26						
Method of study: combined						
Number of credits: 3						
Recommended semester/trimester: 1., 3.						
Level: II.						
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: 73						
abs	n	p	v			
94.52	5.48	0.0	0.0			
Instructor: Mgr. Jaroslav Popelka, PhD., PaedDr. Jaroslav Kompán, PhD., Mgr. Andrea Izáková, PhD., doc. PaedDr. Jiří Michal, PhD., PaedDr. Mgr. Lukáš Opáth, PhD., doc. PaedDr. Pavol Pivovarniček, PhD., Mgr. Kristián Bako, Mgr. Michal Hlávek, Mgr. Marián Škorik						
Last changed: 27.03.2023						
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Havíar, CSc.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2d-vstv-107	Course name: Physical Education 7					
Type, extent and method of instruction:						
Form of instruction: Seminar						
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)						
Recommended number of periods: 26						
Method of study: combined						
Number of credits: 3						
Recommended semester/trimester: 2., 4.						
Level: II.						
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	p	v			
0.0	0.0	0.0	0.0			
Instructor: Mgr. Jaroslav Popelka, PhD., PaedDr. Jaroslav Kompán, PhD., Mgr. Andrea Izáková, PhD., doc. PaedDr. Jiří Michal, PhD., PaedDr. Mgr. Lukáš Opáth, PhD., doc. PaedDr. Pavol Pivovarniček, PhD., Mgr. Martin Bako, Mgr. Marián Škorik, Mgr. Michal Hlávek						
Last changed: 27.03.2023						
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.						

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 2d-vstv-108 **Course name:** Physical Education 8

Type, extent and method of instruction:

Form of instruction: Seminar

Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)

Recommended number of periods: 26

Method of study: combined

Number of credits: 3

Recommended semester/trimester: 1., 3.

Level: II.

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: 54

abs	n	p	v
92.59	7.41	0.0	0.0

Instructor: PaedDr. Boris Bečák, PhD., Mgr. Jaroslav Popelka, PhD., PaedDr. Jaroslav Kompán, PhD., Mgr. Andrea Izáková, PhD., doc. PaedDr. Jiří Michal, PhD., PaedDr. Mgr. Lukáš Opáth, PhD., doc. PaedDr. Pavol Pivovarniček, PhD., Mgr. Michal Hlávek, Mgr. Kristián Bako, Mgr. Marián Škorik

Last changed: 27.03.2023

Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-205	Course name: Physics of the Earth's atmosphere and the Universe											
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: 26 / 13												
Method of study: combined												
Number of credits: 4												
Recommended semester/trimester: 2.												
Level: II.												
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)						
100.0	0.0	0.0	0.0	0.0	0.0	0.0						
Instructor: prof. Dr. Boris Tomášik, PhD.												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica																
Faculty: Faculty of Natural Sciences																
Code: 2d-POZ-402 Course name: Positive psychology																
Type, extent and method of instruction:																
Form of instruction: Lecture																
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)																
Recommended number of periods: 26																
Method of study: combined																
Number of credits: 3																
Recommended semester/trimester: 2.																
Level: II.																
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: 105																
<table border="1"><thead><tr><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>FX(0)</th><th>FX(1)</th><th>n</th></tr></thead><tbody><tr><td>27.62</td><td>27.62</td><td>22.86</td><td>10.48</td><td>6.67</td><td>2.86</td><td>1.9</td><td>0.0</td></tr></tbody></table>	A	B	C	D	E	FX(0)	FX(1)	n	27.62	27.62	22.86	10.48	6.67	2.86	1.9	0.0
A	B	C	D	E	FX(0)	FX(1)	n									
27.62	27.62	22.86	10.48	6.67	2.86	1.9	0.0									
Instructor: Mgr. Zuzana Heinzová, PhD.																
Last changed: 19.04.2023																
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.																

Course Description

University: Matej Bel University in Banská Bystrica														
Faculty: Faculty of Natural Sciences														
Code: 2d-PMG-513	Course name: Project management													
Type, extent and method of instruction:														
Form of instruction: Seminar														
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)														
Recommended number of periods: 26														
Method of study: combined														
Number of credits: 3														
Recommended semester/trimester:														
Level: II.														
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)	n							
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
Instructor: doc. PhDr. Alžbeta Brozmanová Gregorová, PhD.														
Last changed: 08.09.2023														
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.														

Course Description

University: Matej Bel University in Banská Bystrica																
Faculty: Faculty of Natural Sciences																
Code: 2d-MVE-221 Course name: Research methodology in education																
Type, extent and method of instruction:																
Form of instruction: Lecture																
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)																
Recommended number of periods: 26																
Method of study: combined																
Number of credits: 3																
Recommended semester/trimester: 2.																
Level: II.																
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: 275																
<table border="1"><thead><tr><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>FX(0)</th><th>FX(1)</th><th>n</th></tr></thead><tbody><tr><td>34.91</td><td>27.27</td><td>20.36</td><td>10.91</td><td>5.82</td><td>0.73</td><td>0.0</td><td>0.0</td></tr></tbody></table>	A	B	C	D	E	FX(0)	FX(1)	n	34.91	27.27	20.36	10.91	5.82	0.73	0.0	0.0
A	B	C	D	E	FX(0)	FX(1)	n									
34.91	27.27	20.36	10.91	5.82	0.73	0.0	0.0									
Instructor: prof. PhDr. Miriam Niklová, PhD., prof. PhDr. Bronislava Kasáčová, CSc.																
Last changed: 02.12.2021																
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.																

Course Description

University: Matej Bel University in Banská Bystrica														
Faculty: Faculty of Natural Sciences														
Code: 2d-SPM-101	Course name: School pedagogy and school management													
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: 26 / 26														
Method of study: combined														
Number of credits: 4														
Recommended semester/trimester: 2.														
Level: II.														
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: 273														
A	B	C	D	E	FX(0)	FX(1)	n							
19.05	36.63	29.67	10.62	2.56	1.1	0.37	0.0							
Instructor: Mgr. Petra Fridrichová, PhD., doc. PaedDr. Lenka Rovňanová, PhD., Mgr. Karina Zošáková, PhD., prof. PaedDr. Dana Hanesová, PhD.														
Last changed: 08.02.2022														
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.														

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-106	Course name: Set theory and theoretical arithmetic											
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: 26 / 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 2.												
Level: II.												
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: 16												
A	B	C	D	E	FX(0)	FX(1)						
6.25	18.75	37.5	12.5	25.0	0.0	0.0						
Instructor: doc. RNDr. Matúš Dirbák, PhD.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica														
Faculty: Faculty of Natural Sciences														
Code: 2d-SPP-102	Course name: Social pathology and prevention													
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: 26 / 13														
Method of study: combined														
Number of credits: 3														
Recommended semester/trimester: 1.														
Level: II.														
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: 264														
A	B	C	D	E	FX(0)	FX(1)	n							
37.12	27.27	14.77	9.47	7.95	1.89	1.52	0.0							
Instructor: doc. PhDr. Mário Dulovics, PhD., prof. PhDr. Miriam Niklová, PhD.														
Last changed: 06.12.2021														
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.														

Course Description

University: Matej Bel University in Banská Bystrica										
Faculty: Faculty of Natural Sciences										
Code: 2d-ucm-110	Course name: State exam - Diploma thesis with defense									
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: 3., 4..										
Level: II.										
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(1)					
0.0	0.0	100.0	0.0	0.0	0.0					
Instructor:										
Last changed: 21.06.2022										
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.										

Course Description

University: Matej Bel University in Banská Bystrica										
Faculty: Faculty of Natural Sciences										
Code: 2d-ufy-109	Course name: State exam: Diploma thesis with 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: 20										
Recommended semester/trimester:										
Level: II.										
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)					
0.0	100.0	0.0	0.0	0.0	0.0					
Instructor:										
Last changed: 17.06.2022										
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.										

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-209	Course name: Statistics for teachers											
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: 13 / 13												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 1., 3.												
Level: II.												
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: 14												
A	B	C	D	E	FX(0)	FX(1)						
35.71	14.29	21.43	21.43	7.14	0.0	0.0						
Instructor: Mgr. Michaela Mihoková, PhD.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 2d-vdsl-02 **Course name:** The Great Works in World Literature II

Type, extent and method of instruction:

Form of instruction: Lecture

Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)

Recommended number of periods: 26

Method of study: combined

Number of credits: 3

Recommended semester/trimester: 2., 4.

Level: II.

Prerequisites:

Course completion conditions:

The student prepares an essay in which he/she takes a position on the issue discussed.

The final assessment is passed/failed.

Learning objectives:

1. The student will obtain an adequate overview of the origin and functioning of selected representative literary works from several civilizational and cultural areas from medieval literature to contemporary literature; will improve in professional terminology.
2. The student will acquire the specific interpretation skills necessary when working with a literary text anchored in a radically different cultural environment, thereby strengthening tolerance towards cultural differences and the will to respect the right to be different.
3. The student is able to conduct research on the assigned topic, can identify reliable sources, select relevant information from them and present it to others in a clear and useful form.
4. The student will acquire an organized sum of knowledge and a more widely applicable set of useful habits, methods, approaches, competences applicable in the interpretation of literary and non-literary texts or other cultural phenomena from various cultural periods.

Brief outline of the course:

Some of the greatest works of the European literature from the Middle Ages to the present day will be presented. It will be a selective selection of the presentation of literary worlds and the values they created.

The Divine Comedy as the main work of the Middle Ages or the Renaissance? The Middle Ages as the "cradle" of European culture and education. Testaments enfant terrible. The spiciness of the Decameron and Laura's ephemerality. From Shakespeare to French classical drama. Playwrights and their (non)dramatic characters. Fairy tales that changed the world. Shock the bourgeois! Avant-gardes in world art. Literature as a place for women. On Freedom, Being and Apricot Cocktails: Existentialism in World Literature. Crazy for Life: The Beat Generation and Their Followers. Great works in small publishers.

Recommended literature:

1. BURKE, Peter. Kulturní historie. Dokořán, 2011.
2. MACURA, V. a kol.: Slovník světových literárních děl.
3. PIŠÚT, M.: Dejiny svetovej literatúry (I., II.).
4. Malá encyklopédia spisovateľov sveta

5. VANTUCH, A.: Dějiny francúzskej literatúry.
6. BAŠTÍN, Š.: Dějiny anglickej a americkej literatúry.
7. STROMŠÍK, J.: Od Grimmelshausena k Dürenmattovi – Kapitoly z německé literatury.
8. CVRKAL, I.: Z dejín európskych literatúr 20. storočia.
9. CVRKAL, I.: Kapitoly z moderny, avantgardy a postmoderny.
10. NEZVAL, V.: Moderní básnické směry.
11. KASÁČ, Z.: Svetová literatúra 20. storočia.
12. Heslo Svetová literatúra, v: <http://hyperlexikon.sav.sk/sk/pojem/zobrazit//svetova-literatura>
13. <http://encyclopedia.thefreedictionary.com/Literature>

Language of instruction:

Slovak

Notes:student time load:

90 hours, of which 26 hours full-time, 64 hours self-study

Course assessment

The final number of assessed students: 0

abs	n	p	v
0.0	0.0	0.0	0.0

Instructor: PaedDr. Zuzana Bariaková, PhD., prof. PaedDr. Martin Golema, PhD., doc. Ivan Jančovič, PhD., Mgr. Martina Kubealaková, PhD., Mgr. Eva Pršová, PhD., doc. PaedDr. Jozef Tatár, PhD.

Last changed: 19.09.2023

Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Havíar, CSc.

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-102	Course name: Theory of mathematics teaching 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: 39 / 13												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 1.												
Level: II.												
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: 36												
A	B	C	D	E	FX(0)	FX(1)						
66.67	25.0	8.33	0.0	0.0	0.0	0.0						
Instructor: prof. RNDr. Pavol Hanel, CSc.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Havíar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ucm-105	Course name: Theory of mathematics teaching 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: 39 / 13												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 2.												
Level: II.												
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: 16												
A	B	C	D	E	FX(0)	FX(1)						
68.75	25.0	6.25	0.0	0.0	0.0	0.0						
Instructor: prof. RNDr. Pavol Hanel, CSc.												
Last changed: 21.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Havíar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-202	Course name: Topics from electricity and magnetism											
Type, extent and method of instruction:												
Form of instruction: Seminar												
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 1.												
Level: II.												
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)						
100.0	0.0	0.0	0.0	0.0	0.0	0.0						
Instructor:												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-201	Course name: Topics from mechanics and molecular physics											
Type, extent and method of instruction:												
Form of instruction: Seminar												
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 1.												
Level: II.												
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:												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-ufy-203	Course name: Topics from optics											
Type, extent and method of instruction:												
Form of instruction: Seminar												
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 26												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 1.												
Level: II.												
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:												
Last changed: 17.06.2022												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2d-FS1-003	Course name: Univerzitný folklórny súbor 1					
Type, extent and method of instruction:						
Form of instruction: Seminar						
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)						
Recommended number of periods: 26						
Method of study: combined						
Number of credits: 3						
Recommended semester/trimester: 1., 3.						
Level: II.						
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: 10						
abs	n	p	v			
100.0	0.0	0.0	0.0			
Instructor: Mgr. art. Martin Urban, PhD.						
Last changed: 04.04.2023						
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.						

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 2d-
UKO1-003

Course name: Univerzitný komorný orchester 1

Type, extent and method of instruction:

Form of instruction: Seminar

Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)

Recommended number of periods: 26

Method of study: combined

Number of credits: 3

Recommended semester/trimester: 1., 3.

Level: II.

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	p	v
100.0	0.0	0.0	0.0

Instructor: Mgr. Pavel Martinka, PhD.

Last changed: 04.04.2023

Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 2d-SPZ1-003 | **Course name:** Univerzitný spevácky zbor 1

Type, extent and method of instruction:

Form of instruction: Seminar

Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)

Recommended number of periods: 26

Method of study: combined

Number of credits: 3

Recommended semester/trimester: 1., 3.

Level: II.

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	p	v
100.0	0.0	0.0	0.0

Instructor: Mgr. Pavel Martinka, PhD.

Last changed: 04.04.2023

Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.

Course Description

University: Matej Bel University in Banská Bystrica																
Faculty: Faculty of Natural Sciences																
Code: 2d-VMG-513 Course name: Volunteer management																
Type, extent and method of instruction:																
Form of instruction: Seminar																
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)																
Recommended number of periods: 26																
Method of study: combined																
Number of credits: 3																
Recommended semester/trimester:																
Level: II.																
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																
<table border="1" style="width: 100%;"><thead><tr><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>FX(0)</th><th>FX(1)</th><th>n</th></tr></thead><tbody><tr><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td></tr></tbody></table>	A	B	C	D	E	FX(0)	FX(1)	n	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A	B	C	D	E	FX(0)	FX(1)	n									
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
Instructor: doc. PhDr. Alžbeta Brozmanová Gregorová, PhD.																
Last changed: 08.09.2023																
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.																

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-fpv-001	Course name: Výskumný projekt 3											
Type, extent and method of instruction:												
Form of instruction: Seminar												
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 13												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 2.												
Level: II.												
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: 8												
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. Juraj Švajda, PhD., RNDr. Miroslav Melicherčík, PhD., prof. RNDr. Vladimír Janiš, CSc., doc. RNDr. Zuzana Melichová, PhD., doc. Ing. Ján Tomaškin, PhD., Mgr. Lenka Balážovičová, PhD., prof. Dr. Boris Tomášik, PhD., doc. PaedDr. Ján Stebila, PhD.												
Last changed:												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												

Course Description

University: Matej Bel University in Banská Bystrica												
Faculty: Faculty of Natural Sciences												
Code: 2d-fpv-002	Course name: Výskumný projekt 4											
Type, extent and method of instruction:												
Form of instruction: Seminar												
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)												
Recommended number of periods: 13												
Method of study: combined												
Number of credits: 3												
Recommended semester/trimester: 4.												
Level: II.												
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)						
100.0	0.0	0.0	0.0	0.0	0.0	0.0						
Instructor: doc. Ing. Juraj Švajda, PhD., RNDr. Miroslav Melicherčík, PhD., prof. RNDr. Vladimír Janiš, CSc., doc. RNDr. Zuzana Melichová, PhD., Mgr. Lenka Balážovičová, PhD., doc. Ing. Ján Tomašik, PhD., prof. Dr. Boris Tomášik, PhD., doc. PaedDr. Ján Stebila, PhD.												
Last changed:												
Approved by: doc. RNDr. Martin Plesch, PhD., prof. Dr. Boris Tomášik, PhD., prof. RNDr. Miroslav Haviar, CSc.												