

## Register

1. Academic Writing.....	3
2. Advanced technologies to process Big Data.....	5
3. Aktuálne témy z rurálnej geografie.....	6
4. Aktuálne témy z urbánnej geografie.....	7
5. Antropogénna geomorfológia.....	8
6. Artificial Intelligence.....	9
7. Behaviorálna geografia.....	10
8. Computer Graphics 2.....	11
9. Continuous Teaching Practice 1.....	12
10. Continuous Teaching Practice 2.....	13
11. Creation and Printing of 3D Models.....	14
12. Cross-cutting themes in education.....	15
13. Didactics of Informatics 2.....	16
14. Didactics of Informatics 3.....	17
15. Didaktické hry v geografickej edukácii.....	18
16. Digital Technologies in Education.....	19
17. Digital empowerment and participation.....	20
18. Educational and school psychology.....	21
19. Electoral Geography.....	22
20. Entertainment Programming.....	23
21. Erasmus student network 1.....	24
22. Field Course Abroad.....	25
23. Field exercises on the geography of Slovakia.....	26
24. Finance in practice.....	27
25. General Foundations of Private Law.....	28
26. Geografia cestovného ruchu.....	30
27. Geografia malého regiónu v školskej praxi.....	31
28. Geographical learning of Europe.....	32
29. Geographical walks.....	33
30. Geopolitical development of the World.....	34
31. Geopolitical development of the world.....	35
32. Historical geography.....	36
33. History of physics.....	37
34. Information Systems.....	38
35. Integrated science through experiments.....	39
36. Intensive Teaching Practice.....	40
37. Introduction to Robotics and Computer Vision.....	41
38. Introduction to zootherapy.....	42
39. Landscape perception.....	43
40. Limity intimacy: o zodpovedných vzťahoch.....	44
41. Mediation and resolution of interpersonal conflicts.....	45
42. Modeling and Simulation.....	46
43. Modern Rhetoric.....	47
44. Modern trends in geographic education.....	49
45. Myths and urban legends in natural sciences.....	50
46. Neural Networks.....	51
47. Observation Teaching Practice.....	52
48. Out-of-School Activities in Didactics of Informatics 10.....	53

49. Out-of-School Activities in Didactics of Informatics 7.....	54
50. Out-of-School Activities in Didactics of Informatics 8.....	55
51. Out-of-School Activities in Didactics of Informatics 9.....	56
52. Physical Education 6.....	57
53. Physical Education 7.....	58
54. Physical Education 8.....	59
55. Positive psychology.....	60
56. Prax priebežná/náčuvová.....	61
57. Prax priebežná/výstupová.....	62
58. Prax priebežná/výstupová.....	63
59. Prax súvislá.....	64
60. Programming of Mobile Applications.....	65
61. Project management.....	66
62. Research methodology in education.....	67
63. School pedagogy and school management.....	68
64. Seminar for Master Thesis.....	69
65. Seminar on field exercises in the geography of SR.....	70
66. Seminár k diplomovej práci.....	71
67. Social pathology and prevention.....	72
68. Special didactics of geography.....	73
69. State Exam. Master Thesis with Defense.....	74
70. The Great Works in World Literature II.....	75
71. Univerzitný folklórny súbor 1.....	77
72. Univerzitný komorný orchester 1.....	78
73. Univerzitný spevácky zbor 1.....	79
74. Virtual and Augmented Reality.....	80
75. Volunteer management.....	81
76. Vybrané problémy z urbánnej ekológie.....	82
77. Výskumný projekt 3.....	83
78. Výskumný projekt 4.....	84
79. Špeciálne formy pedagogickej praxe.....	85
80. Štátna skúška: Diplomová práca s obhajobou.....	86

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Code:</b> 2d-ap-55	<b>Course name:</b> Academic Writing
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 / 13 <b>Method of study:</b> combined	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester:</b> 1., 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) independence, b) active and creative participation in the practical parts of the course, c) mastering the final written output. <b>a) continuous assessment:</b> Test: 0 – 40 points. <b>b) final assessment:</b> 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.	
<b>Learning objectives:</b> Course aims Student <ol style="list-style-type: none"> <li>1. remembers differences between oral and written/print communication,</li> <li>2. uses gained knowledge by creating written text,</li> <li>3. is able to work on his own and conceive information,</li> <li>4. applies theoretical knowledge by solving practical tasks,</li> <li>5. evaluates and is able to justify chosen solution by reasoning,</li> <li>6. creates complex written communication, which he is able to present to professional and lay recipient as well.</li> </ol>	
<b>Brief outline of the course:</b> 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. CHAJDIÁK, 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 písať záverečné a kvalifikačné práce. Martin : Enigma, 2007.
6. MEŠKO, D. et al.: Akademická příručka. 2. uprav. a dopln. vyd. Martin : Osveta, 2005.
7. PATRÁŠ, V.: Pohotovité 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 vědecké práce. Brno : Akademické nakladatelství CERM, s. r. o., 2009.
10. STAROŇOVÁ, K.: Vedecké písanie. Ako písať 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:** prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Code:</b> 2d-fpv-401	<b>Course name:</b> Advanced technologies to process Big Data
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Practical / Seminar / Laboratory practical <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 0 / 26 / 0 / 0 <b>Method of study:</b> combined	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b>	
<b>Learning objectives:</b>	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Language of instruction:</b>	
<b>Notes:student time load:</b>	
<b>Course assessment</b> The final number of assessed students: 1	
abs	n
100.0	0.0
<b>Instructor:</b> Mgr. Adam Dudáš, PhD., RNDr. Alžbeta Michalíková, PhD., doc. Ing. Jarmila Škrinárová, PhD.	
<b>Last changed:</b>	
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.	

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica							
<b>Faculty:</b> Faculty of Natural Sciences							
<b>Code:</b> 2d-geu-308		<b>Course name:</b> Aktuálne témy z rurálnej geografie					
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined							
<b>Number of credits:</b> 3							
<b>Recommended semester/trimester:</b> 3.							
<b>Level:</b> II.							
<b>Prerequisites:</b>							
<b>Course completion conditions:</b>							
<b>Learning objectives:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Language of instruction:</b>							
<b>Notes:student time load:</b>							
<b>Course assessment</b> 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
<b>Instructor:</b>							
<b>Last changed:</b> 28.06.2022							
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.							

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica							
<b>Faculty:</b> Faculty of Natural Sciences							
<b>Code:</b> 2d-geu-301		<b>Course name:</b> Aktuálne témy z urbánnej geografie					
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined							
<b>Number of credits:</b> 3							
<b>Recommended semester/trimester:</b> 1.							
<b>Level:</b> II.							
<b>Prerequisites:</b>							
<b>Course completion conditions:</b>							
<b>Learning objectives:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Language of instruction:</b>							
<b>Notes:student time load:</b>							
<b>Course assessment</b> The final number of assessed students: 7							
A	B	C	D	E	FX(0)	FX(1)	n
28.57	0.0	14.29	14.29	42.86	0.0	0.0	0.0
<b>Instructor:</b>							
<b>Last changed:</b> 28.06.2022							
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.							

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-203		<b>Course name:</b> Antropogénna geomorfológia				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 1.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 6						
A	B	C	D	E	FX(0)	FX(1)
50.0	50.0	0.0	0.0	0.0	0.0	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						



## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-211		<b>Course name:</b> Artificial Intelligence				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester:</b> 1.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> 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
<b>Instructor:</b> prof. Dr. Ing. Miroslav Svítek, Dr., Mgr. Adam Dudáš, PhD.						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-206		<b>Course name:</b> Behaviorálna geografia				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 3.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> 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
<b>Instructor:</b>						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-212		<b>Course name:</b> Computer Graphics 2				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Practical <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 / 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester:</b> 1.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> 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
<b>Instructor:</b> doc. Ing. Ľudovít Trajtel', PhD., Mgr. Michal Vagač, PhD.						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-122		<b>Course name:</b> Continuous Teaching Practice 1				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> <b>Method of study:</b> combined						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester:</b> 2.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 6						
A	B	C	D	E	FX(0)	FX(1)
83.33	0.0	0.0	16.67	0.0	0.0	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-133		<b>Course name:</b> Continuous Teaching Practice 2				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> <b>Method of study:</b> combined						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester:</b> 3.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 7						
A	B	C	D	E	FX(0)	FX(1)
85.71	0.0	0.0	14.29	0.0	0.0	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-213		<b>Course name:</b> Creation and Printing of 3D Models				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester:</b> 1., 3.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 7						
A	B	C	D	E	FX(0)	FX(1)
28.57	14.29	28.57	14.29	14.29	0.0	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica							
<b>Faculty:</b> Faculty of Natural Sciences							
<b>Code:</b> 2d-PTE-102		<b>Course name:</b> Cross-cutting themes in education					
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Practical <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 / 13 <b>Method of study:</b> combined							
<b>Number of credits:</b> 3							
<b>Recommended semester/trimester:</b> 3.							
<b>Level:</b> II.							
<b>Prerequisites:</b>							
<b>Course completion conditions:</b>							
<b>Learning objectives:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Language of instruction:</b>							
<b>Notes:student time load:</b>							
<b>Course assessment</b> 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
<b>Instructor:</b> doc. PaedDr. Lenka Rovňanová, PhD., doc. Mgr. Lívia Nemcová, PhD.							
<b>Last changed:</b> 06.12.2021							
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.							

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-121		<b>Course name:</b> Didactics of Informatics 2				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 / 13 <b>Method of study:</b> combined						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester:</b> 2.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 7						
A	B	C	D	E	FX(0)	FX(1)
85.71	0.0	14.29	0.0	0.0	0.0	0.0
<b>Instructor:</b> doc. Ing. Jarmila Škrinárová, PhD., Mgr. Michal Vagač, PhD., PaedDr. Patrik Voštinár, PhD., doc. Ing. Ľudovít Trajtel', PhD.						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						



## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-131		<b>Course name:</b> Didactics of Informatics 3				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 / 13 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 3.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 7						
A	B	C	D	E	FX(0)	FX(1)
85.71	0.0	0.0	0.0	14.29	0.0	0.0
<b>Instructor:</b> doc. Ing. Jarmila Škrinárová, PhD., PaedDr. Patrik Voštinár, PhD.						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica							
<b>Faculty:</b> Faculty of Natural Sciences							
<b>Code:</b> 2d-geu-305		<b>Course name:</b> Didaktické hry v geografickej edukácii					
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 <b>Method of study:</b> combined							
<b>Number of credits:</b> 3							
<b>Recommended semester/trimester:</b> 2.							
<b>Level:</b> II.							
<b>Prerequisites:</b>							
<b>Course completion conditions:</b>							
<b>Learning objectives:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Language of instruction:</b>							
<b>Notes:student time load:</b>							
<b>Course assessment</b> The final number of assessed students: 16							
A	B	C	D	E	FX(0)	FX(1)	n
100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Instructor:</b>							
<b>Last changed:</b> 28.06.2022							
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.							

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-132		<b>Course name:</b> Digital Technologies in Education				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 13 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 3.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 7						
A	B	C	D	E	FX(0)	FX(1)
85.71	0.0	14.29	0.0	0.0	0.0	0.0
<b>Instructor:</b> doc. Ing. Jarmila Škrinárová, PhD., PaedDr. Patrik Voštinár, PhD., PaedDr. Mgr. Vladimír Siládi, PhD.						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-DEP-513		<b>Course name:</b> Digital empowerment and participation	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Practical <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined			
<b>Number of credits:</b> 2			
<b>Recommended semester/trimester:</b>			
<b>Level:</b> II., III.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 0			
abs	n	p	v
0.0	0.0	0.0	0.0
<b>Instructor:</b> doc. PhDr. Alžbeta Brozmanová Gregorová, PhD., Mgr. Zuzana Heinzová, PhD.			
<b>Last changed:</b> 08.09.2023			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica							
<b>Faculty:</b> Faculty of Natural Sciences							
<b>Code:</b> 2d-PGS-401		<b>Course name:</b> Educational and school psychology					
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 13 <b>Method of study:</b> combined							
<b>Number of credits:</b> 3							
<b>Recommended semester/trimester:</b> 1.							
<b>Level:</b> II.							
<b>Prerequisites:</b>							
<b>Course completion conditions:</b>							
<b>Learning objectives:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Language of instruction:</b>							
<b>Notes:student time load:</b>							
<b>Course assessment</b> 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
<b>Instructor:</b> doc. PaedDr. Lada Kaliská, PhD.							
<b>Last changed:</b> 19.04.2023							
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.							

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-fpv-307		<b>Course name:</b> Electoral Geography	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 <b>Method of study:</b> combined			
<b>Number of credits:</b> 3			
<b>Recommended semester/trimester:</b> 2., 4.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 186			
abs	n	p	v
97.85	2.15	0.0	0.0
<b>Instructor:</b>			
<b>Last changed:</b> 24.07.2015			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-111		<b>Course name:</b> Entertainment Programming				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 / 13 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 1.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 11						
A	B	C	D	E	FX(0)	FX(1)
54.55	36.36	0.0	0.0	0.0	9.09	0.0
<b>Instructor:</b> doc. Ing. Jarmila Škrinárová, PhD., RNDr. Miroslav Melicherčík, PhD., PaedDr. Patrik Voštinár, PhD.						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> ESN1		<b>Course name:</b> Erasmus student network 1	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> <b>Method of study:</b> combined			
<b>Number of credits:</b> 3			
<b>Recommended semester/trimester:</b> 1., 3.			
<b>Level:</b> I., II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b>			
The final number of assessed students: 11			
abs	n	p	v
100.0	0.0	0.0	0.0
<b>Instructor:</b> doc. Mgr. et Mgr. Ing. Miroslava Knapková, PhD.			
<b>Last changed:</b>			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			



## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-fpv-205		<b>Course name:</b> Field Course Abroad	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Practical <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 1560 <b>Method of study:</b> combined			
<b>Number of credits:</b> 6			
<b>Recommended semester/trimester:</b> 2., 4.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 30			
abs	n	p	v
93.33	6.67	0.0	0.0
<b>Instructor:</b> doc. RNDr. Alfonz Gajdoš, PhD.			
<b>Last changed:</b> 03.02.2017			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-103		<b>Course name:</b> Field exercises on the geography of Slovakia				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Practical <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 80s <b>Method of study:</b> combined						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester:</b> 2.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 50						
A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Instructor:</b> RNDr. Martina Škodová, PhD.						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-fpv-124		<b>Course name:</b> Finance in practice	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined			
<b>Number of credits:</b> 3			
<b>Recommended semester/trimester:</b> 1., 3.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 16			
abs	n	p	v
100.0	0.0	0.0	0.0
<b>Instructor:</b> Ing. Janka Crmanová			
<b>Last changed:</b> 28.03.2023			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Code:</b> 2d-uVZSP	<b>Course name:</b> General Foundations of Private Law
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester:</b> 2., 4.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> 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. <b>a) continuous assessment:</b> Continuous evaluation is not performed. <b>b) final assessment:</b> 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.	
<b>Learning objectives:</b> 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.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b> VOJČÍK, P. a kol.: Občianske právo hmotné 1. a 2., Plzeň: Aleš Čeněk, 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.			
<b>Language of instruction:</b> Slovak language			
<b>Notes:student time load:</b> 90 hours combined study (L, C): 26 hours self-study: 64 hours			
<b>Course assessment</b> The final number of assessed students: 0			
abs	n	p	v
0.0	0.0	0.0	0.0
<b>Instructor:</b> 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			
<b>Last changed:</b> 30.03.2023			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-202		<b>Course name:</b> Geografia cestovného ruchu				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 1.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 65						
A	B	C	D	E	FX(0)	FX(1)
75.38	20.0	1.54	0.0	0.0	3.08	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-201		<b>Course name:</b> Geografia malého regiónu v školskej praxi				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 1.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 52						
A	B	C	D	E	FX(0)	FX(1)
94.23	5.77	0.0	0.0	0.0	0.0	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-fpv-323		<b>Course name:</b> Geographical learning of Europe	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 <b>Method of study:</b> combined			
<b>Number of credits:</b> 3			
<b>Recommended semester/trimester:</b> 1., 3.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 411			
abs	n	p	v
96.35	3.65	0.0	0.0
<b>Instructor:</b>			
<b>Last changed:</b> 19.09.2018			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			



## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-208		<b>Course name:</b> Geographical walks				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 4.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 32						
A	B	C	D	E	FX(0)	FX(1)
96.88	0.0	3.13	0.0	0.0	0.0	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica							
<b>Faculty:</b> Faculty of Natural Sciences							
<b>Code:</b> 2d-fpv-114		<b>Course name:</b> Geopolitical development of the World					
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined							
<b>Number of credits:</b> 4							
<b>Recommended semester/trimester:</b> 1., 3.							
<b>Level:</b> II.							
<b>Prerequisites:</b>							
<b>Course completion conditions:</b>							
<b>Learning objectives:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Language of instruction:</b>							
<b>Notes:student time load:</b>							
<b>Course assessment</b> 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
<b>Instructor:</b>							
<b>Last changed:</b> 03.02.2017							
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.							

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-207		<b>Course name:</b> Geopolitical development of the world				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 3.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 18						
A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-106		<b>Course name:</b> Historical geography				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 3.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 47						
A	B	C	D	E	FX(0)	FX(1)
59.57	4.26	19.15	6.38	10.64	0.0	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-fpv-106		<b>Course name:</b> History of physics	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 / 13 <b>Method of study:</b> combined			
<b>Number of credits:</b> 3			
<b>Recommended semester/trimester:</b> 1.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 31			
abs	n	p	v
93.55	6.45	0.0	0.0
<b>Instructor:</b> doc. RNDr. Janka Raganová, PhD.			
<b>Last changed:</b> 10.02.2016			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-223		<b>Course name:</b> Information Systems				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 / 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester:</b> 2.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 6						
A	B	C	D	E	FX(0)	FX(1)
0.0	66.67	16.67	16.67	0.0	0.0	0.0
<b>Instructor:</b> prof. Dr. Ing. Miroslav Svítek, Dr.						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-fpv-209		<b>Course name:</b> Integrated science through experiments				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 2.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> 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
<b>Instructor:</b>						
<b>Last changed:</b> 12.02.2016						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-141		<b>Course name:</b> Intensive Teaching Practice				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 30s <b>Method of study:</b> combined						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester:</b> 4.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> 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
<b>Instructor:</b>						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						



## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-242		<b>Course name:</b> Introduction to Robotics and Computer Vision				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Practical <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 13 <b>Method of study:</b> combined						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester:</b> 4.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> 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
<b>Instructor:</b> doc. Ing. Jarmila Škrinárová, PhD., Mgr. Michal Vagač, PhD.						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-biu-301		<b>Course name:</b> Introduction to zootherapy				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 <b>Method of study:</b> combined						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester:</b> 1.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> 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
<b>Instructor:</b>						
<b>Last changed:</b> 09.04.2019						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-204		<b>Course name:</b> Landscape perception				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 2.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 33						
A	B	C	D	E	FX(0)	FX(1)
87.88	9.09	3.03	0.0	0.0	0.0	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-LMT-123		<b>Course name:</b> Limity intimacy: o zodpovedných vzťahoch	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Practical / Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 / 13 <b>Method of study:</b> combined			
<b>Number of credits:</b> 3			
<b>Recommended semester/trimester:</b> 2., 4.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 0			
abs	n	p	v
0.0	0.0	0.0	0.0
<b>Instructor:</b> doc. Mgr. Lívia Nemcová, PhD., doc. PaedDr. Lenka Rovňanová, PhD.			
<b>Last changed:</b> 22.03.2023			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica							
<b>Faculty:</b> Faculty of Natural Sciences							
<b>Code:</b> 2d-MRK-402		<b>Course name:</b> Mediation and resolution of interpersonal conflicts					
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 / 13 <b>Method of study:</b> combined							
<b>Number of credits:</b> 3							
<b>Recommended semester/trimester:</b> 1.							
<b>Level:</b> II.							
<b>Prerequisites:</b>							
<b>Course completion conditions:</b>							
<b>Learning objectives:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Language of instruction:</b>							
<b>Notes:student time load:</b>							
<b>Course assessment</b> 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
<b>Instructor:</b> Mgr. Zuzana Heinzová, PhD., doc. Mgr. Lenka Ďuricová, PhD.							
<b>Last changed:</b> 03.02.2022							
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.							

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-222		<b>Course name:</b> Modeling and Simulation				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 13 <b>Method of study:</b> combined						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester:</b> 2.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 6						
A	B	C	D	E	FX(0)	FX(1)
0.0	16.67	0.0	66.67	16.67	0.0	0.0
<b>Instructor:</b> prof. Dr. Ing. Miroslav Svítek, Dr., doc. Ing. Jarmila Škrinárová, PhD.						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Code:</b> 2d-mr-54	<b>Course name:</b> Modern Rhetoric
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 / 13 <b>Method of study:</b> combined	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> <b>a) continuous assessment:</b> 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>b) final assessment:</b> 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.	
<b>Learning objectives:</b> 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.	
<b>Brief outline of the course:</b> 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 excurses. 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.	
<b>Recommended literature:</b> a) basic: ARISTOTELES: Rétorika. Martin : Thetis, 2009. DAŇKOVÁ, M.: Prokounkňte 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.: Pohotovité 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 manipulativních technik. Praha : Grada, 2007.  
 BRUNO/vá, T. – ADAMCZYK, G.: Řeč těla. Praha : Grada, 2005.  
 BUČEK, J.: Rola moderátora v masmediálním 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 bláznivej dobe. Bratislava : NPress, 2019.  
 MYSLOVIČOVÁ, S. – VANČOVÁ, I. (eds.): Spytovali ste sa. Bratislava : JÚLŠ SAV, 2017.  
 SLEZÁK, M.: Achillova pata a jiné patálie: 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:** prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.



## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-105		<b>Course name:</b> Modern trends in geographic education				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 3.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 48						
A	B	C	D	E	FX(0)	FX(1)
66.67	27.08	6.25	0.0	0.0	0.0	0.0
<b>Instructor:</b> Mgr. Lenka Balážovičová, PhD., RNDr. Matej Masný, PhD., Mgr. Richard Pouš, PhD.						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-fpv-105		<b>Course name:</b> Myths and urban legends in natural sciences				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 1.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> 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
<b>Instructor:</b> doc. RNDr. Šimon Budzák, PhD.						
<b>Last changed:</b> 24.09.2019						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-221		<b>Course name:</b> Neural Networks				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester:</b> 2.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> 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
<b>Instructor:</b> doc. Ing. Jarmila Škrinárová, PhD., prof. Ing. Martin Klimo, PhD.						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-112		<b>Course name:</b> Observation Teaching Practice				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> <b>Method of study:</b> combined						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester:</b> 1.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 10						
A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-fpv-323		<b>Course name:</b> Out-of-School Activities in Didactics of Informatics 10	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Practical <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 39s <b>Method of study:</b> combined			
<b>Number of credits:</b> 4			
<b>Recommended semester/trimester:</b> 4.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 15			
abs	n	p	v
100.0	0.0	0.0	0.0
<b>Instructor:</b> PaedDr. Patrik Voštinár, PhD.			
<b>Last changed:</b> 23.09.2019			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-fpv-320		<b>Course name:</b> Out-of-School Activities in Didactics of Informatics 7	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Practical <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 39s <b>Method of study:</b> combined			
<b>Number of credits:</b> 4			
<b>Recommended semester/trimester:</b> 1.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 44			
abs	n	p	v
86.36	13.64	0.0	0.0
<b>Instructor:</b> PaedDr. Patrik Voštinár, PhD.			
<b>Last changed:</b> 23.09.2019			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-fpv-321		<b>Course name:</b> Out-of-School Activities in Didactics of Informatics 8	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Practical <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 39s <b>Method of study:</b> combined			
<b>Number of credits:</b> 4			
<b>Recommended semester/trimester:</b> 2.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 39			
abs	n	p	v
92.31	7.69	0.0	0.0
<b>Instructor:</b> PaedDr. Patrik Voštinár, PhD.			
<b>Last changed:</b> 23.09.2019			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-fpv-322		<b>Course name:</b> Out-of-School Activities in Didactics of Informatics 9	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Practical <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 39s <b>Method of study:</b> combined			
<b>Number of credits:</b> 4			
<b>Recommended semester/trimester:</b> 3.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 22			
abs	n	p	v
86.36	13.64	0.0	0.0
<b>Instructor:</b> PaedDr. Patrik Voštinár, PhD.			
<b>Last changed:</b> 23.09.2019			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			



## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-vstv-106		<b>Course name:</b> Physical Education 6	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined			
<b>Number of credits:</b> 3			
<b>Recommended semester/trimester:</b> 1., 3.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 73			
abs	n	p	v
94.52	5.48	0.0	0.0
<b>Instructor:</b> 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			
<b>Last changed:</b> 27.03.2023			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-vstv-107		<b>Course name:</b> Physical Education 7	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined			
<b>Number of credits:</b> 3			
<b>Recommended semester/trimester:</b> 2., 4.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 0			
abs	n	p	v
0.0	0.0	0.0	0.0
<b>Instructor:</b> 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			
<b>Last changed:</b> 27.03.2023			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-vstv-108		<b>Course name:</b> Physical Education 8	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined			
<b>Number of credits:</b> 3			
<b>Recommended semester/trimester:</b> 1., 3.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 54			
abs	n	p	v
92.59	7.41	0.0	0.0
<b>Instructor:</b> PaedDr. Boris Beťák, 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			
<b>Last changed:</b> 27.03.2023			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica							
<b>Faculty:</b> Faculty of Natural Sciences							
<b>Code:</b> 2d-POZ-402		<b>Course name:</b> Positive psychology					
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined							
<b>Number of credits:</b> 3							
<b>Recommended semester/trimester:</b> 2.							
<b>Level:</b> II.							
<b>Prerequisites:</b>							
<b>Course completion conditions:</b>							
<b>Learning objectives:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Language of instruction:</b>							
<b>Notes:student time load:</b>							
<b>Course assessment</b> The final number of assessed students: 105							
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
<b>Instructor:</b> Mgr. Zuzana Heinzová, PhD.							
<b>Last changed:</b> 19.04.2023							
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.							

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-102		<b>Course name:</b> Prax priebežná/náčuvová				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Practical <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester:</b> 1.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 84						
A	B	C	D	E	FX(0)	FX(1)
96.43	1.19	1.19	0.0	0.0	1.19	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-104		<b>Course name:</b> Prax priebežná/výstupová				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Practical <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester:</b> 2.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 48						
A	B	C	D	E	FX(0)	FX(1)
85.42	14.58	0.0	0.0	0.0	0.0	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-107		<b>Course name:</b> Prax priebežná/výstupová				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Practical <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester:</b> 3.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 47						
A	B	C	D	E	FX(0)	FX(1)
95.74	4.26	0.0	0.0	0.0	0.0	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-108		<b>Course name:</b> Prax súvislá				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Practical <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 30s <b>Method of study:</b> combined						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester:</b> 4.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 26						
A	B	C	D	E	FX(0)	FX(1)
84.62	15.38	0.0	0.0	0.0	0.0	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						



## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-231		<b>Course name:</b> Programming of Mobile Applications				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 39 <b>Method of study:</b> combined						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester:</b> 3.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 7						
A	B	C	D	E	FX(0)	FX(1)
14.29	14.29	0.0	0.0	0.0	71.43	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica							
<b>Faculty:</b> Faculty of Natural Sciences							
<b>Code:</b> 2d-PMG-513		<b>Course name:</b> Project management					
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined							
<b>Number of credits:</b> 3							
<b>Recommended semester/trimester:</b>							
<b>Level:</b> II.							
<b>Prerequisites:</b>							
<b>Course completion conditions:</b>							
<b>Learning objectives:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Language of instruction:</b>							
<b>Notes:student time load:</b>							
<b>Course assessment</b> 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
<b>Instructor:</b> doc. PhDr. Alžbeta Brozmanová Gregorová, PhD.							
<b>Last changed:</b> 08.09.2023							
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.							

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica							
<b>Faculty:</b> Faculty of Natural Sciences							
<b>Code:</b> 2d-MVE-221		<b>Course name:</b> Research methodology in education					
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined							
<b>Number of credits:</b> 3							
<b>Recommended semester/trimester:</b> 2.							
<b>Level:</b> II.							
<b>Prerequisites:</b>							
<b>Course completion conditions:</b>							
<b>Learning objectives:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Language of instruction:</b>							
<b>Notes:student time load:</b>							
<b>Course assessment</b> The final number of assessed students: 275							
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
<b>Instructor:</b> prof. PhDr. Miriam Niklová, PhD., prof. PhDr. Bronislava Kasáčová, CSc.							
<b>Last changed:</b> 02.12.2021							
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.							

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica							
<b>Faculty:</b> Faculty of Natural Sciences							
<b>Code:</b> 2d-SPM-101		<b>Course name:</b> School pedagogy and school management					
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Practical <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 26 <b>Method of study:</b> combined							
<b>Number of credits:</b> 4							
<b>Recommended semester/trimester:</b> 2.							
<b>Level:</b> II.							
<b>Prerequisites:</b>							
<b>Course completion conditions:</b>							
<b>Learning objectives:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Language of instruction:</b>							
<b>Notes:student time load:</b>							
<b>Course assessment</b> 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
<b>Instructor:</b> Mgr. Petra Fridrichová, PhD., doc. PaedDr. Lenka Rovňanová, PhD., Mgr. Karina Zošáková, PhD., prof. PaedDr. Dana Hanesová, PhD.							
<b>Last changed:</b> 08.02.2022							
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.							

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-249		<b>Course name:</b> Seminar for Master Thesis				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 4.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> 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
<b>Instructor:</b>						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-geu-307		<b>Course name:</b> Seminar on field exercises in the geography of SR	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 <b>Method of study:</b> combined			
<b>Number of credits:</b> 3			
<b>Recommended semester/trimester:</b> 2.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 32			
abs	n	p	v
100.0	0.0	0.0	0.0
<b>Instructor:</b>			
<b>Last changed:</b> 28.06.2022			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-geu-209		<b>Course name:</b> Seminár k diplomovej práci	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined			
<b>Number of credits:</b> 3			
<b>Recommended semester/trimester:</b> 4.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 13			
abs	n	p	v
100.0	0.0	0.0	0.0
<b>Instructor:</b>			
<b>Last changed:</b> 27.06.2022			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica							
<b>Faculty:</b> Faculty of Natural Sciences							
<b>Code:</b> 2d-SPP-102		<b>Course name:</b> Social pathology and prevention					
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 13 <b>Method of study:</b> combined							
<b>Number of credits:</b> 3							
<b>Recommended semester/trimester:</b> 1.							
<b>Level:</b> II.							
<b>Prerequisites:</b>							
<b>Course completion conditions:</b>							
<b>Learning objectives:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Language of instruction:</b>							
<b>Notes:student time load:</b>							
<b>Course assessment</b> 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
<b>Instructor:</b> doc. PhDr. Mário Dulovics, PhD., prof. PhDr. Miriam Niklová, PhD.							
<b>Last changed:</b> 06.12.2021							
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.							



## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-101		<b>Course name:</b> Special didactics of geography				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Practical <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 / 39 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 1.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 84						
A	B	C	D	E	FX(0)	FX(1)
79.76	11.9	4.76	2.38	0.0	1.19	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Code:</b> 2d-uin-199		<b>Course name:</b> State Exam. Master Thesis with Defense			
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> <b>Method of study:</b> combined					
<b>Number of credits:</b> 20					
<b>Recommended semester/trimester:</b> 3., 4..					
<b>Level:</b> II.					
<b>Prerequisites:</b>					
<b>Course completion conditions:</b>					
<b>Learning objectives:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Language of instruction:</b>					
<b>Notes:student time load:</b>					
<b>Course assessment</b> The final number of assessed students: 3					
A	B	C	D	E	FX(1)
33.33	33.33	33.33	0.0	0.0	0.0
<b>Instructor:</b>					
<b>Last changed:</b> 09.09.2022					
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.					

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Code:</b> 2d-vdsl-02	<b>Course name:</b> The Great Works in World Literature II
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester:</b> 2., 4.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> The student prepares an essay in which he/she takes a position on the issue discussed. The final assessment is passed/failed.	
<b>Learning objectives:</b> 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.	
<b>Brief outline of the course:</b> 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.	
<b>Recommended literature:</b> 1. BURKE, Peter. Kulturní historie. Dokořán, 2011. 2. MACURA, V. a kol.: Slovník světových literárních děl. 3. PIŠŮT, M.: Dejiny svetovej literatúry (I., II.). 4. Malá encyklopédia spisovateľov sveta	

5. VANTUCH, A.: Dejiny francúzskej literatúry.
6. BAŠTÍN, Š.: Dejiny anglickej a americkej literatúry.
7. STROMŠÍK, J.: Od Grimmshausena k Dürenmattovi – Kapitoly z nemecké 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:** prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-FS1-003		<b>Course name:</b> Univerzitný folklórny súbor 1	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined			
<b>Number of credits:</b> 3			
<b>Recommended semester/trimester:</b> 1., 3.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 10			
abs	n	p	v
100.0	0.0	0.0	0.0
<b>Instructor:</b> Mgr. art. Martin Urban, PhD.			
<b>Last changed:</b> 04.04.2023			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-UKO1-003		<b>Course name:</b> Univerzitný komorný orchester 1	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined			
<b>Number of credits:</b> 3			
<b>Recommended semester/trimester:</b> 1., 3.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 1			
abs	n	p	v
100.0	0.0	0.0	0.0
<b>Instructor:</b> Mgr. Pavel Martinka, PhD.			
<b>Last changed:</b> 04.04.2023			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> Faculty of Natural Sciences			
<b>Code:</b> 2d-SPZ1-003		<b>Course name:</b> Univerzitný spevácky zbor 1	
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined			
<b>Number of credits:</b> 3			
<b>Recommended semester/trimester:</b> 1., 3.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 2			
abs	n	p	v
100.0	0.0	0.0	0.0
<b>Instructor:</b> Mgr. Pavel Martinka, PhD.			
<b>Last changed:</b> 04.04.2023			
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-uin-232		<b>Course name:</b> Virtual and Augmented Reality				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Practical <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester:</b>						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 5						
A	B	C	D	E	FX(0)	FX(1)
80.0	0.0	0.0	0.0	0.0	20.0	0.0
<b>Instructor:</b> PaedDr. Patrik Voštinár, PhD.						
<b>Last changed:</b> 09.09.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						



## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica							
<b>Faculty:</b> Faculty of Natural Sciences							
<b>Code:</b> 2d-VMG-513		<b>Course name:</b> Volunteer management					
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined							
<b>Number of credits:</b> 3							
<b>Recommended semester/trimester:</b>							
<b>Level:</b> II.							
<b>Prerequisites:</b>							
<b>Course completion conditions:</b>							
<b>Learning objectives:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Language of instruction:</b>							
<b>Notes:student time load:</b>							
<b>Course assessment</b> 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
<b>Instructor:</b> doc. PhDr. Alžbeta Brozmanová Gregorová, PhD.							
<b>Last changed:</b> 08.09.2023							
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.							

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica							
<b>Faculty:</b> Faculty of Natural Sciences							
<b>Code:</b> 2d-geu-306		<b>Course name:</b> Vybrané problémy z urbánnej ekológie					
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 <b>Method of study:</b> combined							
<b>Number of credits:</b> 3							
<b>Recommended semester/trimester:</b> 2.							
<b>Level:</b> II.							
<b>Prerequisites:</b>							
<b>Course completion conditions:</b>							
<b>Learning objectives:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Language of instruction:</b>							
<b>Notes:student time load:</b>							
<b>Course assessment</b> 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
<b>Instructor:</b>							
<b>Last changed:</b> 28.06.2022							
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.							

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-fpv-001		<b>Course name:</b> Výskumný projekt 3				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 2.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> 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
<b>Instructor:</b> 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.						
<b>Last changed:</b>						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-fpv-002		<b>Course name:</b> Výskumný projekt 4				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 4.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> 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
<b>Instructor:</b> 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 Tomaškin, PhD., prof. Dr. Boris Tomášik, PhD., doc. PaedDr. Ján Stebila, PhD.						
<b>Last changed:</b>						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Code:</b> 2d-geu-205		<b>Course name:</b> Špeciálne formy pedagogickej praxe				
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester:</b> 2.						
<b>Level:</b> II.						
<b>Prerequisites:</b>						
<b>Course completion conditions:</b>						
<b>Learning objectives:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Language of instruction:</b>						
<b>Notes:student time load:</b>						
<b>Course assessment</b> The final number of assessed students: 48						
A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Instructor:</b>						
<b>Last changed:</b> 27.06.2022						
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.						

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Code:</b> 2d-geu-109		<b>Course name:</b> Štátna skúška: Diplomová práca s obhajobou			
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> <b>Method of study:</b> combined					
<b>Number of credits:</b> 20					
<b>Recommended semester/trimester:</b> 3., 4..					
<b>Level:</b> II.					
<b>Prerequisites:</b>					
<b>Course completion conditions:</b>					
<b>Learning objectives:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Language of instruction:</b>					
<b>Notes:student time load:</b>					
<b>Course assessment</b> The final number of assessed students: 14					
A	B	C	D	E	FX(1)
57.14	14.29	7.14	14.29	7.14	0.0
<b>Instructor:</b>					
<b>Last changed:</b> 27.06.2022					
<b>Approved by:</b> prof. Dr. Ing. Miroslav Svítek, Dr., prof. RNDr. Ján Spišiak, DrSc.					