

## Course descriptions

### TABLE OF CONTENTS

1. N-mUXX-108/15	Activating methods and their use in learning.....	4
2. N-mUGL-013/15	Basics of laboratory geology.....	5
3. N-XXXX-005/21	Bioarchaeology.....	6
4. N-mXCJ-074/20	CLIL 1 – Content and language integrated learning.....	7
5. N-mXCJ-075/20	CLIL 2 – Content and language integrated learning.....	8
6. N-mUGE-105/15	Complex Human Geography.....	9
7. N-mZXX-031/15	Complex geographical analysis of small region (1).....	10
8. N-mZXX-034/15	Complex geographical analysis of small region (2).....	11
9. N-mUXX-117/15	Creation of Educational Web Pages.....	12
10. N-mZFG-109/15	Current problems in Biogeography.....	13
11. N-mOBH-100/15	Defence of Diploma Thesis ( <b>state exam</b> ).....	14
12. N-mUGE-102/15	Didactics of Geography (1).....	15
13. N-mUGE-103/15	Didactics of Geography (2).....	16
14. 2-UMA-951/15	Didactics of Mathematics ( <b>state exam</b> ).....	17
15. 2-UMA-105/15	Didactics of Mathematics (1).....	20
16. 2-UMA-106/15	Didactics of Mathematics (2).....	21
17. 2-UMA-259/15	Didactics of Mathematics in Praxis (1).....	22
18. 2-UMA-260/15	Didactics of Mathematics in Praxis (2).....	23
19. 2-UMA-151/15	Didactics of Teaching Mathematics in Digital Environment.....	25
20. N-mUGE-106/15	Digital technologies in Geography education.....	26
21. 2-UXX-937/10	Diploma Thesis in Mathematics Seminar.....	27
22. N-mUXX-106/15	Education to Marriage and Parenthood.....	28
23. 2-UMA-207/15	Elementary Theory of Quadratic Figures.....	29
24. N-mXCJ-060/10	English 1.....	30
25. N-mXCJ-061/10	English 2.....	31
26. N-mUGE-107/15	Field Trip in Geography of Slovakia.....	32
27. N-mUGE-108/15	Field Trip in Geography of Slovakia with a Didactic Purpose.....	33
28. N-mUGE-109/15	Fieldwork education and practical exercises in nature.....	34
29. N-XXXX-004/21	Genetika pre každého.....	35
30. N-UmGE/15	Geography and Didactics of Geography ( <b>state exam</b> ).....	36
31. N-mZHG-128/15	Geography of Religions.....	37
32. N-XXXX-001/21	Geography of the World in the 21.st century.....	38
33. N-XXXX-007/21	Geology in Nutshell.....	39
34. N-mZRG-102/15	Geopolitical development of the world after 1945.....	40
35. N-mXCJ-064/10	German 1.....	41
36. N-mXCJ-065/10	German 2.....	42
37. N-mUGE-108/15	Global problems and trends of development of the World.....	43
38. N-XXXX-009/21	Globálne problémy životného prostredia.....	44
39. N-mXXX-003/19	Green University 1.....	45
40. N-mXXX-004/19	Green University 2.....	46
41. 2-UMA-104/15	Introduction to Didactics of Mathematics.....	47
42. 2-UMA-164/15	Introduction to Graph Theory.....	48
43. N-mUXX-122/19	Kreatívny digitálny obsah pre prírodovedné predmety.....	50
44. N-mGXX-005/15	Land and Biodiversity.....	51
45. N-XXXX-008/21	Man as a part of the nature.....	52
46. 2-UMA-218/11	Mathematical Background of Music.....	53
47. 2-UMA-231/10	Mathematical Competitions and Seminars.....	55

48. 2-UMA-257/15	Methods for Solving Mathematical Tasks (1).....	56
49. 2-UMA-258/15	Methods for Solving Mathematical Tasks (2).....	58
50. N-mUXX-100/15	Methods of Pedagogic Research.....	60
51. N-mUXX-109/15	Mobile science learning 1.....	61
52. N-mUXX-110/15	Mobile science learning 2.....	62
53. 2-UMA-114/15	New Pedagogical Approaches in Teaching Not Only Mathematics.....	63
54. N-mUGE-110/15	New Trends in the Didactics of Geography.....	64
55. N-mZRG-129/15	New trends in geography.....	65
56. 2-UMA-162/15	Non-Euclidean Geometry.....	66
57. N-mUXX-124/21	Pedagogic Diagnostics.....	67
58. N-XXXX-010/21	Perspektívy biochémie.....	68
59. N-XXXX-011/21	Perspektívy chémie.....	69
60. N-mUXX-121/15	Philosophical Antropology and Axiology.....	70
61. N-mXTV-107/18	Physical Education.....	71
62. N-mXTV-109/18	Physical Education.....	72
63. N-mXTV-110/18	Physical Education 10.....	73
64. N-mXTV-108/18	Physical Education 8.....	74
65. N-XXXX-002/21	Practical Geography for Natural Scientists.....	75
66. N-XXXX-012/21	Praktická geológia pre všetkých.....	76
67. N-mUXX-115/15	Prevention of Drug Addiction.....	77
68. 2-UMA-253/19	Problematic Topics of Elementary School Mathematics.....	78
69. N-mUXX-105/15	Processing and interpretation of the statistical data in pedagogical- psychological researches.....	79
70. N-XXXX-003/21	Rastliny známe neznáme.....	80
71. N-mUGE-104/15	Regional Geography excursion.....	81
72. N-mUGE-100/15	Regional Geography of Slovakia.....	82
73. N-mZRG-128/15	Regions of Slovakia - selected problems.....	83
74. N-mUXX-116/15	Rhetoric for teachers.....	84
75. 2-UMA-111/15	Selected Parts of Mathematical Analysis (1).....	85
76. 2-UMA-112/15	Selected Parts of Mathematical Analysis (2).....	86
77. 2-UMA-263/15	Selected Topics in Algebra.....	87
78. 2-UMA-283/15	Selected Topics in Teaching of Mathematics (1).....	88
79. 2-UMA-211/15	Seminar in History of Mathematics (1).....	89
80. 2-UMA-212/15	Seminar in History of Mathematics (2).....	90
81. N-mUXX-102/15	Seminar to the thesis.....	92
82. 2-UMA-115/15	Set Theory.....	93
83. N-mZHG-100/15	Settlement Systems.....	94
84. N-mZHG-102/15	Social Geography.....	95
85. N-mGPA-116/17	Speleology 2.....	96
86. N-mUXX-204/10	Summer physic-educational meeting.....	97
87. N-mUXX-103/15	Teaching Practice 2 (A).....	98
88. N-mUXX-104/15	Teaching Practice 2 (B).....	99
89. N-mUXX-113/15	Teaching Practice 3 (A).....	100
90. N-mUXX-114/15	Teaching Practice 3 (B).....	101
91. 2-UXX-841/15	Teaching Practice in Mathematics (2).....	102
92. 2-UXX-842/15	Teaching Practice in Mathematics (3).....	103
93. N-XXXX-006/21	Teória druhu.....	104
94. N-mUXX-107/15	The Art of Presentation and Communication.....	105
95. 2-UMA-265/15	Theory, Algorithms and Graphs Applications.....	106

96. N-mUXX-119/15	Thesis 1.....	107
97. N-mUXX-120/15	Thesis 2.....	108
98. N-mUXX-203/10	Winter physic-educational meeting.....	109
99. N-mUGE-101/15	World`s regional geography.....	110

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-108/15		<b>Course title:</b> Activating methods and their use in learning			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 15					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022						
<b>University:</b> Comenius University Bratislava						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Course ID:</b> PriF.GÚ/N-mUGL-013/15		<b>Course title:</b> Basics of laboratory geology				
<b>Educational activities:</b> <b>Type of activities:</b> practicals / seminar <b>Number of hours:</b> <b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28 <b>Form of the course:</b> on-site learning						
<b>Number of credits:</b> 4						
<b>Recommended semester:</b> 1.						
<b>Educational level:</b> II.						
<b>Prerequisites:</b>						
<b>Course requirements:</b>						
<b>Learning outcomes:</b>						
<b>Class syllabus:</b>						
<b>Recommended literature:</b>						
<b>Languages necessary to complete the course:</b>						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 2						
A	ABS	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> RNDr. Marek Bujdoš, PhD., RNDr. Ingrid Hagarová, PhD., doc. RNDr. Peter Matúš, PhD., doc. RNDr. Martin Urík, PhD., Mgr. Lucia Nemček, PhD., Mgr. Eva Duborská, PhD., doc. Mgr. Marek Kolenčík, PhD., prof. Ing. Marcel Miglierini, DrSc., Mgr. Martin Šebesta, PhD., Mgr. Michaela Matulová, PhD.						
<b>Last change:</b> 21.02.2018						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KAn/N-XXXX-005/21		<b>Course title:</b> Bioarchaeology			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 1., 3.					
<b>Educational level:</b> I., II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 324					
A	B	C	D	E	FX
90,43	3,09	2,78	0,0	0,0	3,7
<b>Lecturers:</b> doc. RNDr. Radoslav Beňuš, PhD., Mgr. Silvia Bodoriková, PhD., prof. Mgr. Viktor Černý, Dr.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KJ/N-mXCJ-074/20		<b>Course title:</b> CLIL 1 – Content and language integrated learning			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1., 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 5					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Barbara Kordíková, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KJ/N-mXCJ-075/20		<b>Course title:</b> CLIL 2 – Content and language integrated learning			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2., 4.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b> PriF.KJ/N-mXCJ-074/20 - CLIL 1 – Content and language integrated learning					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 7					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Barbara Kordíková, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KEGD/N-mUGE-105/15		<b>Course title:</b> Complex Human Geography			
<b>Educational activities:</b> <b>Type of activities:</b> lecture / seminar <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 150					
A	B	C	D	E	FX
82,0	15,33	0,67	1,33	0,0	0,67
<b>Lecturers:</b> Mgr. Jaroslav Rusnák, PhD.					
<b>Last change:</b> 09.01.2020					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KRGRR/N- mZXX-031/15		<b>Course title:</b> Complex geographical analysis of small region (1)			
<b>Educational activities:</b> <b>Type of activities:</b> lecture / seminar <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 141					
A	B	C	D	E	FX
85,11	3,55	5,67	0,71	4,26	0,71
<b>Lecturers:</b> prof. RNDr. Ladislav Tolmáči, PhD., Mgr. Martin Šveda, PhD.					
<b>Last change:</b> 09.02.2018					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KRGRR/N- mZXX-034/15		<b>Course title:</b> Complex geographical analysis of small region (2)			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 136					
A	B	C	D	E	FX
88,24	5,15	2,94	3,68	0,0	0,0
<b>Lecturers:</b> prof. RNDr. Ladislav Tolmáči, PhD., Mgr. Martin Šveda, PhD.					
<b>Last change:</b> 09.02.2018					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-117/15		<b>Course title:</b> Creation of Educational Web Pages			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 24					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> PaedDr. Tibor Nagy, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KFGGI/N-mZFG-109/15		<b>Course title:</b> Current problems in Biogeography			
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 69					
A	B	C	D	E	FX
57,97	30,43	7,25	4,35	0,0	0,0
<b>Lecturers:</b> doc. RNDr. Vladimír Falt'an, PhD., RNDr. Ivan Ružek, PhD.					
<b>Last change:</b> 08.02.2018					
<b>Approved by:</b>					

## STATE EXAM DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KDPP/N-mOBH-100/15	<b>Course title:</b> Defence of Diploma Thesis
<b>Number of credits:</b> 14	
<b>Educational level:</b> II.	
<b>State exam syllabus:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUGE-102/15		<b>Course title:</b> Didactics of Geography (1)			
<b>Educational activities:</b> <b>Type of activities:</b> lecture / seminar <b>Number of hours:</b> <b>per week:</b> 2 / 3 <b>per level/semester:</b> 28 / 42 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 5					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 152					
A	B	C	D	E	FX
14,47	11,84	39,47	19,74	12,5	1,97
<b>Lecturers:</b> doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc.					
<b>Last change:</b> 15.10.2018					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUGE-103/15		<b>Course title:</b> Didactics of Geography (2)			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 3 <b>per level/semester:</b> 42 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 148					
A	B	C	D	E	FX
31,08	31,08	25,0	6,08	5,41	1,35
<b>Lecturers:</b> doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc.					
<b>Last change:</b> 15.10.2018					
<b>Approved by:</b>					



## STATE EXAM DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> FMFI.KDMFI/2-UMA-951/15	<b>Course title:</b> Didactics of Mathematics
<b>Number of credits:</b> 3	
<b>Educational level:</b> II.	
<b>Learning outcomes:</b> The graduate will be ready to perform the tasks assigned to a beginning math teacher.	
<b>Class syllabus:</b> State final examination in the scope of master's study of mathematics didactics. The student should be able to include the task in the thematic unit, identify preconceptions and the necessary knowledge to solve it, determine the skills that the student will learn on it, respectively. concepts that allows you to discover. The student will demonstrate a model solution, point out problematic places in the solution with which students could have problems and how he would react to them as a teacher. After completing the task, the student should outline the activities that would follow and how he would close the lesson.	
<b>State exam syllabus:</b> 1. Logic and sets Logic (propositions, operations with propositions, logical conjunctions and quantifiers), sets (number of elements of unification of two and three sets, De Morgan's formulas for complement of unification and intersection), proofs and conclusions (direct and indirect proofs, proofs by dispute, mathematical induction, mode ponens, modus tollens). 2. Numbers, variables, numerical fields Binomial theorem and Pascal's triangle, derivation of formulas $a^n - b^n$ (including geometric interpretation for $n = 2$ and $n = 3$ ). 3. Number theory Number of prime numbers, relation of largest common divisor and smallest common multiple of two numbers, prime decomposition number of number divisors, irrationality of the square root of a prime number, derivation of divisibility criteria 4, 5, 10, 100, 3, 6, 9. 4. Equations, inequalities and their system Geometric interpretation of a system of two linear equations with two unknowns, conditions for the existence of solutions, equivalent and non-equivalent modifications and their relation to basic functions. 5. Function and its properties Basic transformations of function graphs, definitions of basic properties of functions (domain of definition, domain of values, increasing and decreasing, extrema and local extrema - sharp and fuzzy, examples), inverse function and its graph. 6. Linear and quadratic function Significance of coefficients $k$ and $q$ in the formula of the linear function $y = kx + q$ , geometric meaning of the directive, quadratic function (derivation of the relation for calculating roots, coordinates of the vertex of the parabola). 7. Arithmetic and geometric sequence, infinite (geometric) series Basic relationship management.	

## 8. Polynomials, power functions and linear polynomials

Root factors and their relation to the roots of a polynomial equation, square roots as inverse functions to power functions, definition of a rational power of a positive number, linear polynomial function (derivation of asymptote equations and conditions why  $ad \neq bc$ ).

## 9. Exponential and logarithmic functions

Exponential functions (definition of power for natural, integer and rational exponent, basic properties of exponential function and their justification, simple and compound interest, regular deposits and withdrawals, loan repayments), definition of logarithm, rules for calculating logarithms and their connection with creation of exponential function, relationships between logarithms with different bases.

## 10. Trigonometric functions

Definition of trigonometric functions in a right triangle and using a unit circle and their mutual relation, values of trigonometric functions for basic angles, accounting formulas, formulas for double and half angle, relations for sum and difference of trigonometric functions.

## 11. Triangle

Consistency and similarity of triangles, Pythagorean and Euclidean theorems, different relations for the content of a triangle (Heron's formula, using sinus of angle, radius of inscribed and described circle), derivation of statements about intersections of angles, axes of sides, lines, heights, sine and cosine theorem.

## 12. Parallelograms and trapezoid

Derivation of formulas for the content of parallelograms and trapezoids, derivation of some of their properties the diagonals of a quadrilateral with sides  $a, b, c, d$  are perpendicular to each other just when  $a^2 + c^2 = b^2 + d^2$ ).

## 13. Circle

Formula for the content of a circle and a paragraph, size in degrees and radians, center and circumferential angle, Tales' theorem, estimation of the number  $\pi$  using written and described  $n$ -gons, related to trigonometric functions.

## 14. Analytical geometry in the plane and in space

Vectors and operations with them, scalar product and its relation to the angle of two vectors, analytical expression of a line and a plane, various equations of a line, derivation of coordinates of the center of a line and a dividing line in a given ratio, center of a triangle, size of a line, derivation of a formula lines and from the plane, angle of two lines (using scalar product, using directives), angle of line and plane, normal vector.

## 15. Sets of points of given properties and their analytical expression

Derivation of "basic" sets of points of a given property (including a set of points from which a line can be seen at a given angle).

## 16. Conic sections

Definitions of conic sections (circle, ellipse, hyperbola and parabola) as sets of points of given properties and derivation of their equations.

## 17. Suitable and similar representations, construction tasks

Examples of design tasks solved by a combination of calculation and construction, the use of sets of points of given properties in design tasks, examples of design tasks solved using identical and similar representations.

## 18. Basic ways of displaying space in a plane

Basic properties of parallel projection, hint of their justification, linear perspective and its basic properties, layers and their basic properties.

## 19. Linear formations in space - positional problems

Use of basic statements about the intersections of a pair of parallel ones planes with another plane when constructing sections of bodies by a plane.

<p>20. Solids</p> <p>Cavalieri's principle and its application e.g. to calculate the volume of a sphere, a formula for calculating the volume of pyramids and cones, the idea of justifying the formula for the surface of a sphere.</p> <p>21. Combinatorics</p> <p>Combinatorial identities, basic combinatorial rules (sum, product), typical examples of their use, derivation of formulas for the number of variations, combinations, permutations (also with repetition), combinatorial derivation of basic relations in the Pascal triangle (symmetry, sum of minor elements).</p> <p>22. Probability</p> <p>Statistical and Laplace definition of probability, dependent and independent events, calculation of probability for independent events, geometric probability and an example of its use.</p> <p>23. Statistics</p> <p>Statistical set and position measures (modus, median, mean), basic properties of the arithmetic mean (sum of deviations from the mean is equal to 0), various possibilities of describing the "scatter" of the set, Chebyshev's inequality.</p>
<p><b>Languages necessary to complete the course:</b></p> <p>slovak, english</p>
<p><b>Last change:</b> 17.03.2022</p>
<p><b>Approved by:</b></p>

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KAG+KDMFI/2- UMA-105/15		<b>Course title:</b> Didactics of Mathematics (1)			
<b>Educational activities:</b> <b>Type of activities:</b> course <b>Number of hours:</b> <b>per week:</b> 4 <b>per level/semester:</b> 56 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 4					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> D, II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 135					
A	B	C	D	E	FX
70,37	17,78	8,15	2,96	0,0	0,74
<b>Lecturers:</b> doc. PaedDr. Mária Slavíčková, PhD.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KAG+KDMFI/2- UMA-106/15		<b>Course title:</b> Didactics of Mathematics (2)			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 3 <b>per level/semester:</b> 42 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> D, II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 115					
A	B	C	D	E	FX
72,17	16,52	7,83	3,48	0,0	0,0
<b>Lecturers:</b> Mgr. Michaela Vargová, PhD.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KMANM/2- UMA-259/15		<b>Course title:</b> Didactics of Mathematics in Praxis (1)			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 3 <b>per level/semester:</b> 42 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 83					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Jana Trúsiková, PhD., doc. RNDr. Zbyněk Kubáček, CSc.					
<b>Last change:</b> 30.01.2022					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> FMFI.KMANM/2- UMA-260/15	<b>Course title:</b> Didactics of Mathematics in Praxis (2)
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> II.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Ongoing evaluation: homeworks Indicative rating scale: A 90%, B 80%, C 70%, D 60%, E 50% Scale of assessment (preliminary/final): 100/0	
<b>Learning outcomes:</b> Students will be prepared for the situations they will experience in the school reality of teaching mathematics in secondary school. They will know various teaching techniques, methods of interpretation, working with the textbook as well as supplementary materials, various forms of written and oral examinations, as well as methods of correcting children's solutions. They will learn to distinguish which statements help students and which harms them.	
<b>Class syllabus:</b> Evaluation and classification. Preparations, analysis and corrections of written works and tests (topics will be documented in the secondary school curriculum).	
<b>Recommended literature:</b> Aj geometria naučila človeka myslieť / Milan Hejný. Bratislava : Slovenské pedagogické nakladateľstvo, 1990 Dítě, škola a matematika : Konstruktivistické přístupy k vyučování / Milan Hejný, František Kuřina. Praha : Portál, 2001 Stavba planimetrie / Ján Gatiaľ, Milan Hejný. Bratislava : Slovenské pedagogické nakladateľstvo, 1973 Teória vyučovania matematiky 2 / Milan Hejný ... [et al.]. Bratislava : Slovenské pedagogické nakladateľstvo, 1990 Analýza řešení slovních úloh : Kapitoly z didaktiky matematiky. / Jarmila Novotná.. Praha : Univerzita Karlova, 2000.	
<b>Languages necessary to complete the course:</b> Slovak, English	

<b>Notes:</b>					
<b>Past grade distribution</b>					
Total number of evaluated students: 65					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Jana Trúsiková, PhD., doc. RNDr. Zbyněk Kubáček, CSc.					
<b>Last change:</b> 15.03.2022					
<b>Approved by:</b>					



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KDMFI/2-UMA-151/15		<b>Course title:</b> Didactics of Teaching Mathematics in Digital Environment			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 85					
A	B	C	D	E	FX
55,29	15,29	17,65	4,71	4,71	2,35
<b>Lecturers:</b> RNDr. Monika Dillingerová, PhD., doc. PaedDr. Monika Tomcsányiová, PhD.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUGE-106/15		<b>Course title:</b> Digital technologies in Geography education			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 150					
A	B	C	D	E	FX
85,33	12,0	2,67	0,0	0,0	0,0
<b>Lecturers:</b> RNDr. Henrieta Mázorová, PhD.					
<b>Last change:</b> 09.11.2018					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KDMFI/2-UXX-937/10		<b>Course title:</b> Diploma Thesis in Mathematics Seminar			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 62					
A	B	C	D	E	FX
61,29	16,13	12,9	4,84	3,23	1,61
<b>Lecturers:</b> PaedDr. Peter Vankúš, PhD.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-106/15		<b>Course title:</b> Education to Marriage and Parenthood			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 143					
A	B	C	D	E	FX
99,3	0,7	0,0	0,0	0,0	0,0
<b>Lecturers:</b> RNDr. Soňa Nagyová, PhD.					
<b>Last change:</b> 10.01.2020					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KAG/2-UMA-207/15		<b>Course title:</b> Elementary Theory of Quadratic Figures			
<b>Educational activities:</b> <b>Type of activities:</b> course <b>Number of hours:</b> <b>per week:</b> 3 <b>per level/semester:</b> 42 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 4					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 131					
A	B	C	D	E	FX
21,37	19,08	25,95	15,27	9,92	8,4
<b>Lecturers:</b> RNDr. Martina Bátorová, PhD.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KJ/N-mXCJ-060/10		<b>Course title:</b> English 1			
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1., 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 381					
A	B	C	D	E	FX
75,59	13,65	6,56	1,05	0,0	3,15
<b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková, PhD., PhDr. Oľga Pažitková, CSc.					
<b>Last change:</b> 08.01.2020					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KJ/N-mXCJ-061/10		<b>Course title:</b> English 2			
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2., 4.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 312					
A	B	C	D	E	FX
76,92	17,95	3,21	0,96	0,0	0,96
<b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková, PhD., PhDr. Oľga Pažitková, CSc., Mgr. Lenka Jeleňová					
<b>Last change:</b> 08.01.2020					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KRGRR/N- mUGE-107/15		<b>Course title:</b> Field Trip in Geography of Slovakia			
<b>Educational activities:</b> <b>Type of activities:</b> excursion <b>Number of hours:</b> <b>per week:</b> <b>per level/semester:</b> 7d <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 1					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 143					
A	B	C	D	E	FX
88,11	8,39	2,1	0,7	0,0	0,7
<b>Lecturers:</b> doc. RNDr. Daniel Gurňák, PhD., doc. RNDr. František Križan, PhD., prof. RNDr. Ladislav Tolmáči, PhD., Mgr. Gabriel Zubriczký, PhD., Mgr. Martin Šveda, PhD.					
<b>Last change:</b> 08.11.2018					
<b>Approved by:</b>					



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUGE-108/15		<b>Course title:</b> Field Trip in Geography of Slovakia with a Didactic Purpose			
<b>Educational activities:</b> <b>Type of activities:</b> excursion <b>Number of hours:</b> <b>per week:</b> <b>per level/semester:</b> 5d <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 1					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 146					
A	B	C	D	E	FX
90,41	4,11	1,37	0,68	2,74	0,68
<b>Lecturers:</b> doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc.					
<b>Last change:</b> 15.10.2018					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUGE-109/15		<b>Course title:</b> Fieldwork education and practical exercises in nature.			
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 116					
A	B	C	D	E	FX
38,79	22,41	21,55	11,21	6,03	0,0
<b>Lecturers:</b> RNDr. Peter Likavský, CSc., doc. RNDr. Štefan Karolčík, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KGe/N-XXXX-004/21		<b>Course title:</b> Genetika pre každého			
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 2., 4.					
<b>Educational level:</b> I., II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 368					
A	B	C	D	E	FX
95,38	0,0	0,0	0,0	0,0	4,62
<b>Lecturers:</b> RNDr. Regina Sepšiová, PhD., doc. Mgr. Miroslava Slaninová, Dr., Mgr. Filip Červenák, PhD., doc. RNDr. Andrea Ševčovičová, PhD., doc. RNDr. Eliška Gálová, PhD., Mgr. Stanislav Kyzek, PhD.					
<b>Last change:</b> 15.05.2021					
<b>Approved by:</b>					

## STATE EXAM DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KDPP/N-UmGE/15	<b>Course title:</b> Geography and Didactics of Geography
<b>Number of credits:</b> 3	
<b>Educational level:</b> II.	
<b>State exam syllabus:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KEGD/N-mZHG-128/15		<b>Course title:</b> Geography of Religions			
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 192					
A	B	C	D	E	FX
9,38	7,29	18,23	21,35	35,94	7,81
<b>Lecturers:</b> Mgr. Gabriela Nováková, PhD., Mgr. Juraj Majo, PhD.					
<b>Last change:</b> 18.02.2020					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KRGRR/N-XXXX-001/21		<b>Course title:</b> Geography of the World in the 21.st century			
<b>Educational activities:</b> <b>Type of activities:</b> lecture / seminar <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 2., 4.					
<b>Educational level:</b> I., II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 16					
A	B	C	D	E	FX
50,0	18,75	18,75	6,25	6,25	0,0
<b>Lecturers:</b> Mgr. Rastislav Cákoci, PhD., RNDr. Katarína Danielová, PhD., doc. RNDr. Daniel Gurňák, PhD., doc. RNDr. František Križan, PhD., doc. RNDr. Eva Rajčáková, CSc., Mgr. Michala Sládeková Madajová, PhD., RNDr. Angelika Švecová, PhD., Mgr. Martin Šveda, PhD., prof. RNDr. Ladislav Tolmáči, PhD., RNDr. Mgr. Anna Tolmáči, PhD., Mgr. Gabriel Zubriczký, PhD.					
<b>Last change:</b> 15.05.2021					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KMPLG/N-XXXX-007/21		<b>Course title:</b> Geology in Nutshell			
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 2., 4.					
<b>Educational level:</b> I., II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 18					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> prof. RNDr. Roman Aubrecht, Dr., doc. Mgr. Natália Hlavatá Hudáčková, PhD., doc. RNDr. Jozef Hók, CSc., prof. RNDr. Michal Kováč, DrSc., RNDr. Alexander Lačný, PhD., doc. RNDr. Jana Fridrichová, PhD., RNDr. Ondrej Nemec, PhD.					
<b>Last change:</b> 20.01.2022					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KRGRR/N- mZRG-102/15		<b>Course title:</b> Geopolitical development of the world after 1945			
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 150					
A	B	C	D	E	FX
6,67	19,33	29,33	34,0	6,67	4,0
<b>Lecturers:</b> doc. RNDr. Daniel Gurňák, PhD.					
<b>Last change:</b> 09.02.2018					
<b>Approved by:</b>					



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KJ/N-mXCJ-064/10		<b>Course title:</b> German 1			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1., 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 76					
A	B	C	D	E	FX
88,16	2,63	1,32	2,63	0,0	5,26
<b>Lecturers:</b> Mgr. Karin Rózsová Wolfová					
<b>Last change:</b> 16.01.2020					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KJ/N-mXCJ-065/10		<b>Course title:</b> German 2			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2., 4.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 65					
A	B	C	D	E	FX
89,23	6,15	1,54	1,54	0,0	1,54
<b>Lecturers:</b> Mgr. Karin Rózsová Wolfová					
<b>Last change:</b> 21.01.2020					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KRGRR/N- mUGE-108/15		<b>Course title:</b> Global problems and trends of development of the World			
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 4					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 113					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> RNDr. Karol Kasala, PhD.					
<b>Last change:</b> 08.11.2018					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KPI/N-XXXX-009/21		<b>Course title:</b> Globálne problémy životného prostredia			
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 2., 4.					
<b>Educational level:</b> I., II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 153					
A	B	C	D	E	FX
99,35	0,0	0,65	0,0	0,0	0,0
<b>Lecturers:</b> prof. RNDr. Pavel Dlapa, PhD., RNDr. Martina Zvaríková, PhD., doc. RNDr. Katarína Pavličková, CSc., doc. RNDr. Ľubomír Jurkovič, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KEM/N-mXXX-003/19		<b>Course title:</b> Green University 1			
<b>Educational activities:</b> <b>Type of activities:</b> practicals / seminar <b>Number of hours:</b> <b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1., 2., 3., 4..					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 39					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD., RNDr. Hubert Žarnovičan, PhD.					
<b>Last change:</b> 11.02.2020					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KEM/N-mXXX-004/19		<b>Course title:</b> Green University 2			
<b>Educational activities:</b> <b>Type of activities:</b> practicals / seminar <b>Number of hours:</b> <b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1., 2., 3., 4..					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 2					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD., RNDr. Hubert Žarnovičan, PhD.					
<b>Last change:</b> 11.02.2020					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KAG+KDMFI/2- UMA-104/15		<b>Course title:</b> Introduction to Didactics of Mathematics			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 3 <b>per level/semester:</b> 42 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> D, II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 142					
A	B	C	D	E	FX
92,25	4,93	0,7	0,7	0,0	1,41
<b>Lecturers:</b> doc. PaedDr. Mária Slavíčková, PhD.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KAG+KI/2- UMA-164/15		<b>Course title:</b> Introduction to Graph Theory			
<b>Educational activities:</b> <b>Type of activities:</b> course <b>Number of hours:</b> <b>per week:</b> 3 <b>per level/semester:</b> 42 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Antirequisites:</b> FMFI.KAGDM/1-UMA-311/00					
<b>Course requirements:</b> Continuous evaluation: homework (20 p.) Final exam: written (80 p.) Grades: A 90%, B 80%, C 70%, D 60%, E 50% Scale of assessment (preliminary/final): 20/80					
<b>Learning outcomes:</b> Knowledge of basic concepts and results of graph theory, solutions of specific tasks which can be expressed in the language of graph theory.					
<b>Class syllabus:</b> Concept of graph, connectivity, metrics, finding shortest path, walks in graphs, trees, finding optimal tree, travelling salesman problem, matching in biparted graphs, perfect matching, planar graphs, Euler formula, coloring graphs and maps.					
<b>Recommended literature:</b> Kapitoly z diskrétní matematiky / Jiří Matoušek, Jaroslav Nešetřil. Praha : Karolinum, 2000 Applied and algorithmic graph theory / Gary Chartrand, Ortrud R. Oellermann. New York : McGraw Hill, 1993 Graph theory and its applications / Jonathan L. Gross, Jay Yellen. Boca Raton, Fla. : Chapman & Hall, 2006					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 101					
A	B	C	D	E	FX
95,05	3,96	0,0	0,0	0,99	0,0



<b>Lecturers:</b> RNDr. Jana Tomanová, CSc.
<b>Last change:</b> 19.06.2022
<b>Approved by:</b>

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-122/19		<b>Course title:</b> Kreatívny digitálny obsah pre prírodovedné predmety			
<b>Educational activities:</b> <b>Type of activities:</b> lecture / seminar <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 7					
A	B	C	D	E	FX
85,71	14,29	0,0	0,0	0,0	0,0
<b>Lecturers:</b> doc. RNDr. Beáta Brestenská, CSc.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022						
<b>University:</b> Comenius University Bratislava						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Course ID:</b> PriF.GÚ/N-mGXX-005/15			<b>Course title:</b> Land and Biodiversity			
<b>Educational activities:</b> <b>Type of activities:</b> practicals / seminar <b>Number of hours:</b> <b>per week:</b> 1 / 3 <b>per level/semester:</b> 14 / 42 <b>Form of the course:</b> on-site learning						
<b>Number of credits:</b> 4						
<b>Recommended semester:</b> 1., 3.						
<b>Educational level:</b> II.						
<b>Prerequisites:</b>						
<b>Course requirements:</b>						
<b>Learning outcomes:</b>						
<b>Class syllabus:</b>						
<b>Recommended literature:</b>						
<b>Languages necessary to complete the course:</b>						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 61						
A	ABS	B	C	D	E	FX
45,9	19,67	19,67	3,28	3,28	6,56	1,64
<b>Lecturers:</b> Mgr. Pavol Littera, PhD., doc. RNDr. Martin Urík, PhD., Mgr. Martin Šebesta, PhD.						
<b>Last change:</b> 30.11.2017						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KPI/N-XXXX-008/21		<b>Course title:</b> Man as a part of the nature			
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 1., 3.					
<b>Educational level:</b> I., II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 160					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> RNDr. Malvína Čierniková, PhD., prof. RNDr. Pavel Dlpa, PhD., prof. RNDr. Elena Masarovičová, DrSc., prof. PaedDr. Pavol Prokop, DrSc., prof. RNDr. Peter Fedor, DrSc., prof. Ing. Eva Chmielewská, CSc., RNDr. Martina Zvaríková, PhD., RNDr. Martin Labuda, PhD., doc. RNDr. Eva Pauditšová, PhD., RNDr. Hubert Žarnovičan, PhD., doc. RNDr. Stanislav Rapant, DrSc., doc. RNDr. Ľubomír Jurkovič, PhD., Mgr. Tomáš Lánczos, PhD., doc. RNDr. Katarína Pavličková, CSc.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> FMFI.KDMFI/2-UMA-218/11	<b>Course title:</b> Mathematical Background of Music
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> II.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Continuous assessment: individual work of students, project Indicative assessment scale: A 90%, B 80%, C 70%, D 60%, E 50% Scale of assessment (preliminary/final): 100/0	
<b>Learning outcomes:</b> By completing the course, the student will deepen and combine knowledge of basic mathematics courses in bachelor's studies in the study program mathematics teacher preparation in combination, build on knowledge of mathematics didactics and broaden horizons in the context of creating lessons using interdisciplinary relationships.	
<b>Class syllabus:</b> Selected parts of music theory from the point of view of mathematics, connection to mathematics from lower secondary school to university, related to the teaching of mathematics, preparation of interdisciplinary projects and activities for direct inclusion in teaching and leisure activities.	
<b>Recommended literature:</b> Mathematics and Art / Bruter (Ed.), Springer Hudba ako zdroj námetov vo vyučovaní matematiky / M. Slavičková, In. Matematika, informatika, fyzika. Roč. 21, č. 38 (2012), s. 3-8. ISSN 1335-7794 Chladniho obrazce / E. Dubajová, (časť diplomovej práce), dostupné na <a href="https://wilma.sk/dokumenty/ef0ed9b0f05bd757ddcf91b96794b0cf/show">https://wilma.sk/dokumenty/ef0ed9b0f05bd757ddcf91b96794b0cf/show</a> The Science of Sound / T. D. Rossing, R. F. Moore, P. A. Wheeler, 3. vyd., Pearson, 2014 Music: A Mathematical Offering / D. Benson, Department of Mathematics, Meston Building, University of Aberdeen, UK. 2008	
<b>Languages necessary to complete the course:</b> slovak, english	
<b>Notes:</b> To complete the course, it is recommended to have at least a basic knowledge of music theory (min. of 2 years music school)	

<b>Past grade distribution</b>					
Total number of evaluated students: 13					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> doc. PaedDr. Mária Slavíčková, PhD.					
<b>Last change:</b> 17.03.2022					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KDMFI/2-UMA-231/10		<b>Course title:</b> Mathematical Competitions and Seminars			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1., 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 64					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> PaedDr. Peter Vankúš, PhD.					
<b>Last change:</b> 24.04.2017					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> FMFI.KAG+KDMFI/2- UMA-257/15	<b>Course title:</b> Methods for Solving Mathematical Tasks (1)
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> II.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Continuous assessment: Homework - individual work of students Indicative assessment scale: A 90%, B 80%, C 70%, D 60%, E 50% Scale of assessment (preliminary/final): 100/0	
<b>Learning outcomes:</b> After completing the course, students will master methods of solving various mathematical tasks from the curriculum of lower and upper secondary school and will be able to apply these methods in the teaching of mathematics.	
<b>Class syllabus:</b> Generally about solving mathematical tasks, basic methods of solving mathematical tasks –patterns identification and conclusion making, figural approaches to solving, formulating equivalent problems, modifying the problem, choosing effective marking, using symmetry, dividing the problem into several special cases, reverse procedure, indirect procedure, use of parity, mathematical induction, Dirichlet (Pigeon) principle.	
<b>Recommended literature:</b> Metódy riešenia matematických problémov / L. C. Larson ; from the American original translated by Jaroslav Smítal. Bratislava : Alfa, 1990 Metódy riešenia matematických úloh / Tomáš Hecht, Zita Sklenáriková. Bratislava : Slovenské pedagogické nakladateľstvo, 1992 Tasks from Mathematical Olympiad and Mathematical correspondence seminars	
<b>Languages necessary to complete the course:</b> Slovak, English	
<b>Notes:</b>	



<b>Past grade distribution</b>					
Total number of evaluated students: 120					
A	B	C	D	E	FX
87,5	5,0	1,67	0,0	0,83	5,0
<b>Lecturers:</b> Mgr. Emília Mit'ková, PhD.					
<b>Last change:</b> 17.03.2022					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> FMFI.KAG+KDMFI/2- UMA-258/15	<b>Course title:</b> Methods for Solving Mathematical Tasks (2)
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 3 <b>per level/semester:</b> 42 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> II.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Continuous assessment: Homework - individual work of students Indicative assessment scale: A 90%, B 80%, C 70%, D 60%, E 50% Scale of assessment (preliminary/final): 100/0	
<b>Learning outcomes:</b> After completing the course, students will master methods of solving various mathematical tasks from the curriculum of lower and upper secondary school and will be able to apply these methods in the teaching of mathematics.	
<b>Class syllabus:</b> Equations, inequalities, systems of equations and inequalities, sets of points of given properties, analytical geometry, construction tasks, planimetric tasks, stereometric tasks, inequalities in geometry, number theory, diophantic equations, combinatorial geometry, sequences, recurrent relationships, trigonometry and complex numbers, probability.	
<b>Recommended literature:</b> Metódy riešenia matematických problémov / L. C. Larson ; from the American original translated by Jaroslav Smítal. Bratislava : Alfa, 1990 Metódy riešenia matematických úloh / Tomáš Hecht, Zita Sklenáriková. Bratislava : Slovenské pedagogické nakladateľstvo, 1992 Tasks from Mathematical Olympiad and Mathematical correspondence seminars	
<b>Languages necessary to complete the course:</b> Slovak, English	
<b>Notes:</b>	

<b>Past grade distribution</b>					
Total number of evaluated students: 78					
A	B	C	D	E	FX
92,31	3,85	1,28	0,0	0,0	2,56
<b>Lecturers:</b> Mgr. Emília Mit'ková, PhD.					
<b>Last change:</b> 17.03.2022					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-100/15		<b>Course title:</b> Methods of Pedagogic Research			
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 261					
A	B	C	D	E	FX
26,05	21,84	26,82	17,62	7,66	0,0
<b>Lecturers:</b> prof. RNDr. Miroslav Prokša, CSc.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-109/15		<b>Course title:</b> Mobile science learning 1			
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 12					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD., PhDr. Michael Fuchs					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-110/15		<b>Course title:</b> Mobile science learning 2			
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week: 2 per level/semester: 28</b> <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 7					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD., PhDr. Michael Fuchs					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFLKDMFI/2-UMA-114/15		<b>Course title:</b> New Pedagogical Approaches in Teaching Not Only Mathematics			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 3 <b>per level/semester:</b> 42 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> D, II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 42					
A	B	C	D	E	FX
85,71	7,14	4,76	0,0	0,0	2,38
<b>Lecturers:</b> RNDr. Monika Dillingerová, PhD.					
<b>Last change:</b> 22.05.2019					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUGE-110/15		<b>Course title:</b> New Trends in the Didactics of Geography			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 9					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> RNDr. Peter Likavský, CSc.					
<b>Last change:</b> 09.11.2018					
<b>Approved by:</b>					



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KRGRR/N- mZRG-129/15		<b>Course title:</b> New trends in geography			
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 4.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 76					
A	B	C	D	E	FX
85,53	7,89	1,32	2,63	0,0	2,63
<b>Lecturers:</b> doc. RNDr. František Križan, PhD., Mgr. Martin Šveda, PhD.					
<b>Last change:</b> 14.02.2018					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KAG/2-UMA-162/15		<b>Course title:</b> Non-Euclidean Geometry			
<b>Educational activities:</b> <b>Type of activities:</b> course <b>Number of hours:</b> <b>per week:</b> 3 <b>per level/semester:</b> 42 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 34					
A	B	C	D	E	FX
61,76	8,82	20,59	2,94	5,88	0,0
<b>Lecturers:</b> doc. RNDr. Pavel Chalmovianský, PhD.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-124/21		<b>Course title:</b> Pedagogic Diagnostics			
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 49					
A	B	C	D	E	FX
14,29	40,82	24,49	16,33	4,08	0,0
<b>Lecturers:</b> PhDr. ThLic. Peter Ikhardt, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KBCh/N-XXXX-010/21		<b>Course title:</b> Perspektívy biochémie			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 1 <b>per level/semester:</b> 14 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 1					
<b>Recommended semester:</b> 2., 4.					
<b>Educational level:</b> I., II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 8					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> doc. RNDr. Marek Mentel, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KOrCh/N-XXXX-011/21		<b>Course title:</b> Perspektívy chémie			
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1., 3.					
<b>Educational level:</b> I., II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 3					
A	B	C	D	E	FX
33,33	33,33	0,0	33,33	0,0	0,0
<b>Lecturers:</b> RNDr. Marek Cigáň, PhD., doc. RNDr. Martin Putala, CSc., prof. Ing. Dušan Velič, DrSc., prof. RNDr. Ivan Černušák, DrSc., doc. RNDr. Erik Rakovský, PhD., Mgr. Peter Hrobárik, PhD., doc. RNDr. Oľga Roskopfová, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-121/15		<b>Course title:</b> Philosophical Antropology and Axiology			
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 225					
A	B	C	D	E	FX
62,67	21,33	10,67	1,33	1,78	2,22
<b>Lecturers:</b> Mgr. Štefan Zolcer, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KTV/N-mXTV-107/18		<b>Course title:</b> Physical Education			
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 1					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 216					
A	B	C	D	E	FX
99,07	0,93	0,0	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KTV/N-mXTV-109/18		<b>Course title:</b> Physical Education			
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 1					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 214					
A	B	C	D	E	FX
99,53	0,0	0,0	0,0	0,47	0,0
<b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová					
<b>Last change:</b>					
<b>Approved by:</b>					



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KTV/N-mXTV-110/18		<b>Course title:</b> Physical Education 10			
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 1					
<b>Recommended semester:</b> 4.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 152					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KTV/N-mXTV-108/18		<b>Course title:</b> Physical Education 8			
<b>Educational activities:</b> <b>Type of activities:</b> practicals <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 1					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 255					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KRGRR/N-XXXX-002/21		<b>Course title:</b> Practical Geography for Natural Scientists			
<b>Educational activities:</b> <b>Type of activities:</b> lecture / seminar <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 1., 3.					
<b>Educational level:</b> I., II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 4					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Rastislav Cákoci, PhD., RNDr. Katarína Danielová, PhD., doc. RNDr. Daniel Gurňák, PhD., doc. RNDr. František Križan, PhD., doc. RNDr. Eva Rajčáková, CSc., Mgr. Michala Sládeková Madajová, PhD., RNDr. Angelika Švecová, PhD., Mgr. Martin Šveda, PhD., prof. RNDr. Ladislav Tolmáči, PhD., RNDr. Mgr. Anna Tolmáči, PhD., Mgr. Gabriel Zubriczký, PhD.					
<b>Last change:</b> 15.05.2021					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KIHG/N-XXXX-012/21		<b>Course title:</b> Praktická geológia pre všetkých			
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 1., 3.					
<b>Educational level:</b> I., II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 4					
A	B	C	D	E	FX
75,0	0,0	25,0	0,0	0,0	0,0
<b>Lecturers:</b> doc. RNDr. Renáta Adamcová, PhD., prof. RNDr. Martin Bednarik, PhD., Mgr. Rudolf Tornyai, PhD., doc. RNDr. Dávid Krčmář, PhD., Mgr. Martin Zatlakovič, PhD., RNDr. Tatiana Durmeková, PhD., doc. RNDr. Renáta Fľaková, PhD., RNDr. Ivana Ondrejková, PhD., prof. RNDr. Roman Pašteka, PhD., doc. Mgr. Vladimír Greif, PhD., doc. RNDr. Milan Seman, CSc.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-115/15		<b>Course title:</b> Prevention of Drug Addiction			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1., 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 164					
A	B	C	D	E	FX
95,73	1,83	0,0	0,0	0,0	2,44
<b>Lecturers:</b> PaedDr. Tibor Nagy, PhD., RNDr. Soňa Nagyová, PhD.					
<b>Last change:</b> 10.01.2020					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KDMFI/2-UMA-253/19		<b>Course title:</b> Problematic Topics of Elementary School Mathematics			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 3					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> doc. PaedDr. Mária Slavičková, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-105/15		<b>Course title:</b> Processing and interpretation of the statistical data in pedagogical-psychological researches			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 83					
A	B	C	D	E	FX
61,45	19,28	4,82	9,64	3,61	1,2
<b>Lecturers:</b> PaedDr. Anna Drozdíková, PhD.					
<b>Last change:</b> 03.12.2019					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KBo/N-XXXX-003/21		<b>Course title:</b> Rastliny známe neznáme			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 1., 3.					
<b>Educational level:</b> I., II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 110					
A	B	C	D	E	FX
53,64	35,45	2,73	0,0	0,0	8,18
<b>Lecturers:</b> Ing. Mgr. Eva Zahradníková, PhD., doc. Mgr. Katarína Mišíková, PhD., doc. RNDr. Jana Ščevková, PhD.					
<b>Last change:</b> 15.05.2021					
<b>Approved by:</b>					



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KRGRR/N- mUGE-104/15		<b>Course title:</b> Regional Geography excursion			
<b>Educational activities:</b> <b>Type of activities:</b> excursion <b>Number of hours:</b> <b>per week:</b> <b>per level/semester:</b> 7d <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 1					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 145					
A	B	C	D	E	FX
97,93	0,69	0,0	0,0	0,0	1,38
<b>Lecturers:</b> prof. RNDr. Ladislav Tolmáči, PhD., Mgr. Gabriel Zubriczký, PhD., doc. RNDr. Daniel Guľák, PhD., RNDr. Katarína Danielová, PhD., Mgr. Rastislav Cákoci, PhD.					
<b>Last change:</b> 08.11.2018					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KRGRR/N- mUGE-100/15		<b>Course title:</b> Regional Geography of Slovakia			
<b>Educational activities:</b> <b>Type of activities:</b> lecture / seminar <b>Number of hours:</b> <b>per week:</b> 3 / 2 <b>per level/semester:</b> 42 / 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 6					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 173					
A	B	C	D	E	FX
4,62	9,83	13,87	22,54	32,37	16,76
<b>Lecturers:</b> doc. RNDr. František Križan, PhD., doc. RNDr. Eva Rajčáková, CSc., Mgr. Rastislav Cákoci, PhD.					
<b>Last change:</b> 15.10.2018					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KRGRR/N- mZRG-128/15		<b>Course title:</b> Regions of Slovakia - selected problems			
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 120					
A	B	C	D	E	FX
55,0	21,67	14,17	5,0	4,17	0,0
<b>Lecturers:</b> doc. RNDr. Eva Rajčáková, CSc.					
<b>Last change:</b> 14.02.2018					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-116/15		<b>Course title:</b> Rhetoric for teachers			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b> participation, activity, eventually final essay					
<b>Learning outcomes:</b> The aim of the course is to teach students to adequately articulate their ideas, to express their attitudes and opinions, to use argumentation, think critically, to communicate adequately, and to listen or read with understanding.					
<b>Class syllabus:</b> Except the introductory lectures, the course is conceived as seminars with discussions on chosen topics. The topics should concern teaching.					
<b>Recommended literature:</b> Aristoteles: Rétorika. Bratislava: Thetis, 2009. Recommended sources are given to each topic separately.					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 40					
A	B	C	D	E	FX
65,0	17,5	17,5	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Štefan Zolcer, PhD.					
<b>Last change:</b> 02.09.2021					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KMANM/2- UMA-111/15		<b>Course title:</b> Selected Parts of Mathematical Analysis (1)			
<b>Educational activities:</b> <b>Type of activities:</b> course <b>Number of hours:</b> <b>per week:</b> 4 <b>per level/semester:</b> 56 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 4					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 120					
A	B	C	D	E	FX
47,5	16,67	15,83	12,5	7,5	0,0
<b>Lecturers:</b> doc. RNDr. Ivan Kupka, CSc.					
<b>Last change:</b> 15.06.2022					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KMANM/2- UMA-112/15		<b>Course title:</b> Selected Parts of Mathematical Analysis (2)			
<b>Educational activities:</b> <b>Type of activities:</b> course <b>Number of hours:</b> <b>per week:</b> 3 <b>per level/semester:</b> 42 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 63					
A	B	C	D	E	FX
90,48	7,94	0,0	0,0	1,59	0,0
<b>Lecturers:</b> doc. RNDr. Ivan Kupka, CSc.					
<b>Last change:</b> 15.06.2022					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KAG/2-UMA-263/15		<b>Course title:</b> Selected Topics in Algebra			
<b>Educational activities:</b> <b>Type of activities:</b> course <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 4.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 2					
A	B	C	D	E	FX
50,0	0,0	0,0	50,0	0,0	0,0
<b>Lecturers:</b> Mgr. Martin Niepel, PhD.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KAG+KDMFI/2- UMA-283/15		<b>Course title:</b> Selected Topics in Teaching of Mathematics (1)			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 3 <b>per level/semester:</b> 42 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 89					
A	B	C	D	E	FX
56,18	23,6	8,99	4,49	2,25	4,49
<b>Lecturers:</b> RNDr. Monika Dillingerová, PhD.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KMANM/2- UMA-211/15		<b>Course title:</b> Seminar in History of Mathematics (1)			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 3 <b>per level/semester:</b> 42 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> D, II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 118					
A	B	C	D	E	FX
55,08	36,44	7,63	0,85	0,0	0,0
<b>Lecturers:</b> doc. RNDr. Zbyněk Kubáček, CSc.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> FMFI.KMANM/2- UMA-212/15	<b>Course title:</b> Seminar in History of Mathematics (2)
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> D, II.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Ongoing evaluation: presentation of the prepared lesson (20 points), preparation of the written exam for other participants (10 points), active participation in the evaluation of presentations and written exams of other participants (30 points). Grading: A (56-60 points), B (51-55 points), C (46-50 points), D (41-45 points), E (36-40 points), Fx (0-35 points). Weight of the ongoing / final assessment: 100/0 Scale of assessment (preliminary/final): 100/0	
<b>Learning outcomes:</b> The student will gain an overview of the various periods of mathematics development, including examples of problems solved in individual basic works.	
<b>Class syllabus:</b> Students will choose from the following topics: Ptolemy. Apollonius. Chinese and Arabic mathematics. Fibonacci. Alcuin's problems. Cardano's Ars Magna. Pascal's Arithmetic Triangle. Huygens's De Ratiociniis in Ludo Aleae. Bernoulli's Ars Conjectandi. Cavalieri's Geometry of indivisibles. Euler's Introductio and Letters to a German Princess. Venn's Symbolic Logic.	
<b>Recommended literature:</b> Matematika v proměnách věků III / Editori Jindřich Bečvář, Eduard Fuchs. Praha : Výzkumné centrum pro dějiny vědy, 2004 Dějiny matematiky / Dirk J. Struik ; přeložili Jaroslav Folta, Luboš Nový. Praha : Orbis, 1963 Dějiny matematiky ve starověku / Arnošt Kolman. Praha : Academia, 1968 Dějiny matematiky ve středověku / Adolf P. Juškevič. Praha : Academia, 1977 Dějiny matematiky / Ján Čižmár. Bratislava : Perfekt, 2020 The history of mathematics / Roger L. Cooke. Hoboken, NJ : John Wiley, 2003 The history of mathematics / David M. Burton, New York : McGraw-Hill, 2011	
<b>Languages necessary to complete the course:</b> Slovak, English	

<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 116					
A	B	C	D	E	FX
90,52	8,62	0,0	0,86	0,0	0,0
<b>Lecturers:</b> doc. RNDr. Zbyněk Kubáček, CSc.					
<b>Last change:</b> 24.06.2022					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-102/15		<b>Course title:</b> Seminar to the thesis			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 250					
A	B	C	D	E	FX
76,4	14,0	5,6	0,4	2,4	1,2
<b>Lecturers:</b> doc. RNDr. Beáta Brestenská, CSc., doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., PaedDr. Tibor Nagy, PhD., RNDr. Soňa Nagyová, PhD., PaedDr. Anna Drozdíková, PhD., doc. RNDr. PaedDr. Zuzana Haláková, PhD., prof. RNDr. Miroslav Prokša, CSc., RNDr. Ivan Ružek, PhD., doc. Mgr. Slavomír Ondoš, PhD., RNDr. Katarína Danielová, PhD., Mgr. Marta Nevřelová, PhD., PhDr. ThLic. Peter Ikhardt, PhD., RNDr. Jana Ciceková, PhD., doc. RNDr. Eliška Gálová, PhD., doc. RNDr. Andrea Ševčovičová, PhD., RNDr. Jana Chrappová, PhD., Mgr. Štefan Zolcer, PhD., Mgr. Milica Križanová, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KAG/2-UMA-115/15		<b>Course title:</b> Set Theory			
<b>Educational activities:</b> <b>Type of activities:</b> course <b>Number of hours:</b> <b>per week:</b> 3 <b>per level/semester:</b> 42 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 4					
<b>Recommended semester:</b> 4.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b> Scale of assessment (preliminary/final): Semester 100% (homework assignments)					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 102					
A	B	C	D	E	FX
63,73	14,71	13,73	3,92	3,92	0,0
<b>Lecturers:</b> RNDr. Martin Sleziak, PhD.					
<b>Last change:</b> 18.06.2022					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KEGD/N-mZHG-100/15		<b>Course title:</b> Settlement Systems			
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 4					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 207					
A	B	C	D	E	FX
22,71	35,27	26,57	8,21	0,0	7,25
<b>Lecturers:</b> doc. RNDr. Vladimír Slavík, CSc., RNDr. Michal Klobučník, PhD.					
<b>Last change:</b> 08.02.2018					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KEGD/N-mZHG-102/15		<b>Course title:</b> Social Geography			
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 4					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 201					
A	B	C	D	E	FX
28,36	35,82	22,39	3,48	5,47	4,48
<b>Lecturers:</b> Mgr. Alena Rochovská, PhD.					
<b>Last change:</b> 08.02.2018					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022						
<b>University:</b> Comenius University Bratislava						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Course ID:</b> PriF.KGP/N-mGPA-116/17			<b>Course title:</b> Speleology 2			
<b>Educational activities:</b> <b>Type of activities:</b> practicals / lecture <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning						
<b>Number of credits:</b> 4						
<b>Recommended semester:</b> 2.						
<b>Educational level:</b> II.						
<b>Prerequisites:</b>						
<b>Course requirements:</b>						
<b>Learning outcomes:</b>						
<b>Class syllabus:</b>						
<b>Recommended literature:</b>						
<b>Languages necessary to complete the course:</b>						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 68						
A	ABS	B	C	D	E	FX
58,82	0,0	5,88	7,35	5,88	22,06	0,0
<b>Lecturers:</b> RNDr. Alexander Lačný, PhD.						
<b>Last change:</b>						
<b>Approved by:</b>						



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KTV/N-mUXX-204/10		<b>Course title:</b> Summer physic-educational meeting			
<b>Educational activities:</b> <b>Type of activities:</b> other <b>Number of hours:</b> <b>per week:</b> <b>per level/semester:</b> 7d <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 1					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 50					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Pajkoš					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-103/15		<b>Course title:</b> Teaching Practice 2 (A)			
<b>Educational activities:</b> <b>Type of activities:</b> practice <b>Number of hours:</b> <b>per week:</b> 80 <b>per level/semester:</b> 1120 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 261					
A	B	C	D	E	FX
75,86	19,54	3,45	0,77	0,0	0,38
<b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., prof. RNDr. Miroslav Prokša, CSc., doc. RNDr. Katarína Pavličková, CSc., RNDr. Hubert Žarnovičan, PhD., PaedDr. Anna Drozdíková, PhD., PhDr. Michael Fuchs, Mgr. Milica Križanová, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022						
<b>University:</b> Comenius University Bratislava						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Course ID:</b> PriF.KDPP/N-mUXX-104/15			<b>Course title:</b> Teaching Practice 2 (B)			
<b>Educational activities:</b> <b>Type of activities:</b> practice <b>Number of hours:</b> <b>per week:</b> 80 <b>per level/semester:</b> 1120 <b>Form of the course:</b> on-site learning						
<b>Number of credits:</b> 2						
<b>Recommended semester:</b> 2.						
<b>Educational level:</b> II.						
<b>Prerequisites:</b>						
<b>Course requirements:</b>						
<b>Learning outcomes:</b>						
<b>Class syllabus:</b>						
<b>Recommended literature:</b>						
<b>Languages necessary to complete the course:</b>						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 337						
A	ABS	B	C	D	E	FX
85,16	0,0	11,28	2,67	0,59	0,3	0,0
<b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., prof. RNDr. Miroslav Prokša, CSc., doc. RNDr. Katarína Pavličková, CSc., RNDr. Hubert Žarnovičan, PhD., PaedDr. Anna Drozdíková, PhD., PhDr. Michael Fuchs, Mgr. Milica Križanová, PhD.						
<b>Last change:</b>						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-113/15		<b>Course title:</b> Teaching Practice 3 (A)			
<b>Educational activities:</b> <b>Type of activities:</b> practice <b>Number of hours:</b> <b>per week:</b> 120 <b>per level/semester:</b> 1680 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 206					
A	B	C	D	E	FX
74,76	18,45	4,37	1,46	0,0	0,97
<b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., prof. RNDr. Miroslav Prokša, CSc., PaedDr. Anna Drozdíková, PhD., RNDr. Hubert Žarnovičan, PhD., PhDr. Michael Fuchs					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022						
<b>University:</b> Comenius University Bratislava						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Course ID:</b> PriF.KDPP/N-mUXX-114/15			<b>Course title:</b> Teaching Practice 3 (B)			
<b>Educational activities:</b> <b>Type of activities:</b> practice <b>Number of hours:</b> <b>per week:</b> 120 <b>per level/semester:</b> 1680 <b>Form of the course:</b> on-site learning						
<b>Number of credits:</b> 3						
<b>Recommended semester:</b> 3.						
<b>Educational level:</b> II.						
<b>Prerequisites:</b>						
<b>Course requirements:</b>						
<b>Learning outcomes:</b>						
<b>Class syllabus:</b>						
<b>Recommended literature:</b>						
<b>Languages necessary to complete the course:</b>						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 298						
A	ABS	B	C	D	E	FX
64,77	0,0	23,83	8,05	1,01	2,01	0,34
<b>Lecturers:</b> doc. PaedDr. Elena Čipková, PhD., doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., prof. RNDr. Miroslav Prokša, CSc., PaedDr. Anna Drozdíková, PhD., RNDr. Hubert Žarnovičan, PhD., PhD. Michael Fuchs						
<b>Last change:</b>						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFLKDMFI/2-UXX-841/15		<b>Course title:</b> Teaching Practice in Mathematics (2)			
<b>Educational activities:</b> <b>Type of activities:</b> practice <b>Number of hours:</b> <b>per week:</b> <b>per level/semester:</b> 60s <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 129					
A	B	C	D	E	FX
98,45	0,78	0,78	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Michaela Vargová, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KDMFI/2-UXX-842/15		<b>Course title:</b> Teaching Practice in Mathematics (3)			
<b>Educational activities:</b> <b>Type of activities:</b> practice <b>Number of hours:</b> <b>per week:</b> <b>per level/semester:</b> 90s <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 108					
A	B	C	D	E	FX
94,44	1,85	3,7	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Michaela Vargová, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KZ/N-XXXX-006/21		<b>Course title:</b> Teória druhu			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2., 4.					
<b>Educational level:</b> I., II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 9					
A	B	C	D	E	FX
77,78	11,11	11,11	0,0	0,0	0,0
<b>Lecturers:</b> doc. Mgr. Peter Vďačný, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KDPP/N-mUXX-107/15		<b>Course title:</b> The Art of Presentation and Communication			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1., 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 64					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> RNDr. Peter Likavský, CSc., PaedDr. Tibor Nagy, PhD., RNDr. Soňa Nagyová, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> FMFI.KAG/2-UMA-265/15		<b>Course title:</b> Theory, Algorithms and Graphs Applications			
<b>Educational activities:</b> <b>Type of activities:</b> course <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 4.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 6					
A	B	C	D	E	FX
0,0	0,0	0,0	66,67	33,33	0,0
<b>Lecturers:</b> doc. RNDr. Martin Mačaj, PhD.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022						
<b>University:</b> Comenius University Bratislava						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Course ID:</b> PriF.KDPP/N-mUXX-119/15			<b>Course title:</b> Thesis 1			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 4 <b>per level/semester:</b> 56 <b>Form of the course:</b> on-site learning						
<b>Number of credits:</b> 4						
<b>Recommended semester:</b> 3.						
<b>Educational level:</b> II.						
<b>Prerequisites:</b>						
<b>Course requirements:</b>						
<b>Learning outcomes:</b>						
<b>Class syllabus:</b>						
<b>Recommended literature:</b>						
<b>Languages necessary to complete the course:</b>						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 223						
A	ABS	B	C	D	E	FX
62,33	0,0	15,25	8,07	6,28	5,83	2,24
<b>Lecturers:</b> doc. RNDr. Beáta Brestenská, CSc., doc. PaedDr. Elena Čipková, PhD., PaedDr. Anna Drozdíková, PhD., doc. RNDr. PaedDr. Zuzana Haláková, PhD., doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., PaedDr. Tibor Nagy, PhD., RNDr. Soňa Nagyová, PhD., prof. RNDr. Miroslav Prokša, CSc., doc. RNDr. Andrea Ševčovičová, PhD., doc. RNDr. Eliška Gálová, PhD., doc. Ing. Mária Mečiarová, PhD., RNDr. Jana Chrappová, PhD., doc. RNDr. Jozef Tatiersky, PhD., RNDr. Silvia Kubalová, PhD., doc. RNDr. Zlatica Országhová, CSc., RNDr. Ivan Ružek, PhD., RNDr. Katarína Danielová, PhD., Mgr. Štefan Zolcer, PhD., PhD. ThLic. Peter Ikhardt, PhD., doc. RNDr. Daniel Gurňák, PhD., RNDr. Jana Ciceková, PhD., Mgr. Rastislav Cákoci, PhD.						
<b>Last change:</b>						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022						
<b>University:</b> Comenius University Bratislava						
<b>Faculty:</b> Faculty of Natural Sciences						
<b>Course ID:</b> PriF.KDPP/N-mUXX-120/15			<b>Course title:</b> Thesis 2			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week: 6 per level/semester: 84</b> <b>Form of the course:</b> on-site learning						
<b>Number of credits:</b> 6						
<b>Recommended semester:</b> 4.						
<b>Educational level:</b> II.						
<b>Prerequisites:</b>						
<b>Course requirements:</b>						
<b>Learning outcomes:</b>						
<b>Class syllabus:</b>						
<b>Recommended literature:</b>						
<b>Languages necessary to complete the course:</b>						
<b>Notes:</b>						
<b>Past grade distribution</b> Total number of evaluated students: 222						
A	ABS	B	C	D	E	FX
60,36	0,0	18,92	10,36	2,25	7,66	0,45
<b>Lecturers:</b> doc. RNDr. Beáta Brestenská, CSc., doc. PaedDr. Elena Čipková, PhD., PaedDr. Anna Drozdíková, PhD., doc. RNDr. PaedDr. Zuzana Haláková, PhD., doc. RNDr. Štefan Karolčík, PhD., RNDr. Peter Likavský, CSc., RNDr. Henrieta Mázorová, PhD., PaedDr. Tibor Nagy, PhD., RNDr. Soňa Nagyová, PhD., prof. RNDr. Miroslav Prokša, CSc., doc. RNDr. Andrea Ševčovičová, PhD., doc. RNDr. Eliška Gálová, PhD., doc. Ing. Mária Mečiarová, PhD., RNDr. Jana Chrappová, PhD., doc. RNDr. Jozef Tatiersky, PhD., RNDr. Silvia Kubalová, PhD., doc. RNDr. Zlatica Országhová, CSc., RNDr. Ivan Ružek, PhD., RNDr. Katarína Danielová, PhD., Mgr. Štefan Zolcer, PhD., PhD. ThLic. Peter Ikhardt, PhD., doc. RNDr. Daniel Gurňák, PhD., RNDr. Jana Ciceková, PhD., Mgr. Rastislav Cákoci, PhD.						
<b>Last change:</b>						
<b>Approved by:</b>						

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KTV/N-mUXX-203/10		<b>Course title:</b> Winter physic-educational meeting			
<b>Educational activities:</b> <b>Type of activities:</b> other <b>Number of hours:</b> <b>per week:</b> <b>per level/semester:</b> 7d <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 1					
<b>Recommended semester:</b> 1., 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 167					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> Mgr. Martin Mokošák, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022					
<b>University:</b> Comenius University Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KRGRR/N- mUGE-101/15		<b>Course title:</b> World's regional geography			
<b>Educational activities:</b> <b>Type of activities:</b> lecture / seminar <b>Number of hours:</b> <b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 162					
A	B	C	D	E	FX
16,05	24,69	33,33	16,67	0,62	8,64
<b>Lecturers:</b> doc. RNDr. Daniel Gurnák, PhD., Mgr. Gabriel Zubriczký, PhD., RNDr. Katarína Danielová, PhD.					
<b>Last change:</b> 09.11.2018					
<b>Approved by:</b>					