

Course descriptions

TABLE OF CONTENTS

1. 2-UFY-256/15	Assessment of the Science Education Results.....	3
2. 2-UFY-220/00	Astronomy and Meteorology.....	4
3. 2-UXX-102/15	Cognitive Psychology.....	6
4. 2-UXX-150/00	Communication Training (Seminar).....	7
5. 2-UXX-203/00	Computer Classroom Security.....	8
6. 2-UXX-105/15	Computer-aided Science Laboratory.....	9
7. 2-UXX-212/10	Didactics Also for Non-Didacticians.....	10
8. 2-UMA-951/15	Didactics of Mathematics (state exam).....	11
9. 2-UMA-105/15	Didactics of Mathematics (1).....	12
10. 2-UMA-106/15	Didactics of Mathematics (2).....	13
11. 2-UMA-259/15	Didactics of Mathematics in Praxis (1).....	14
12. 2-UMA-260/15	Didactics of Mathematics in Praxis (2).....	15
13. 2-UFY-961/15	Didactics of Physics (state exam).....	16
14. 2-UFY-104/15	Didactics of Physics (1).....	17
15. 2-UFY-106/15	Didactics of Physics (2).....	18
16. 2-UFY-205/15	Didactics of Physics (3).....	19
17. 2-UMA-151/15	Didactics of Teaching Mathematics in Digital Environment.....	20
18. 2-UXX-991/15	Diploma Thesis Defense (state exam).....	21
19. 2-UXX-937/10	Diploma Thesis in Mathematics Seminar.....	22
20. 2-UXX-933/15	Diploma Thesis in Physics Seminar (1).....	23
21. 2-UXX-934/15	Diploma Thesis in Physics Seminar (2).....	24
22. 2-UFY-212/15	Electronics and Communication for Teachers.....	25
23. 2-UMA-207/15	Elementary Theory of Quadratic Figures.....	26
24. 1-MXX-233/13	English Conversation Course (1).....	27
25. 1-MXX-234/13	English Conversation Course (2).....	28
26. 1-MXX-141/00	French Language (1).....	29
27. 1-MXX-142/00	French Language (2).....	30
28. 1-MXX-241/00	French Language (3).....	31
29. 1-MXX-242/00	French Language (4).....	32
30. 2-UMA-281/15	Fundamental Numerical Methods of Solving Equations.....	33
31. 1-MXX-151/00	German Language (1).....	34
32. 1-MXX-152/00	German Language (2).....	35
33. 1-MXX-251/00	German Language (3).....	36
34. 1-MXX-252/00	German Language (4).....	37
35. 2-UXX-108/00	History of Informatics.....	38
36. 2-UXX-103/00	History of Mathematics.....	39
37. 2-UMA-104/15	Introduction to Didactics of Mathematics.....	40
38. 2-UMA-164/15	Introduction to Graph Theory.....	41
39. 2-UMA-218/11	Mathematical Background of Music.....	42
40. 2-UMA-231/10	Mathematical Competitions and Seminars.....	43
41. 2-UMA-257/15	Methods for Solving Mathematical Tasks (1).....	44
42. 2-UMA-258/15	Methods for Solving Mathematical Tasks (2).....	45
43. 2-UFY-115/15	Methods for Solving Physical Tasks.....	46
44. 2-UMA-114/15	New Pedagogical Approaches in Teaching Not Only Mathematics.....	47
45. 2-UMA-162/15	Non-Euclidean Geometry.....	48
46. 2-UXX-121/15	Pedagogic Diagnostics.....	49
47. 2-UXX-123/15	Pedagogic Research Methodology (1).....	50

48. 2-UXX-124/15	Pedagogic Research Methodology (2).....	51
49. 2-UXX-122/15	Philosophical Anthropology and Axiology.....	52
50. 2-MXX-110/00	Physical Education and Sport (1).....	53
51. 2-MXX-120/00	Physical Education and Sport (2).....	54
52. 2-MXX-210/00	Physical Education and Sport (3).....	55
53. 2-MXX-220/00	Physical Education and Sport (4).....	56
54. 2-UFY-111/15	Practical in Class Experiments in Physics (1).....	57
55. 2-UFY-211/15	Practical in Class Experiments in Physics (2).....	58
56. 2-UFY-165/15	Practical in Class Experiments in Physics (3).....	59
57. 1-MXX-161/00	Russian Language (1).....	60
58. 1-MXX-162/00	Russian Language (2).....	61
59. 1-MXX-261/00	Russian Language (3).....	62
60. 1-MXX-262/00	Russian Language (4).....	63
61. 2-UMA-111/15	Selected Parts of Mathematical Analysis (1).....	64
62. 2-UMA-112/15	Selected Parts of Mathematical Analysis (2).....	65
63. 2-UMA-263/15	Selected Topics in Algebra.....	66
64. 2-UMA-283/15	Selected Topics in Teaching of Mathematics (1).....	67
65. 2-UMA-211/15	Seminar in History of Mathematics (1).....	68
66. 2-UMA-212/15	Seminar in History of Mathematics (2).....	69
67. 2-UMA-115/15	Set Theory.....	70
68. 1-MXX-115/15	Sports in Nature (1).....	71
69. 1-MXX-115/15	Sports in Nature (1).....	72
70. 1-MXX-215/15	Sports in Nature (2).....	73
71. 1-MXX-215/15	Sports in Nature (2).....	74
72. 2-UXX-841/15	Teaching Practice in Mathematics (2).....	75
73. 2-UXX-842/15	Teaching Practice in Mathematics (3).....	76
74. 2-UXX-821/15	Teaching Practice in Physics (2).....	77
75. 2-UXX-822/15	Teaching Practice in Physics (3).....	78
76. 2-UFY-101/15	Theoretical Physics (1).....	79
77. 2-UFY-102/15	Theoretical Physics (2).....	80
78. 2-UFY-253/15	Theoretical Physics (3).....	81
79. 2-UMA-265/15	Theory, Algorithms and Graphs Applications.....	82
80. 2-UMA-251/00	Unconventional Methods of Teaching (1).....	83
81. 2-UMA-252/00	Unconventional Methods of Teaching (2).....	84
82. 2-UIN-247/15	Web Technologies in Teaching.....	85

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KTFDF/2-UFY-256/15		Course title: Assessment of the Science Education Results			
Educational activities: Type of activities: course Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: II., N					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 10					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Peter Demkanin, PhD., PaedDr. Soňa Chalupková, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KAFZM/2-UFY-220/00		Course title: Astronomy and Meteorology			
Educational activities: Type of activities: lecture / practicals Number of hours: per week: 2 / 1 per level/semester: 28 / 14 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: History of astronomy, spherical astronomy (coordinate systems, stellar aberration, parallax, refraction), Solar system (Sun, planets, dwarf planets, comets, asteroids, meteors), origin and evolution of stars (Jeans critical mass, H-R diagram, nucleogenesis of elements, final evolution stages of stars), galactic astronomy, cosmology. Subject of meteorology, basic conceptions, role and organization of meteorological service. Basic meteorological elements and instrumentation of meteorological station. State equation, principal statics equation, barometric formula. Condensation and sublimation of water vapour. Adiabatic and pseudoadiabatic phenomenons. Thermal stratification. General circulation. Air masses. Atmospheric fronts. Pressure systems. Weather predictions. Human influence on climate.					
Recommended literature: Vanýsek V. 1980, Základy astronómie a astrofyziky, Academia Praha Beatty J. K., Petersen C. C., Chaikin A. eds.: 1999, The New Solar System, Sky Publ. Corp. and Cambridge Univ. Press Netopil, R. a kol.: Fysická geografie 1. SPN, Praha, 1984, 272 s. Zverev, A. S.: Synoptická meteorológia. Alfa, Bratislava, 1986, 711 s. Munzar, J. a kol.: Malý průvodce meteorologií. Praha, 1989, 248 s. Bednář, J.: Meteorologie. Portál, s.r.o., Praha, 2003, 224 s., ISBN 80-7178-653-5 Glossary of meteorology. Second edition. American Meteorological Society, Boston, 2000, 855 s., ISBN 1-878220-34-9					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 38					
A	B	C	D	E	FX
73,68	15,79	10,53	0,0	0,0	0,0

Lecturers: RNDr. Marián Melo, PhD., doc. RNDr. Juraj Tóth, PhD.
Last change: 02.06.2015
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAI/2-UXX-102/15		Course title: Cognitive Psychology			
Educational activities: Type of activities: course Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAI/2-UXX-102/00					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 23					
A	B	C	D	E	FX
47,83	39,13	0,0	4,35	0,0	8,7
Lecturers: doc. PhDr. Ján Rybár, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAI/2-UXX-150/00		Course title: Communication Training (Seminar)			
Educational activities: Type of activities: seminar Number of hours: per week: 3 per level/semester: 42 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: II., N					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 28					
A	B	C	D	E	FX
85,71	3,57	7,14	0,0	3,57	0,0
Lecturers: doc. RNDr. Martin Takáč, PhD.					
Last change: 23.09.2017					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KZVI+KEF/2- UXX-203/00		Course title: Computer Classroom Security			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 23					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Miroslav Wagner					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KTFDF/2-UXX-105/15		Course title: Computer-aided Science Laboratory			
Educational activities: Type of activities: course Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: II., N					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 31					
A	B	C	D	E	FX
93,55	3,23	3,23	0,0	0,0	0,0
Lecturers: doc. RNDr. Peter Demkanin, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KAGDM/2- UXX-212/10		Course title: Didactics Also for Non-Didacticians			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 13					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Barbora Kamrlová, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

STATE EXAM DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KAGDM/2- UMA-951/15	Course title: Didactics of Mathematics
Number of credits: 3	
Educational level: II.	
State exam syllabus:	
Last change: 28.02.2017	
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.	

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM/2- UMA-105/15		Course title: Didactics of Mathematics (1)			
Educational activities: Type of activities: course Number of hours: per week: 4 per level/semester: 56 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAGDM/2-UMA-105/00					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 227					
A	B	C	D	E	FX
74,45	15,86	4,85	3,08	0,88	0,88
Lecturers: doc. RNDr. Štefan Solčan, CSc., PaedDr. Iveta Kohanová, PhD., Mgr. Michaela Vargová, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM/2- UMA-106/15		Course title: Didactics of Mathematics (2)			
Educational activities: Type of activities: seminar Number of hours: per week: 3 per level/semester: 42 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAGDM/2-UMA-106/00					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 214					
A	B	C	D	E	FX
85,98	10,28	2,34	0,93	0,47	0,0
Lecturers: prof. RNDr. Pavol Zlatoš, PhD., PaedDr. Iveta Kohanová, PhD., Mgr. Michaela Vargová, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KAGDM+KMANM/2- UMA-259/15		Course title: Didactics of Mathematics in Praxis (1)			
Educational activities: Type of activities: seminar Number of hours: per week: 3 per level/semester: 42 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 22					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Zbyněk Kubáček, CSc., Mgr. Jana Fraasová, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KAGDM/2- UMA-260/15		Course title: Didactics of Mathematics in Praxis (2)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 15					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Zbyněk Kubáček, CSc., Mgr. Jana Fraasová, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

STATE EXAM DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFL.KTFDF/2-UFY-961/15	Course title: Didactics of Physics
Number of credits: 3	
Educational level: II., N	
State exam syllabus:	
Last change: 02.06.2015	
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.	

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KTFDF/2-UFY-104/15		Course title: Didactics of Physics (1)			
Educational activities: Type of activities: course Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1.					
Educational level: II., N					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 25					
A	B	C	D	E	FX
64,0	24,0	12,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Peter Demkanin, PhD., PaedDr. Soňa Chalupková, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KTFDF/2-UFY-106/15		Course title: Didactics of Physics (2)			
Educational activities: Type of activities: lecture / practicals Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2.					
Educational level: II., N					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 13					
A	B	C	D	E	FX
84,62	15,38	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Peter Demkanin, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KTFDF/2-UFY-205/15		Course title: Didactics of Physics (3)			
Educational activities: Type of activities: lecture / practicals Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 13					
A	B	C	D	E	FX
84,62	15,38	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Viera Lapitková, CSc.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM/2- UMA-151/15		Course title: Didactics of Teaching Mathematics in Digital Environment			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAGDM/2-UMA-151/00					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 173					
A	B	C	D	E	FX
78,61	9,83	5,2	2,31	4,05	0,0
Lecturers: doc. PaedDr. Monika Tomcsányiová, PhD., RNDr. Monika Dillingerová, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

STATE EXAM DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFL.KAGDM+KTFDF +KZVI/2-UXX-991/15	Course title: Diploma Thesis Defense
Number of credits: 14	
Educational level: II.	
State exam syllabus:	
Last change: 02.06.2015	
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.	

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KAGDM/2- UXX-937/10		Course title: Diploma Thesis in Mathematics Seminar			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 46					
A	B	C	D	E	FX
50,0	21,74	15,22	6,52	4,35	2,17
Lecturers: RNDr. Monika Dillingerová, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KTFDF/2-UXX-933/15		Course title: Diploma Thesis in Physics Seminar (1)			
Educational activities: Type of activities: seminar Number of hours: per week: 1 per level/semester: 14 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 11					
A	B	C	D	E	FX
90,91	0,0	9,09	0,0	0,0	0,0
Lecturers: doc. RNDr. Viera Lapitková, CSc.					
Last change:					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KTFDF/2-UXX-934/15		Course title: Diploma Thesis in Physics Seminar (2)			
Educational activities: Type of activities: seminar Number of hours: per week: 1 per level/semester: 14 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 11					
A	B	C	D	E	FX
90,91	0,0	9,09	0,0	0,0	0,0
Lecturers: doc. RNDr. Peter Demkanin, PhD.					
Last change:					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KTFDF/2-UFY-212/15		Course title: Electronics and Communication for Teachers			
Educational activities: Type of activities: course Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 13					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. František Kundracik, CSc.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM/2- UMA-207/15		Course title: Elementary Theory of Quadratic Figures			
Educational activities: Type of activities: course Number of hours: per week: 3 per level/semester: 42 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAGDM/2-UMA-207/10					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 192					
A	B	C	D	E	FX
29,69	18,23	17,19	16,67	15,1	3,13
Lecturers: RNDr. Barbora Pokorná, PhD., RNDr. Martina Bátorová, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KJP/1-MXX-233/13		Course title: English Conversation Course (1)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 3.					
Educational level: I., II.					
Prerequisites:					
Course requirements: Scale of assessment (preliminary/final): 100/0					
Learning outcomes:					
Class syllabus: The content of the course is general English. The language level is B2/C1 (Upper-Intermediate/Lower Advanced).					
Recommended literature: Selection of materials from Inside Out Upper-Intermediate, Cutting Edge Upper-Intermediate, New English File Upper-Intermediate, British and American newspapers and journals Recordings: authentic and semi-authentic (source: BBC, CNN, coursebook recordings)					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 135					
A	B	C	D	E	FX
58,52	18,52	9,63	2,22	1,48	9,63
Lecturers: PhDr. Elena Klátiková					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KJP/1-MXX-234/13		Course title: English Conversation Course (2)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2., 4.					
Educational level: I., II.					
Prerequisites:					
Course requirements: Scale of assessment (preliminary/final): 100/0					
Learning outcomes:					
Class syllabus: The course is a follow-up to the Conversation Course in English (1). The content of the course is general English. The language level is B2/C1 (Upper-Intermediate/Lower Advanced).					
Recommended literature: Selection of materials from Inside Out Upper-Intermediate, Cutting Edge Upper-Intermediate, New English File Upper-Intermediate, British and American newspapers and journals Recordings: authentic and semi-authentic (source: BBC, CNN, coursebook recordings)					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 62					
A	B	C	D	E	FX
67,74	19,35	4,84	0,0	0,0	8,06
Lecturers: PhDr. Elena Klátiková					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KJP/1-MXX-141/00		Course title: French Language (1)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: French language is taught at two levels: beginner and intermediate. Students opt for one of them depending on whether they wish to obtain the fundamentals of the language or wish to maintain and/or improve previous knowledge of French.					
Recommended literature: Pravda, Pravdová: Učebnica francúzštiny pre samoukov a kurzy, SPN Bratislava 1999, ISBN 80-08-00431-2					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 374					
A	B	C	D	E	FX
39,84	22,19	21,66	10,16	2,14	4,01
Lecturers: Mgr. Pavel Vilášek, Mgr. Ľubomíra Kožehubová					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KJP/1-MXX-142/00		Course title: French Language (2)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: The subject continues the program of French language (1) and provides courses of essential and intermediate French language.					
Recommended literature: Pravda, Pravdová: Učebnica francúzštiny pre samoukov a kurzy, SPN Bratislava 1999, ISBN 80-08-00431-2 Blažena Srncová: Učebnica francúzštiny pre študentov Matematicko-fyzikálnej fakulty , UK 1983 Kolektív Lingea, s.r.o.: Slovensko-francúzsky hovorník, Bratislava 2008					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 237					
A	B	C	D	E	FX
34,18	27,85	21,52	11,39	2,53	2,53
Lecturers: Mgr. Pavel Vilášek, Mgr. Ľubomíra Kožehubová					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KJP/1-MXX-241/00		Course title: French Language (3)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: The subject provides a course of intermediate French language, covering not only general, but also technical language.					
Recommended literature: Pravda, Pravdová: Učebnica francúzštiny pre samoukov a kurzy, SPN Bratislava 1999, ISBN 80-08-00431-2 Blažena Srncová: Učebnica francúzštiny pre študentov Matematicko-fyzikálnej fakulty , UK 1983 Kolektív Lingea, s.r.o.: Slovensko-francúzsky hovorník, Bratislava 2008					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 93					
A	B	C	D	E	FX
33,33	30,11	23,66	7,53	1,08	4,3
Lecturers: Mgr. Pavel Vilášek, Mgr. Ľubomíra Kožehubová					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KJP/1-MXX-242/00		Course title: French Language (4)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: The subject provides a course of intermediate French covering not only general, but also technical French language.					
Recommended literature: Pravda, Pravdová: Učebnica francúzštiny pre samoukov a kurzy, SPN Bratislava 1999, ISBN 80-08-00431-2 Blažena Srncová: Učebnica francúzštiny pre študentov Matematicko-fyzikálnej fakulty , UK 1983 Kolektív Lingea, s.r.o.: Slovensko-francúzsky hovorník, Bratislava 2008 Zarha Lahmidi: Sciences-techniques.com, ISBN 209-0331186-0, CLE international, 2005					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 63					
A	B	C	D	E	FX
31,75	38,1	20,63	3,17	1,59	4,76
Lecturers: Mgr. Pavel Vilášek, Mgr. Ľubomíra Kožehubová					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM/2- UMA-281/15		Course title: Fundamental Numerical Methods of Solving Equations			
Educational activities: Type of activities: course Number of hours: per week: 3 per level/semester: 42 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KMANM/2-UMA-281/00					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 17					
A	B	C	D	E	FX
52,94	29,41	5,88	11,76	0,0	0,0
Lecturers: doc. RNDr. Pavol Chocholatý, CSc.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KJP/1-MXX-151/00		Course title: German Language (1)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: German language is taught at three levels: beginner, intermediate and advanced. Students opt for one of them depending on whether they need to learn the fundamentals or maintain and/or improve their previous knowledge.					
Recommended literature: Vilášek, P.: Nemčina pre študentov FMFI, Na webovej stránke autora v elektronickej podobe.					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 648					
A	B	C	D	E	FX
31,94	29,17	21,3	10,03	2,93	4,63
Lecturers: Mgr. Pavel Vilášek, Mgr. Alexandra Maďarová					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KJP/1-MXX-152/00		Course title: German Language (2)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: The course continues the program of German language (1). German language is taught at three levels: beginner, intermediate, advanced.					
Recommended literature: Vilášek, P.: Nemčina pre študentov FMFI, Na webovej stránke autora v elektronickej podobe.					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 408					
A	B	C	D	E	FX
29,17	22,06	23,77	14,95	3,68	6,37
Lecturers: Mgr. Pavel Vilášek, Mgr. Alexandra Maďarová					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KJP/1-MXX-251/00		Course title: German Language (3)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: The subject continues the program of German language (2). It provides a course of intermediate and advanced German language.					
Recommended literature: Vilášek, P.: Nemčina pre študentov FMFI, Na webovej stránke autora v elektronickej podobe. Aus moderner Technik und Naturwissenschaft, 1999, Max Hueber Verlag, D-85737, ISBN 3-19-001629-1					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 148					
A	B	C	D	E	FX
38,51	27,03	22,3	6,76	2,7	2,7
Lecturers: Mgr. Pavel Vilášek, Mgr. Alexandra Maďarová					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KJP/1-MXX-252/00		Course title: German Language (4)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: The subject continues the program of German language (3). It provides a course of intermediate and advanced German language.					
Recommended literature: Vilášek, P.: Nemčina pre študentov FMFI, Na webovej stránke autora v elektronickej podobe. Vilma Václavíková: Nemčina pre študentov MFF UK, Vysokoškolský učebný text pre potrebu študentov KJP, č. 9793/1982 C VIII/2, 1983					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 78					
A	B	C	D	E	FX
35,9	28,21	14,1	12,82	3,85	5,13
Lecturers: Mgr. Pavel Vilášek, Mgr. Alexandra Maďarová					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KZVI/2-UXX-108/00		Course title: History of Informatics			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 51					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: RNDr. Michal Winczer, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KAGDM/2- UXX-103/00		Course title: History of Mathematics			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 43					
A	B	C	D	E	FX
79,07	4,65	13,95	0,0	0,0	2,33
Lecturers: prof. RNDr. Ladislav Kvasz, Dr.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KAGDM/2- UMA-104/15		Course title: Introduction to Didactics of Mathematics			
Educational activities: Type of activities: seminar Number of hours: per week: 3 per level/semester: 42 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 60					
A	B	C	D	E	FX
93,33	3,33	1,67	1,67	0,0	0,0
Lecturers: prof. RNDr. Pavol Zlatoš, PhD., PaedDr. Mária Slavíčková, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM+KI/2- UMA-164/15		Course title: Introduction to Graph Theory			
Educational activities: Type of activities: course Number of hours: per week: 3 per level/semester: 42 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAGDM/1-UMA-311/00					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 37					
A	B	C	D	E	FX
86,49	10,81	0,0	0,0	2,7	0,0
Lecturers: doc. RNDr. Eduard Toman, CSc., RNDr. Jana Tomanová, CSc.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KAGDM/2- UMA-218/11		Course title: Mathematical Background of Music			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 7					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: PaedDr. Mária Slavíčková, PhD.					
Last change:					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KAGDM/2- UMA-231/10		Course title: Mathematical Competitions and Seminars			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 60					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: PaedDr. Peter Vankúš, PhD.					
Last change: 24.04.2017					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM/2- UMA-257/15		Course title: Methods for Solving Mathematical Tasks (1)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAGDM/2-UMA-257/00					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 167					
A	B	C	D	E	FX
97,01	0,6	0,6	0,6	0,0	1,2
Lecturers: doc. RNDr. Juraj Činčura, CSc., PaedDr. Mária Slavíčková, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM/2- UMA-258/15		Course title: Methods for Solving Mathematical Tasks (2)			
Educational activities: Type of activities: seminar Number of hours: per week: 3 per level/semester: 42 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAGDM/2-UMA-258/00					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 149					
A	B	C	D	E	FX
91,28	4,7	2,68	1,34	0,0	0,0
Lecturers: doc. RNDr. Štefan Solčan, CSc., PaedDr. Mária Slavičková, PhD., RNDr. Monika Dillingerová, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KTFDF/2-UFY-115/15		Course title: Methods for Solving Physical Tasks			
Educational activities: Type of activities: seminar Number of hours: per week: 3 per level/semester: 42 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2.					
Educational level: II., N					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 20					
A	B	C	D	E	FX
95,0	5,0	0,0	0,0	0,0	0,0
Lecturers: doc. PaedDr. Klára Velmovská, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM/2- UMA-114/15		Course title: New Pedagogical Approaches in Teaching Not Only Mathematics			
Educational activities: Type of activities: seminar Number of hours: per week: 3 per level/semester: 42 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAGDM/2-UXX-113/10					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 16					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: RNDr. Monika Dillingerová, PhD.					
Last change:					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM/2- UMA-162/15		Course title: Non-Euclidean Geometry			
Educational activities: Type of activities: course Number of hours: per week: 3 per level/semester: 42 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAGDM/2-UMA-162/00					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 71					
A	B	C	D	E	FX
84,51	2,82	7,04	4,23	1,41	0,0
Lecturers: RNDr. Marianna Polednová, CSc.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI-Prif.KDPP/2- UXX-121/15		Course title: Pedagogic Diagnostics			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI-PriF.KDPP/2-UXX-121/10					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 185					
A	B	C	D	E	FX
54,59	25,41	18,38	1,08	0,54	0,0
Lecturers: PhDr. Helena Hrubíšková, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KZVI+KAGDM/2-UXX-123/15		Course title: Pedagogic Research Methodology (1)			
Educational activities: Type of activities: course Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: II., N					
Prerequisites:					
Antirequisites: FMFI.KAGDM+KZVI/2-UXX-123/10					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 136					
A	B	C	D	E	FX
75,74	13,97	5,88	0,0	2,94	1,47
Lecturers: PaedDr. Mária Slavíčková, PhD., Mgr. Karolína Mayerová, PhD.					
Last change: 08.06.2017					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KZVI/2-UXX-124/15		Course title: Pedagogic Research Methodology (2)			
Educational activities: Type of activities: course Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 24					
A	B	C	D	E	FX
70,83	4,17	4,17	4,17	4,17	12,5
Lecturers: Mgr. Karolína Mayerová, PhD., PaedDr. Mária Slavíčková, PhD.					
Last change: 08.06.2017					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI-PriF.KDPP/2-UXX-122/15		Course title: Philosophical Anthropology and Axiology			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI-PriF.KDPP/2-UXX-122/10					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 105					
A	B	C	D	E	FX
78,1	21,9	0,0	0,0	0,0	0,0
Lecturers: Mgr. Štefan Zolcer, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KTV/2-MXX-110/00		Course title: Physical Education and Sport (1)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: Practicing of the students’ game skills in collective sports: basketball, volleyball, football, floorball and hockey. Mastering of the basic technique of a particular sport discipline in other sports. In paddling, basic training on still and slightly flowing water. Development of coordination skills, improvement of articular mobility and cardiovascular system.					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1329					
A	B	C	D	E	FX
99,1	0,6	0,0	0,0	0,0	0,3
Lecturers: PaedDr. Dana Mašlejová, Mgr. Ladislav Mókus, Mgr. Ondrej Podkonický, doc. PhDr. Vojtech Potočný, CSc., Mgr. Jana Leginusová, Mgr. Tomáš Kuchár, PhD., PaedDr. Mikuláš Ortutay, Mgr. Martin Dovičák, Mgr. Júlia Raábová, PhD., Mgr. Branislav Nedbálek					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KTV/2-MXX-120/00		Course title: Physical Education and Sport (2)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: Practicing of offensive and defensive game combinations and playing with modified rules in collective sports such as basketball, volleyball, football, floorball, hockey. Command of elements of higher difficulty in locomotion skills (swimming - crawl stroke, breast stroke, butterfly stroke, trampoline jumping and aerobics – practicing of areobics compositions, bodybuilding – development of the main muscle groups, paddling on running water. Testing of the level of physical fitness and coordination skills.					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1223					
A	B	C	D	E	FX
99,84	0,08	0,0	0,0	0,0	0,08
Lecturers: Mgr. Martin Dovičák, Mgr. Tomáš Kuchár, PhD., Mgr. Jana Leginusová, PaedDr. Dana Mašlejová, Mgr. Ladislav Mókus, Mgr. Branislav Nedbálek, PaedDr. Mikuláš Ortutay, Mgr. Ondrej Podkonický, doc. PhDr. Vojtech Potočný, CSc., Mgr. Júlia Raábová, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KTV/2-MXX-210/00		Course title: Physical Education and Sport (3)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: To improve offensive and defensive game combinations in collective sports. Practicing of tactical and technical elements in individual sports. Compensatory exercises to correct wrong body posture. Stretching. Competition rules in sport disciplines.					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 992					
A	B	C	D	E	FX
99,4	0,4	0,0	0,0	0,0	0,2
Lecturers: PaedDr. Dana Mašlejová, Mgr. Ladislav Mókus, Mgr. Ondrej Podkonický, doc. PhDr. Vojtech Potočný, CSc., Mgr. Jana Leginusová, Mgr. Tomáš Kuchár, PhD., PaedDr. Mikuláš Ortutay, Mgr. Martin Dovičák, Mgr. Júlia Raábová, PhD., Mgr. Branislav Nedbálek					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KTV/2-MXX-220/00		Course title: Physical Education and Sport (4)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: Sport training for Faculty Championships in a selected sport with modified rules. Selection of sport-talented students into teams of the Faculty Sport League, University League of Bratislava Faculties, and participation in sport events of the Faculty and University.					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 868					
A	B	C	D	E	FX
99,31	0,46	0,0	0,0	0,12	0,12
Lecturers: PaedDr. Dana Mašlejová, Mgr. Ladislav Mókus, Mgr. Ondrej Podkonický, doc. PhDr. Vojtech Potočný, CSc., Mgr. Jana Leginusová, Mgr. Tomáš Kuchár, PhD., PaedDr. Mikuláš Ortutay, Mgr. Martin Dovičák, Mgr. Branislav Nedbálek					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KTFDF/2-UFY-111/15		Course title: Practical in Class Experiments in Physics (1)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: II., N					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 24					
A	B	C	D	E	FX
91,67	8,33	0,0	0,0	0,0	0,0
Lecturers: PaedDr. Peter Horváth, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KTFDF/2-UFY-211/15		Course title: Practical in Class Experiments in Physics (2)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 14					
A	B	C	D	E	FX
85,71	7,14	0,0	0,0	7,14	0,0
Lecturers: PaedDr. Soňa Chalupková, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KTFDF/2-UFY-165/15		Course title: Practical in Class Experiments in Physics (3)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 17					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: PaedDr. Peter Horváth, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KJP/1-MXX-161/00		Course title: Russian Language (1)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: The subject provides a course in Russian language for beginners.					
Recommended literature: The textbook has not been published. It is at students' disposal in an electronic format.					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 642					
A	B	C	D	E	FX
60,9	16,2	9,66	4,83	1,71	6,7
Lecturers: PhDr. Elena Klátiková					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KJP/1-MXX-162/00		Course title: Russian Language (2)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: The subject continues the program of Russian language (1) and provides a course of Russian for beginners.					
Recommended literature: The textbook has not been published. It is at students' disposal in an electronic format.					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 389					
A	B	C	D	E	FX
65,81	16,2	9,0	3,34	1,03	4,63
Lecturers: PhDr. Elena Klátiková					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KJP/1-MXX-261/00		Course title: Russian Language (3)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: The course "Russian for Intermediate Students" is a follow-up to "Russian for Beginners". The subject of the course is general Russian in the range appropriate to the given level.					
Recommended literature: The textbook has not been published. It is at students' disposal in an electronic format.					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 191					
A	B	C	D	E	FX
70,68	17,28	8,38	2,62	0,0	1,05
Lecturers: PhDr. Elena Klátiková					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KJP/1-MXX-262/00		Course title: Russian Language (4)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus: The course "Russian for Intermediate Students" is a follow-up to "Russian for Beginners". The subject of the course is general Russian in the range appropriate to the given level.					
Recommended literature: The textbook has not been published. It is at students' disposal in an electronic format.					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 130					
A	B	C	D	E	FX
73,85	13,85	7,69	3,08	0,77	0,77
Lecturers: PhDr. Elena Klátiková					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KMANM/2- UMA-111/15		Course title: Selected Parts of Mathematical Analysis (1)			
Educational activities: Type of activities: course Number of hours: per week: 4 per level/semester: 56 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAGDM/2-UMA-111/00					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 224					
A	B	C	D	E	FX
31,25	22,32	18,3	16,96	11,16	0,0
Lecturers: doc. RNDr. Ivan Kupka, CSc.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM/2- UMA-112/15		Course title: Selected Parts of Mathematical Analysis (2)			
Educational activities: Type of activities: course Number of hours: per week: 3 per level/semester: 42 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAGDM/2-UMA-112/00					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 195					
A	B	C	D	E	FX
36,41	15,38	17,44	12,31	17,95	0,51
Lecturers: doc. RNDr. Ivan Kupka, CSc.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM/2- UMA-263/15		Course title: Selected Topics in Algebra			
Educational activities: Type of activities: course Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAGDM/1-UMA-202/00					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 0					
A	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Juraj Činčura, CSc., RNDr. Jana Tomanová, CSc., Mgr. Martin Niepel, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM/2- UMA-283/15		Course title: Selected Topics in Teaching of Mathematics (1)			
Educational activities: Type of activities: seminar Number of hours: per week: 3 per level/semester: 42 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAGDM/2-UMA-283/10					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 51					
A	B	C	D	E	FX
68,63	15,69	5,88	5,88	1,96	1,96
Lecturers: doc. RNDr. Štefan Solčan, CSc., RNDr. Monika Dillingerová, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KMANM/2- UMA-211/15		Course title: Seminar in History of Mathematics (1)			
Educational activities: Type of activities: seminar Number of hours: per week: 3 per level/semester: 42 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 39					
A	B	C	D	E	FX
58,97	28,21	10,26	2,56	0,0	0,0
Lecturers: doc. RNDr. Zbyněk Kubáček, CSc.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KAGDM/2- UMA-212/15		Course title: Seminar in History of Mathematics (2)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 39					
A	B	C	D	E	FX
89,74	7,69	0,0	2,56	0,0	0,0
Lecturers: doc. RNDr. Zbyněk Kubáček, CSc.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM/2- UMA-115/15		Course title: Set Theory			
Educational activities: Type of activities: course Number of hours: per week: 3 per level/semester: 42 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAGDM/2-UMA-115/00					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 212					
A	B	C	D	E	FX
26,89	16,51	21,7	16,04	17,92	0,94
Lecturers: prof. RNDr. Pavol Zlatoš, PhD., RNDr. Martin Sleziak, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KTV/1-MXX-115/15		Course title: Sports in Nature (1)			
Educational activities: Type of activities: Number of hours: per week: per level/semester: Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 171					
A	B	C	D	E	FX
99,42	0,0	0,58	0,0	0,0	0,0
Lecturers: Mgr. Martin Dovičák, Mgr. Tomáš Kuchár, PhD., Mgr. Jana Leginusová, PaedDr. Dana Mašlejová, Mgr. Ladislav Mókus, Mgr. Ondrej Podkonický					
Last change: 25.05.2016					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KTV/1-MXX-115/15		Course title: Sports in Nature (1)			
Educational activities: Type of activities: Number of hours: per week: per level/semester: Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 171					
A	B	C	D	E	FX
99,42	0,0	0,58	0,0	0,0	0,0
Lecturers: Mgr. Martin Dovičák, Mgr. Tomáš Kuchár, PhD., Mgr. Jana Leginusová, PaedDr. Dana Mašlejová, Mgr. Ladislav Mókus, Mgr. Ondrej Podkonický					
Last change: 25.05.2016					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KTV/1-MXX-215/15		Course title: Sports in Nature (2)			
Educational activities: Type of activities: Number of hours: per week: per level/semester: Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 94					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Martin Dovičák, Mgr. Tomáš Kuchár, PhD., Mgr. Jana Leginusová, PaedDr. Dana Mašlejová, Mgr. Ladislav Mókus, Mgr. Ondrej Podkonický					
Last change: 25.05.2016					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhD. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KTV/1-MXX-215/15		Course title: Sports in Nature (2)			
Educational activities: Type of activities: Number of hours: per week: per level/semester: Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 94					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Martin Dovičák, Mgr. Tomáš Kuchár, PhD., Mgr. Jana Leginusová, PaedDr. Dana Mašlejová, Mgr. Ladislav Mókus, Mgr. Ondrej Podkonický					
Last change: 25.05.2016					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KAGDM/2- UXX-841/15		Course title: Teaching Practice in Mathematics (2)			
Educational activities: Type of activities: practice Number of hours: per week: per level/semester: 60s Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 156					
A	B	C	D	E	FX
94,23	0,64	3,85	0,0	1,28	0,0
Lecturers: PaedDr. Iveta Kohanová, PhD., Mgr. Michaela Vargová, PhD.					
Last change:					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM/2- UXX-842/15		Course title: Teaching Practice in Mathematics (3)			
Educational activities: Type of activities: practice Number of hours: per week: per level/semester: 90s Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 168					
A	B	C	D	E	FX
87,5	5,36	4,17	2,38	0,6	0,0
Lecturers: PaedDr. Iveta Kohanová, PhD., Mgr. Michaela Vargová, PhD.					
Last change:					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KTFDF/2-UXX-821/15		Course title: Teaching Practice in Physics (2)			
Educational activities: Type of activities: practice Number of hours: per week: per level/semester: 60s Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II., N					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 14					
A	B	C	D	E	FX
92,86	7,14	0,0	0,0	0,0	0,0
Lecturers: PaedDr. Peter Horváth, PhD.					
Last change:					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KTFDF/2-UXX-822/15		Course title: Teaching Practice in Physics (3)			
Educational activities: Type of activities: practice Number of hours: per week: per level/semester: 90s Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 3.					
Educational level: II., N					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 13					
A	B	C	D	E	FX
92,31	7,69	0,0	0,0	0,0	0,0
Lecturers: PaedDr. Peter Horváth, PhD.					
Last change:					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KTFDF/2-UFY-101/15		Course title: Theoretical Physics (1)			
Educational activities: Type of activities: lecture / practicals Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 24					
A	B	C	D	E	FX
79,17	8,33	8,33	4,17	0,0	0,0
Lecturers: prof. RNDr. Anna Dubníčková, DrSc.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KTFDF/2-UFY-102/15		Course title: Theoretical Physics (2)			
Educational activities: Type of activities: lecture / practicals Number of hours: per week: 2 / 1 per level/semester: 28 / 14 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 13					
A	B	C	D	E	FX
69,23	30,77	0,0	0,0	0,0	0,0
Lecturers: prof. RNDr. Anna Dubníčková, DrSc.					
Last change:					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KTFDF/2-UFY-253/15		Course title: Theoretical Physics (3)			
Educational activities: Type of activities: lecture / practicals Number of hours: per week: 2 / 1 per level/semester: 28 / 14 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 11					
A	B	C	D	E	FX
45,45	9,09	9,09	0,0	36,36	0,0
Lecturers: prof. RNDr. Anna Dubníčková, DrSc., RNDr. Eduard Masár, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAGDM/2- UMA-265/15		Course title: Theory, Algorithms and Graphs Applications			
Educational activities: Type of activities: course Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KAGDM/2-UMA-265/00					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 23					
A	B	C	D	E	FX
47,83	8,7	8,7	8,7	21,74	4,35
Lecturers: doc. RNDr. Martin Mačaj, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KAGDM/2- UMA-251/00		Course title: Unconventional Methods of Teaching (1)			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 131					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Viera Uherčíková, CSc.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFL.KAGDM/2- UMA-252/00		Course title: Unconventional Methods of Teaching (2)			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 152					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Viera Uherčíková, CSc.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					

COURSE DESCRIPTION

University: Comenius University in Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KZVI+KAI/2- UIN-247/15		Course title: Web Technologies in Teaching			
Educational activities: Type of activities: course Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Antirequisites: FMFI.KZVI+KAI/2-UIN-247/10					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 29					
A	B	C	D	E	FX
96,55	0,0	0,0	0,0	0,0	3,45
Lecturers: doc. RNDr. Zuzana Kubincová, PhD., RNDr. Martin Homola, PhD.					
Last change: 02.06.2015					
Approved by: doc. RNDr. Zbyněk Kubáček, CSc., doc. RNDr. Peter Demkanin, PhD., prof. PhDr. Mária Potočárová, PhD.					