

Course descriptions

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COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KDMFI/2-UIN-120/00		Course title: Didactics of Informatics (1)			
Educational activities: Type of activities: course Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2.					
Educational level: D, II.					
Prerequisites:					
Course requirements: Continuous assessment: premium tasks, written assignments, active participation in class, reports, didactic outputs, development and analysis of methodological materials. Indicative grading scale: A 92 %, B 84 %, C 76 %, D 68 %, E 60 %					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 104					
A	B	C	D	E	FX
83,65	6,73	2,88	5,77	0,96	0,0
Lecturers: prof. RNDr. Ivan Kalaš, PhD.					
Last change: 22.06.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KAG+KDMFI/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: 52 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 2.					
Educational level: D, 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: 135					
A	B	C	D	E	FX
70,37	17,78	8,15	2,96	0,0	0,74
Lecturers: doc. PaedDr. Mária Slavíčková, PhD.					
Last change: 02.06.2015					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFLKDMFI/2- pUXX-901/20		Course title: Diploma Thesis Project			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 0					
Recommended semester: 2.					
Educational level: D					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 8					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. PaedDr. Monika Tomcsányiová, PhD., doc. RNDr. Peter Demkanin, PhD., doc. RNDr. Zbyněk Kubáček, CSc.					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFLKDMFI/2- pUXX-135/21		Course title: Educational Research and Educational Diagnostics			
Educational activities: Type of activities: course Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: D					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 3					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Lucia Budinská, PhD.					
Last change: 15.09.2021					
Approved by:					

STATE EXAM DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFLKDMFI/2- pUXX-951/19	Course title: General Pedagogy
Number of credits: 0	
Educational level: D	
State exam syllabus:	
Last change: 29.11.2019	
Approved by:	

COURSE DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/1-UFY-220/15	Course title: Introduction to School Experiments
Educational activities: Type of activities: lecture / laboratory practicals Number of hours: per week: 2 / 2 per level/semester: 26 / 26 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 2.	
Educational level: D, I.	
Prerequisites:	
Course requirements: Continuous assessment: written test (10 marks), individual work projects (2x20 marks), practical test (10 marks) Exam: oral (40 marks) Indicative assessment scale: A 90%, B 80%, C 70%, D 60%, E 50% Credits will be awarded if the student obtains at least 50% marks.	
Learning outcomes: Graduates have the knowledge, skills and abilities necessary for the methodology and technique of performing several types of school physical measurements and experiments in the physics curriculum of lower secondary and high schools.	
Class syllabus: Phases of a school experiment, types of school experiments, measurements and observations, possibilities of a computer-aided science laboratory, measurement with sensors, basics of video measurement, basics of preparation of interactive animations. Preparation of instruction for a student for an experiment planned by a teacher, preparation and assignment of a student planning experiment. Empirical cognition in school physics, basics of measuring results, student work in empirical cognition.	
Recommended literature: Evidence based teaching : A practical approach / Geoff Petty. Cheltenham : Nelson Thornes, 2006 Počítačom podporované prírodovedné laboratórium / Peter Demkanin a kol.. Bratislava : Knižničné a edičné centrum, 2006 Demkanin, P, Didaktika fyziky, UK 2018 Klentschy, Michael P.: Scaffolding Science Inquiry Through Lesson Design Own electronic texts of the subject published through the subject's website.	
Languages necessary to complete the course: Slovak and English.	

Notes:					
Past grade distribution					
Total number of evaluated students: 66					
A	B	C	D	E	FX
60,61	21,21	13,64	0,0	1,52	3,03
Lecturers: doc. RNDr. Peter Demkanin, PhD., doc. PaedDr. Viera Haverlíková, PhD.					
Last change: 18.06.2022					
Approved by:					

STATE EXAM DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFLKDMFI/2- pUXX-952/19	Course title: Psychology
Number of credits: 0	
Educational level: D	
State exam syllabus:	
Last change: 13.01.2020	
Approved by:	

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI-PriF.KDPP/1- UXX-141/15		Course title: Psychology for Teachers (1)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 1.					
Educational level: D, I., II.					
Prerequisites:					
Antirequisites: FMFI-PriF.KDPP/1-UXX-131/10					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 576					
A	B	C	D	E	FX
19,97	14,93	24,31	19,1	17,19	4,51
Lecturers: RNDr. Jana Ciceková, PhD., PhDr. ThLic. Peter Ikhardt, PhD.					
Last change: 09.09.2019					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KDMFI/1-UXX-142/15		Course title: Psychology for Teachers (2)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 2.					
Educational level: D, I., II.					
Prerequisites: FMFI-PriF.KDPP/1-UXX-141/15 - Psychology for Teachers (1)					
Antirequisites: FMFI-PriF.KDPP/1-UXX-135/10					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 511					
A	B	C	D	E	FX
24,66	16,44	19,57	22,7	13,89	2,74
Lecturers: RNDr. Jana Ciceková, PhD.					
Last change: 02.06.2015					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KDMFI/1-UXX-331/18		Course title: School Management			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 2 per level/semester: 13 / 26 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 2.					
Educational level: D, I., II.					
Prerequisites:					
Antirequisites: FMFI-Prif.KDPP/1-UXX-331/15					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 112					
A	B	C	D	E	FX
53,57	13,39	25,0	3,57	0,0	4,46
Lecturers: Mgr. Karolína Miková, PhD., PaedDr. Tünde Kiss, PhD.					
Last change: 10.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022							
University: Comenius University Bratislava							
Faculty: Faculty of Mathematics, Physics and Informatics							
Course ID: FMFLKDMFI/2- pUXXx-110/20				Course title: Teachers' Training by Classroom Observation			
Educational activities: Type of activities: practice Number of hours: per week: per level/semester: 20s Form of the course: on-site learning, combined							
Number of credits: 0							
Recommended semester: 2.							
Educational level: D							
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	ABS	B	C	D	E	FX	NEABS
19,35	74,19	0,0	0,0	0,0	0,0	3,23	3,23
Lecturers:							
Last change:							
Approved by:							

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Mathematics, Physics and Informatics					
Course ID: FMFI.KDMFI/1-UXX-134/19		Course title: Theory of Teaching			
Educational activities: Type of activities: course Number of hours: per week: 3 per level/semester: 39 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 1.					
Educational level: D, I., II.					
Prerequisites:					
Antirequisites: FMFI.KDMFI/1-UXX-134/18					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 115					
A	B	C	D	E	FX
46,09	25,22	11,3	7,83	4,35	5,22
Lecturers: Mgr. Karolína Miková, PhD.					
Last change: 01.09.2019					
Approved by:					

STATE EXAM DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFLKDMFI/2- pUXX-911/20	Course title: Thesis Defence
Number of credits: 0	
Educational level: D	
State exam syllabus:	
Last change:	
Approved by:	