

Course descriptions

TABLE OF CONTENTS

1. 2-pUINx-103/19	Didactics of Informatics.....	2
2. 2-pUIN-913/19	Didactics of Informatics (state exam).....	3
3. 2-pUINx-202/21	Didactics of Programming at Primary School.....	4
4. 2-pUINx-203/21	Didactics of Programming at Secondary School.....	5
5. 2-pUINx-901/19	Diploma Thesis Project.....	6
6. 2-pUINx-201/19	Principles of Educational Software.....	7
7. 2-pUINx-101/19	Programming Languages in Education.....	8
8. 2-pUINx-102/19	Propedeutics of Informatics Education.....	9
9. 2-pUINx-211/19	Teaching Practice.....	11
10. 2-pUIN-914/19	Thesis Defence (state exam).....	12

COURSE DESCRIPTION

Academic year: 2024/2025	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFLKDMFI/2- pUINx-103/19	Course title: Didactics of Informatics
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 8s Form of the course: combined	
Number of credits: 0	
Recommended semester: 4.	
Educational level: 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	
ABS	NEABS
100,0	0,0
Lecturers: prof. RNDr. Ivan Kalaš, PhD.	
Last change:	
Approved by: doc. RNDr. Zuzana Kubincová, PhD.	

STATE EXAM DESCRIPTION

Academic year: 2024/2025	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2-pUIN-913/19	Course title: Didactics of Informatics
Number of credits: 0	
Educational level: N	
State exam syllabus:	
Last change: 03.12.2019	
Approved by: doc. RNDr. Zuzana Kubincová, PhD.	

COURSE DESCRIPTION

Academic year: 2024/2025	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- pUINx-202/21	Course title: Didactics of Programming at Primary School
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 8s Form of the course: combined	
Number of credits: 0	
Recommended semester: 4.	
Educational level: N	
Prerequisites:	
Antirequisites: FMFI.KDMFI/2-pUINx-202/19	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 14	
ABS	NEABS
100,0	0,0
Lecturers: doc. PaedDr. Monika Tomcsányiová, PhD.	
Last change: 06.12.2022	
Approved by: doc. RNDr. Zuzana Kubincová, PhD.	

COURSE DESCRIPTION

Academic year: 2024/2025	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- pUINx-203/21	Course title: Didactics of Programming at Secondary School
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 8s Form of the course: combined	
Number of credits: 0	
Recommended semester: 4.	
Educational level: N	
Prerequisites:	
Antirequisites: FMFI.KDMFI/2-pUINx-203/19	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 14	
ABS	NEABS
100,0	0,0
Lecturers: doc. RNDr. Ľudmila Jašková, PhD.	
Last change: 16.06.2023	
Approved by: doc. RNDr. Zuzana Kubincová, PhD.	

COURSE DESCRIPTION

Academic year: 2024/2025	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFLKDMFI/2- pUINx-901/19	Course title: Diploma Thesis Project
Educational activities: Type of activities: lecture Number of hours: per week: per level/semester: 8s Form of the course: combined	
Number of credits: 0	
Recommended semester: 4.	
Educational level: 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: 11	
ABS	NEABS
100,0	0,0
Lecturers: RNDr. Monika Dillingerová, PhD.	
Last change: 12.12.2022	
Approved by: doc. RNDr. Zuzana Kubincová, PhD.	

COURSE DESCRIPTION

Academic year: 2024/2025	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFLKDMFI/2- pUINx-201/19	Course title: Principles of Educational Software
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 8s Form of the course: combined	
Number of credits: 0	
Recommended semester: 3.	
Educational level: 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	
ABS	NEABS
100,0	0,0
Lecturers: doc. PaedDr. Monika Tomcsányiová, PhD.	
Last change: 05.12.2019	
Approved by: doc. RNDr. Zuzana Kubincová, PhD.	

COURSE DESCRIPTION

Academic year: 2024/2025	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFLKDMFI/2- pUINx-101/19	Course title: Programming Languages in Education
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 8s Form of the course: combined	
Number of credits: 0	
Recommended semester: 3.	
Educational level: 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: 15	
ABS	NEABS
100,0	0,0
Lecturers: doc. PaedDr. Monika Tomcsányiová, PhD.	
Last change: 05.12.2019	
Approved by: doc. RNDr. Zuzana Kubincová, PhD.	

COURSE DESCRIPTION

Academic year: 2024/2025	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFLKDMFI/2- pUINx-102/19	Course title: Propedeutics of Informatics Education
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 8s Form of the course: combined	
Type, volume, methods and workload of the student - additional information lecture / independent work	
Number of credits: 0	
Recommended semester: 3.	
Educational level: N	
Prerequisites:	
Course requirements: Continuous assessment: active participation in seminars, independent work at home, self-study Final assessment: didactic output Indicative evaluation scale: 50% and more - passed. He did not pass with less than 50%. Scale of assessment (preliminary/final): Weight of interim / final assessment: 60/40	
Learning outcomes: At the end of the semester, the graduate will: - Familiarity with the content and structure of the SVP for informatics. - To propose appropriate activities for various IT topics - Familiar with the cognitive difficulty/adequacy of individual topics in relation to the level of education - See the potential for the development of psychomotor and affective skills for individual areas of informatics - Have tried evaluation proposals, work with errors, didactic analysis of the curriculum...	
Class syllabus: - State educational program for Informatics - Brunner concept - Working with a errors - Assessment in computer science classes - Educational objectives - 3 domains of the curriculum - Presentation of preparations	
Recommended literature: Od vzdělávacího programu k vyučovací hodině / Marvin Pasch ... [et al.] ; přeložil Milan Koldinský. Praha : Portál, 2005	

Teach like a champion. Doug Lemov. 2014	
Languages necessary to complete the course: Slovak language	
Notes:	
Past grade distribution Total number of evaluated students: 15	
ABS	NEABS
93,33	6,67
Lecturers: doc. Mgr. Karolína Miková, PhD.	
Last change: 09.12.2022	
Approved by: doc. RNDr. Zuzana Kubincová, PhD.	

COURSE DESCRIPTION

Academic year: 2024/2025							
University: Comenius University Bratislava							
Faculty: Faculty of Mathematics, Physics and Informatics							
Course ID: FMFL.KDMFI/2- pUINx-211/19			Course title: Teaching Practice				
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: 3.							
Educational level: 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: 15							
A	ABS	B	C	D	E	FX	NEABS
13,33	80,0	0,0	0,0	0,0	0,0	0,0	6,67
Lecturers: RNDr. Michal Winczer, PhD.							
Last change: 16.06.2023							
Approved by: doc. RNDr. Zuzana Kubincová, PhD.							

STATE EXAM DESCRIPTION

Academic year: 2024/2025	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2-pUIN-914/19	Course title: Thesis Defence
Number of credits: 0	
Educational level: N	
State exam syllabus:	
Last change: 16.06.2023	
Approved by: doc. RNDr. Zuzana Kubincová, PhD.	