

# Course descriptions

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## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFLKDMFI/2- prUINx-302/21	<b>Course title:</b> Computer Systems and Networks
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 16s / 4s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 39	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> Mgr. Miroslav Wagner	
<b>Last change:</b>	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFLKDMFI/2- prUINx-301/21	<b>Course title:</b> Creating web
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 16s / 6s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 39	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> PaedDr. Roman Hrušecký, PhD.	
<b>Last change:</b>	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFLKDMFI/2- prUINx-112/21	<b>Course title:</b> Didactics of Informatics
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 20s / 8s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 49	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> prof. RNDr. Ivan Kalaš, PhD.	
<b>Last change:</b>	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## STATE EXAM DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFL.KDMFI/2- prUINx-913/21	<b>Course title:</b> Didactics of Informatics
<b>Number of credits:</b> 0	
<b>Educational level:</b> N	
<b>State exam syllabus:</b>	
<b>Last change:</b> 21.09.2023	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFI.KDMFI/2- prUINx-212/21	<b>Course title:</b> Didactics of Programming at Primary School
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 16s / 8s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> N	
<b>Prerequisites:</b> FMFI.KDMFI/2-prUINx-101/21 - Programming (1)	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 41	
ABS	NEABS
95,12	4,88
<b>Lecturers:</b> doc. PaedDr. Monika Tomcsányiová, PhD.	
<b>Last change:</b> 06.12.2022	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFL.KDMFI/2- prUINx-213/21	<b>Course title:</b> Didactics of Programming at Secondary School
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 16s / 8s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 43	
ABS	NEABS
90,7	9,3
<b>Lecturers:</b> doc. RNDr. Ľudmila Jašková, PhD.	
<b>Last change:</b> 13.12.2022	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFLKDMFI/2- prUINx-105/21	<b>Course title:</b> Digital Literacy of Teachers
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 12s / 6s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 71	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> Mgr. Mária Čujdíková, PhD.	
<b>Last change:</b>	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFLKDMFI/2- prUINx-203/21	<b>Course title:</b> Digital Technologies Around Us
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 12s / 6s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 59	
ABS	NEABS
98,31	1,69
<b>Lecturers:</b> PaedDr. Mgr. Natália Kováčová, PhD., PaedDr. Andrea Hrušecká, PhD., PaedDr. Roman Hrušecký, PhD.	
<b>Last change:</b>	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFLKDMFI/2- prUINx-901/21	<b>Course title:</b> Diploma Thesis Project
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week: per level/semester:</b> 4s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 39	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> doc. RNDr. Zuzana Kubincová, PhD., RNDr. Monika Dillingerová, PhD.	
<b>Last change:</b> 12.12.2022	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## STATE EXAM DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFL.KDMFI/2- prUINx-912/21	<b>Course title:</b> Informatics
<b>Number of credits:</b> 0	
<b>Educational level:</b> N	
<b>State exam syllabus:</b>	
<b>Last change:</b> 21.09.2023	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFLKDMFI/2- prUINx-106/21	<b>Course title:</b> Informatics (1)
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 20s / 8s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 49	
ABS	NEABS
93,88	6,12
<b>Lecturers:</b> Mgr. Lucia Budinská, PhD.	
<b>Last change:</b> 20.07.2021	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFLKDMFI/2- prUINx-206/21	<b>Course title:</b> Informatics (2)
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 20s / 8s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 41	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> RNDr. Michal Winczer, PhD., Mgr. Lucia Budinská, PhD.	
<b>Last change:</b> 20.07.2021	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFLKDMFI/2- prUINx-306/21	<b>Course title:</b> Informatics (3)
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 16s / 6s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Continuous assessment: tests, experiments, individual creative work Indicative assessment scale: A 90%, B 80%, C 70%, D 60%, E 50%	
<b>Learning outcomes:</b> The student will get acquainted with the methods of creating efficient algorithms and will be able to design and use algorithms for selected problems.	
<b>Class syllabus:</b> - Complexity of algorithms, complexity analysis - Methods of creating efficient algorithms: divide and conquer, greedy, dynamic programming, methods based on state space search	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 39	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> RNDr. Michal Winczer, PhD.	
<b>Last change:</b> 14.03.2022	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFLKDMFI/2- prUINx-103/21	<b>Course title:</b> Mathematical Fundamentals of Informatics (1)
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 20s / 8s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 52	
ABS	NEABS
94,23	5,77
<b>Lecturers:</b> PaedDr. Daniela Bezáková, PhD.	
<b>Last change:</b> 02.08.2021	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFLKDMFI/2- prUINx-104/21	<b>Course title:</b> Mathematical Fundamentals of Informatics (2)
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 20s / 8s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 49	
ABS	NEABS
95,92	4,08
<b>Lecturers:</b> PaedDr. Daniela Bezáková, PhD.	
<b>Last change:</b> 02.08.2021	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFLKDMFI/2- prUINx-101/21	<b>Course title:</b> Programming (1)
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 20s / 8s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 52	
ABS	NEABS
92,31	7,69
<b>Lecturers:</b> prof. RNDr. Ivan Kalaš, PhD.	
<b>Last change:</b> 14.09.2021	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFI.KDMFI/2- prUINx-102/21	<b>Course title:</b> Programming (2)
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 20s / 8s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> N	
<b>Prerequisites:</b> FMFI.KDMFI/2-prUINx-101/21 - Programming (1)	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 48	
ABS	NEABS
93,75	6,25
<b>Lecturers:</b> doc. RNDr. Zuzana Kubincová, PhD.	
<b>Last change:</b> 05.06.2022	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFI.KDMFI/2- prUINx-201/21	<b>Course title:</b> Programming (3)
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 20s / 8s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> N	
<b>Prerequisites:</b> FMFI.KDMFI/2-prUINx-102/21 - Programming (2)	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 40	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> doc. RNDr. Zuzana Kubincová, PhD., PaedDr. Andrea Hrušecká, PhD.	
<b>Last change:</b> 05.06.2022	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFI.KDMFI/2- prUINx-202/21	<b>Course title:</b> Programming (4)
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 20s / 8s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> N	
<b>Prerequisites:</b> FMFI.KDMFI/2-prUINx-201/21 - Programming (3)	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 41	
ABS	NEABS
95,12	4,88
<b>Lecturers:</b> doc. RNDr. Zuzana Kubincová, PhD., PaedDr. Andrea Hrušecká, PhD.	
<b>Last change:</b> 05.06.2022	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFLKDMFI/2- prUINx-111/21	<b>Course title:</b> Propedeutics of Informatics Education
<b>Educational activities:</b> <b>Type of activities:</b> lecture / independent work <b>Number of hours:</b> <b>per week: per level/semester:</b> 16s / 8s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 52	
ABS	NEABS
90,38	9,62
<b>Lecturers:</b> doc. Mgr. Karolína Miková, PhD.	
<b>Last change:</b> 24.07.2021	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFLKDMFI/2- prUINx-211/21	<b>Course title:</b> Robotics in Education
<b>Educational activities:</b> <b>Type of activities:</b> lecture <b>Number of hours:</b> <b>per week: per level/semester:</b> 16s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Priebežné hodnotenie: tvorba aktivít počas seminárov (50%) a metodických materiálov a paralelné testovanie týchto aktivít pre vybrané robotické hračky (50%) Orientačná hodnotiaci stupnica: A 90 %, B 80 %, C 70 %, D 60 %, E 50 % Scale of assessment (preliminary/final): 80/20	
<b>Learning outcomes:</b> Students will gain personal experience working with educational robots and applications to control them, for different age categories. They are trying to implement activities. They will discuss and look for suitable solutions. They will get acquainted with project teaching and with the constructionist form of teaching and will be able to start the basic principles of these forms in educational activities with a robotic kit.	
<b>Class syllabus:</b> Students will gain personal experience working with educational robots and applications to control them, for different age categories. They are trying to implement activities. They will discuss and look for suitable solutions. They will get acquainted with project teaching and with the constructionist form of teaching and will be able to start the basic principles of these forms in educational activities with a robotic kit.	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b>	
Total number of evaluated students: 42	
ABS	NEABS
90,48	9,52
<b>Lecturers:</b> doc. Mgr. Karolína Miková, PhD., Mgr. Jakub Krcho	

**Last change:** 21.06.2022

**Approved by:** doc. RNDr. Zuzana Kubincová, PhD.

## COURSE DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFLKDMFI/2- prUINx-221/21	<b>Course title:</b> Teaching Practice
<b>Educational activities:</b> <b>Type of activities:</b> practice <b>Number of hours:</b> <b>per week: per level/semester:</b> 20s <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 0	
<b>Recommended semester:</b> 3., 4..	
<b>Educational level:</b> N	
<b>Prerequisites:</b>	
<b>Course requirements:</b>	
<b>Learning outcomes:</b>	
<b>Class syllabus:</b>	
<b>Recommended literature:</b>	
<b>Languages necessary to complete the course:</b>	
<b>Notes:</b>	
<b>Past grade distribution</b> Total number of evaluated students: 40	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> RNDr. Michal Winczer, PhD., PaedDr. Mgr. Natália Kováčová, PhD.	
<b>Last change:</b> 16.06.2023	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	

## STATE EXAM DESCRIPTION

<b>Academic year:</b> 2025/2026	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFL.KDMFI/2- prUINx-911/21	<b>Course title:</b> Thesis Defence
<b>Number of credits:</b> 0	
<b>Educational level:</b> N	
<b>State exam syllabus:</b>	
<b>Last change:</b> 16.06.2023	
<b>Approved by:</b> doc. RNDr. Zuzana Kubincová, PhD.	