

Course descriptions

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STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-913/25	Course title: Didactics of Mathematics
Number of credits: 0	
Educational level: N	
State exam syllabus:	
Last change: 25.04.2025	
Approved by: doc. PaedDr. Mária Slavičková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-211/25	Course title: Didactics of lower secondary school mathematics (1)
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: doc. PaedDr. Mária Slavíčková, PhD.	
Last change: 25.04.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-212/25	Course title: Didactics of lower secondary school mathematics (2)
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: doc. PaedDr. Mária Slavíčková, PhD.	
Last change: 25.04.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-312/25	Course title: Didactics of lower secondary school mathematics (3)
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
Number of credits: 0	
Recommended semester: 5.	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: doc. PaedDr. Mária Slavíčková, PhD.	
Last change: 25.04.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-901/25	Course title: Diploma Thesis Project
Educational activities: Type of activities: lecture Number of hours: per week: per level/semester: 4s Form of the course: on-site learning	
Number of credits: 0	
Recommended semester: 5.	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers:	
Last change:	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-105/25	Course title: Equations and inequations
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
Number of credits: 0	
Recommended semester: 2.	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: Mgr. Emília Mit'ková, PhD.	
Last change: 02.06.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-103/25	Course title: Foundations of algebra and number theory
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
Number of credits: 0	
Recommended semester: 1.	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: Mgr. Emília Mit'ková, PhD.	
Last change: 02.06.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-206/25	Course title: Foundations of analytical geometry
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: Mgr. Jana Havlíčková, PhD.	
Last change: 25.04.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-201/25	Course title: Foundations of combinatorics
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: PaedDr. Peter Vankúš, PhD.	
Last change: 25.04.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-205/25	Course title: Foundations of differential and integral calculus
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: Mgr. Michaela Vargová, PhD.	
Last change: 25.04.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-202/25	Course title: Foundations of function operations
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: Mgr. Michaela Vargová, PhD.	
Last change: 25.04.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-301/25	Course title: Foundations of mathematical statistics
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
Number of credits: 0	
Recommended semester: 5.	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: PaedDr. Peter Vankúš, PhD.	
Last change: 25.04.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-101/25	Course title: Foundations of mathematics
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
Number of credits: 0	
Recommended semester: 1.	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: RNDr. Monika Dillingerová, PhD.	
Last change: 26.06.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-102/25	Course title: Foundations of planimetry
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
Number of credits: 0	
Recommended semester: 1.	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: Mgr. Jana Havlíčková, PhD.	
Last change: 30.05.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-204/25	Course title: Foundations of probability
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: PaedDr. Peter Vankúš, PhD.	
Last change: 25.04.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-104/25	Course title: Foundations of stereometry
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
Number of credits: 0	
Recommended semester: 2.	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: Mgr. Jana Havlíčková, PhD.	
Last change: 25.04.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-106/25	Course title: Introduction to functions
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
Number of credits: 0	
Recommended semester: 2.	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: Mgr. Michaela Vargová, PhD.	
Last change: 25.04.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-912/25	Course title: Mathematics
Number of credits: 0	
Educational level: N	
State exam syllabus:	
Last change: 25.04.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-311/25	Course title: Methods of solving mathematical tasks for lower secondary education
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
Number of credits: 0	
Recommended semester: 5.	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: RNDr. Monika Dillingerová, PhD.	
Last change: 28.05.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KMANM/2- prUMAz-111/25	Course title: Seminar in History of Mathematics (1)
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
Number of credits: 0	
Recommended semester: 1.	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: doc. RNDr. Zbyněk Kubáček, CSc.	
Last change:	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KMANM/2- prUMAz-112/25	Course title: Seminar in History of Mathematics (2)
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
Number of credits: 0	
Recommended semester: 2.	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: doc. RNDr. Zbyněk Kubáček, CSc.	
Last change:	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-203/25	Course title: Systems of linear equations
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 16s / 6s Form of the course: on-site learning	
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: 0	
ABS	NEABS
0,0	0,0
Lecturers: Mgr. Emília Mit'ková, PhD.	
Last change: 02.06.2025	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-221/25	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	
Number of credits: 0	
Recommended semester: 3., 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: 0	
ABS	NEABS
0,0	0,0
Lecturers:	
Last change:	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	

STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAz-911/25	Course title: Thesis Defence
Number of credits: 0	
Educational level: N	
State exam syllabus:	
Last change:	
Approved by: doc. PaedDr. Mária Slavíčková, PhD.	