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Academic year: 2023/2024			
University: Comenius University	ty Bratislava		
Faculty: Faculty of Mathematic	es, Physics and Informa	tics	
Course ID: FMFI.KDMFI/2- prUMAx-106/23	Course title: Algebra (1)		
Educational activities: Type of activities: lecture / inc Number of hours: per week: per level/semest Form of the course: on-site le	er: 20s / 8s		
Number of credits: 0			
Recommended semester: 1.			
Educational level: N			
Prerequisites:			
Course requirements:			
Learning outcomes:			
Class syllabus:			
Recommended literature:			
Languages necessary to comp	lete the course:		
Notes:			
Past grade distribution Total number of evaluated stud	ents: 41		
ABS		NEABS	
97,56		2,44	
Lecturers: Mgr. Emília Miťkov	vá, PhD.		
Last change: 15.05.2023			
Approved by:			

Academic year: 2023/2024

University: Comenius University Bratislava

Faculty: Faculty of Mathematics, Physics and Informatics

Course ID:
FMFI.KAG/2prUMAx-205/23

Course title:
Algebra (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: 3.

Educational level: N

Prerequisites:

Course requirements:

Final assessment: written exam

Passing grade: 60%

Scale of assessment (preliminary/final): Weight of the course work / exam: 0/100

Learning outcomes:

Students will become familiar with the basic notions and methods of linear algebra.

Class syllabus:

Systems of linear equations, Euclidean vector spaces, linear combinations, linear subspaces, linear span, linear independence, basis, dimension, linear maps and their matrix representations, matrix multiplication.

Recommended literature:

Linear Algebra / Jim Hefferon, http://joshua.smcvt.edu/linearalgebra, 2020

Languages necessary to complete the course:

Notes:

Past grade distribution

Total number of evaluated students: 27

ABS	NEABS
96,3	3,7

Lecturers: Mgr. Tomáš Rusin, PhD.

Last change: 28.08.2024

Approved by:

COURSE DESCRIPTION Academic year: 2023/2024 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KAG/2-Algebra (2) prUMAx-206/21 **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 12s / 4s Form of the course: on-site learning Number of credits: 0 Recommended semester: 4. **Educational level:** N **Prerequisites: Course requirements:** Oral exam Passing grade: 60% Scale of assessment (preliminary/final): Weight of the course work / exam: 0/100 **Learning outcomes:** Students will become familiar with the basic notions of abstract algebra and applications of elementary group theory. Class syllabus: 1. Elementary number theory 2. Groups and their basic properties 3. Group homomorphisms 4. Rings and their homomorphisms **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 26 **ABS NEABS** 92,31 7.69 Lecturers: Mgr. Tomáš Rusin, PhD.

Last change: 20.06.2022

Approved by:

Academic year: 2023/2024

University: Comenius University Bratislava

Faculty: Faculty of Mathematics, Physics and Informatics

Course ID:
FMFI.KAG/2prUMAx-206/23

Course title:
Algebra (3)

Educational activities:

Type of activities: lecture / independent work

Number of hours:

per week: per level/semester: 12s / 4s Form of the course: on-site learning

Number of credits: 0

Recommended semester: 4.

Educational level: N

Prerequisites:

Course requirements:

Final assessment: written exam

Passing grade: 60%

Scale of assessment (preliminary/final): Weight of the course work / exam: 0/100

Learning outcomes:

Students will become familiar with several topics in linear algebra and elementary number theory.

Class syllabus:

Elementary matrices, inverse matrix, determinant, dot product, lengths and angles, Cauchy-Schwarz inequality, elementary number theory, Euclidean algorithm, primes and prime decomposition.

Recommended literature:

Languages necessary to complete the course:

Notes:

Past grade distribution

Total number of evaluated students: 27

ABS	NEABS
92,59	7,41

Lecturers: Mgr. Tomáš Rusin, PhD.

Last change: 10.09.2024

Approved by:

Academic year: 2023/2024			
University: Comenius Universi	ty Bratislava		
Faculty: Faculty of Mathematic	s, Physics and Infor	matics	
Course ID: FMFI.KDMFI/2- prUMAx-101/21	Course title: Combinatorics		
Educational activities: Type of activities: lecture / inc Number of hours: per week: per level/semeste Form of the course: on-site le	er: 20s / 8s		
Number of credits: 0			
Recommended semester: 1.			
Educational level: N			
Prerequisites:			
Course requirements:			
Learning outcomes:			
Class syllabus:			
Recommended literature:			
Languages necessary to comp	lete the course:		
Notes:			
Past grade distribution Total number of evaluated students	ents: 51		
ABS		NEABS	
100,0		0,0	
Lecturers: PaedDr. Peter Vankt	iš, PhD.		
Last change: 06.12.2022			
Annroyed by:			

Academic year: 2023/2024			
University: Comenius Universi	ty Bratislava		
Faculty: Faculty of Mathematic	es, Physics and Info	ormatics	
Course ID: FMFI.KDMFI/2- prUMAx-101/21	Course title: Combinatorics		
Educational activities: Type of activities: lecture / inc Number of hours: per week: per level/semeste Form of the course: on-site le	er: 20s / 8s		
Number of credits: 0			
Recommended semester: 2.			
Educational level: N			
Prerequisites:			
Course requirements:			
Learning outcomes:			
Class syllabus:			
Recommended literature:			
Languages necessary to compl	ete the course:		
Notes:			
Past grade distribution Total number of evaluated students	ents: 51		
ABS		NEABS	
100,0		0,0	
Lecturers: PaedDr. Peter Vanko	iš, PhD.		
Last change: 06.12.2022			
Annroyed by:			_

STATE EXAM DESCRIPTION

Academic year: 2023/2024

University: Comenius University Bratislava

Faculty: Faculty of Mathematics, Physics and Informatics

Course ID:
FMFI.KDMFI/2prUMAx-913/21

Number of credits: 0

Educational level: N

State exam syllabus:

Last change: 05.09.2023

Approved by:

Academic year: 2023/2024	-	
	ity Drotislava	
University: Comenius Univers		
Faculty: Faculty of Mathemati	cs, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAx-112/23	Course title: Didactics of Mathematics (1)	
Educational activities: Type of activities: lecture / in Number of hours: per week: per level/semest Form of the course: on-site le	ter: 16s / 6s	
Number of credits: 0		
Recommended semester: 1., 3).	
Educational level: N		
Prerequisites:		
Course requirements:		
Learning outcomes:		
Class syllabus:		
Recommended literature:		
Languages necessary to comp	olete the course:	
Notes:		
Past grade distribution Total number of evaluated stud	lents: 42	
ABS		NEABS
95,24		4,76
Lecturers: doc. PaedDr. Mária	Slavíčková, PhD.	
Last change: 15.05.2023		
Approved by:		

Academic year: 2023/2024	
University: Comenius University	ity Bratislava
Faculty: Faculty of Mathematic	es, Physics and Informatics
Course ID: FMFI.KDMFI/2- prUMAx-212/23	Course title: Didactics of Mathematics (1)
Educational activities: Type of activities: lecture / inc Number of hours: per week: per level/semest Form of the course: on-site le	rer: 16s / 6s
Number of credits: 0	
Recommended semester: 2.	
Educational level: N	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to comp	lete the course:
Notes:	
Past grade distribution Total number of evaluated stud	ents: 39
ABS	NEABS
100,0	0,0
Lecturers: doc. PaedDr. Mária	Slavíčková, PhD.
Last change: 15.05.2023	
Approved by:	

Academic year: 2023/2024			
University: Comenius University Bratislava			
Faculty: Faculty of Mathematic	Faculty: Faculty of Mathematics, Physics and Informatics		
Course ID: FMFI.KDMFI/2- prUMAx-213/21	Course title: Didactics of Mathematics (2)		
Educational activities: Type of activities: lecture / inc Number of hours: per week: per level/semest Form of the course: on-site le	rer: 16s / 6s		
Number of credits: 0			
Recommended semester: 4.			
Educational level: N			
Prerequisites:			
Course requirements:			
Learning outcomes:			
Class syllabus:			
Recommended literature:			
Languages necessary to comp	lete the course:		
Notes:			
Past grade distribution Total number of evaluated stud	ents: 24		
ABS	NEABS		
100,0	0,0		
Lecturers: doc. PaedDr. Mária	Slavíčková, PhD.		
Last change: 07.12.2022			
Approved by:			

Academic year: 2023/2024	
University: Comenius University	ty Bratislava
Faculty: Faculty of Mathematic	es, Physics and Informatics
Course ID: FMFI.KDMFI/2- prUMAx-213/23	Course title: Didactics of Mathematics (3)
Educational activities: Type of activities: lecture / inc Number of hours: per week: per level/semest Form of the course: on-site le	er: 16s / 6s
Number of credits: 0	
Recommended semester: 5.	
Educational level: N	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to comp	lete the course:
Notes:	
Past grade distribution Total number of evaluated stud	ents: 0
ABS	NEABS
0,0	0,0
Lecturers: Mgr. Michaela Varg	ová, PhD., Mgr. Monika Porkertová, PhD.
Last change: 15.05.2023	
Approved by:	

Academic year: 2023/2024		
University: Comenius University Bratislava		
Faculty: Faculty of Mathematic	s, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAx-901/21	Course title: Diploma Thesis Project	
Educational activities: Type of activities: lecture Number of hours: per week: per level/semeste Form of the course: on-site le		
Number of credits: 0		
Recommended semester: 5.		
Educational level: N		
Prerequisites:		
Course requirements:		
Learning outcomes:		
Class syllabus:		
Recommended literature:		
Languages necessary to comp	lete the course:	
Notes:		
Past grade distribution Total number of evaluated students	ents: 24	
ABS	NEABS	
100,0	0,0	
Lecturers: RNDr. Monika Dillingerová, PhD.		
Last change: 12.12.2022		
Annroyad by:		

Academic year: 2023/2024		
University: Comenius University	ty Bratislava	
Faculty: Faculty of Mathematic	es, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAx-102/21	Course title: Geometry (1)	
Educational activities: Type of activities: lecture / inc Number of hours: per week: per level/semest Form of the course: on-site le	er: 20s / 8s	
Number of credits: 0		
Recommended semester: 1.		
Educational level: N		
Prerequisites:		
Course requirements:		
Learning outcomes:		
Class syllabus:		
Recommended literature:		
Languages necessary to comp	lete the course:	
Notes:		
Past grade distribution Total number of evaluated stud	ents: 47	
ABS	NEABS	
89,36	10,64	
Lecturers: RNDr. Monika Dillingerová, PhD.		
Last change: 14.09.2021		
Approved by:		

Academic year: 2023/2024		
University: Comenius University	ty Bratislava	
Faculty: Faculty of Mathematic	es, Physics and Informatics	
Course ID: FMFI.KAG/2- prUMAx-103/21	Course title: Geometry (2)	
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 20s / 8s 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 stud	ents: 41	
ABS	NEABS	
97,56	2,44	
Lecturers: RNDr. Kristína Rostás, PhD.		
Last change: 17.10.2023		
Approved by:		

Academic year: 2023/2024			
University: Comenius University Bratislava			
Faculty: Faculty of Mathematic	es, Physics and Inforn	natics	
Course ID: FMFI.KAG/2- prUMAx-202/21	Course title: Geometry (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: 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: 24			
ABS		NEABS	
100,0		0,0	
Lecturers: RNDr. Barbora Pokorná, PhD.			
Last change:			
Approved by:			

Academic year: 2023/2024			
University: Comenius University	ty Bratislava		
Faculty: Faculty of Mathematic	es, Physics and Informatics		
Course ID: FMFI.KAG/2- prUMAx-202/21	Course title: Geometry (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: 3.			
Educational level: N	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 stud	ents: 24		
ABS	NEABS		
100,0	0,0		
Lecturers: RNDr. Kristína Rostás, PhD., RNDr. Barbora Pokorná, PhD.			
Last change:			
Approved by:			

Academic year: 2023/2024		
University: Comenius University Bratislava		
Faculty: Faculty of Mathematic	es, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAx-112/21	Course title: Introduction to Didactics 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: 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: 27		
ABS	NEABS	
92,59	7,41	
Lecturers: doc. PaedDr. Mária Slavíčková, PhD.		
Last change: 07.12.2022		
Approved by:		

Academic year: 2023/2024		
University: Comenius University	ty Bratislava	
Faculty: Faculty of Mathematic	es, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAx-106/21	Course title: Linear Algebra	
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 20s / 8s 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 stud	ents: 26	
ABS	NI	EABS
96,15	3	3,85
Lecturers: Mgr. Emília Miťková, PhD.		
Last change: 14.12.2022		
Approved by:		

Academic year: 2023/2024		
University: Comenius University Bratislava		
Faculty: Faculty of Mathematic	es, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAx-104/21	Course title: Mathematical Analysis (1)	
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 20s / 8s 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: 47		
ABS	NEABS	
89,36	10,64	
Lecturers: Mgr. Michaela Vargová, PhD.		
Last change: 30.05.2022		
Approved by:		

Academic year: 2023/2024			
University: Comenius University	ty Bratislava		
Faculty: Faculty of Mathematic	es, Physics and Informatics		
Course ID: FMFI.KDMFI/2- prUMAx-104/21	Course title: Mathematical Analysis (1)		
Educational activities: Type of activities: lecture / inc Number of hours: per week: per level/semest Form of the course: on-site le	er: 20s / 8s		
Number of credits: 0			
Recommended semester: 2.			
Educational level: N			
Prerequisites:	Prerequisites:		
Course requirements:			
Learning outcomes:			
Class syllabus:			
Recommended literature:			
Languages necessary to complete the course:			
Notes:			
Past grade distribution Total number of evaluated stud	ents: 47		
ABS	NEABS		
89,36	10,64		
Lecturers: Mgr. Michaela Vargová, PhD.			
Last change: 30.05.2022			
Approved by:			

Academic year: 2023/2024		
University: Comenius University Bratislava		
Faculty: Faculty of Mathematic	es, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAx-105/21	Course title: Mathematical Analysis (2)	
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 20s / 8s 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: 26		
ABS	NEABS	
100,0	0,0	
Lecturers: Mgr. Michaela Vargová, PhD.		
Last change: 15.02.2022		
Approved by:		

Academic year: 2023/2024		
University: Comenius University Bratislava		
Faculty: Faculty of Mathematic	es, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAx-105/21	Course title: Mathematical Analysis (2)	
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 20s / 8s 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: 26		
ABS	NEABS	
100,0	0,0	
Lecturers: Mgr. Michaela Vargová, PhD.		
Last change: 15.02.2022		
Approved by:		

Academic year: 2023/2024		
University: Comenius University Bratislava		
Faculty: Faculty of Mathematic	es, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAx-204/21	Course title: Mathematical Analysis (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: 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: 26		
ABS	NEABS	
100,0	0,0	
Lecturers: Mgr. Michaela Vargová, PhD.		
Last change: 09.12.2022		
Approved by:		

Academic year: 2023/2024			
University: Comenius University Bratislava			
Faculty: Faculty of Mathematic	es, Physics and Informatics		
Course ID: FMFI.KDMFI/2- prUMAx-204/21	Course title: Mathematical Analysis (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: 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: 26			
ABS	NEABS		
100,0	0,0		
Lecturers: Mgr. Michaela Vargová, PhD.			
Last change: 09.12.2022			
Approved by:			

STATE EXAM DESCRIPTION

Academic year: 2023/2024		
University: Comenius University Bratislava		
Faculty: Faculty of Mathematics, Physics and Informatics		
Course ID: FMFI.KDMFI/2- prUMAx-912/21	Course title: Mathematics	
Number of credits: 0		
Educational level: N		
State exam syllabus:		
Last change: 12.09.2023		
Approved by:		

Academic year: 2023/2024		
University: Comenius University	ity Bratislava	
Faculty: Faculty of Mathematic	es, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAx-311/21	Course title: Methods for Solving Mathematical Tasks	
Educational activities: Type of activities: lecture / inc Number of hours: per week: per level/semest Form of the course: on-site le	rer: 16s / 6s	
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 stud	ents: 24	
ABS	NEABS	
100,0	0,0	
Lecturers: Mgr. Emília Miťkov	vá, PhD.	
Last change: 14.12.2022		
Approved by:		

Academic year: 2023/2024		
University: Comenius University	ity Bratislava	
Faculty: Faculty of Mathematic	es, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAx-211/23	Course title: Pravdepodobnosť a matematická štatistika (1)	
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 12s / 4s 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 stud	ents: 24	
ABS	NEABS	
100,0	0,0	
Lecturers: PaedDr. Peter Vank	úš, PhD.	
Last change: 15.05.2023		
Approved by:		

Academic year: 2023/2024			
University: Comenius University Bratislava			
Faculty: Faculty of Mathematic	es, Physics and Informatics		
Course ID: FMFI.KDMFI/2- prUMAx-301/21	Course title: Probability Measure and 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:	Prerequisites:		
Course requirements:			
Learning outcomes:			
Class syllabus:			
Recommended literature:			
Languages necessary to complete the course:			
Notes:			
Past grade distribution Total number of evaluated stud	ents: 24		
ABS	NEABS		
95,83	4,17		
Lecturers: doc. Mgr. Lenka Fil	lová, PhD., Mgr. Lívia Rosová, PhD.		
Last change: 06.12.2022			
Approved by:			

Academic year: 2023/2024 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KDMFI/2-Probability Measure and Mathematical Statistics (2) prUMAx-301/23 **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: 26 **ABS NEABS** 96.15 3.85 Lecturers: doc. Mgr. Lenka Filová, PhD. Last change: 15.05.2023 Approved by:

Academic year: 2023/2024		
University: Comenius University	ty Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics		
Course ID: FMFI.KMANM/2- prUMAx-111/23	Course title: Revision of Adva	anced Secondary-school Mathematics
Educational activities: Type of activities: lecture / inc Number of hours: per week: per level/semest Form of the course: on-site le	er: 16s / 6s	
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 stud	ents: 16	
ABS		NEABS
100,0		0,0
Lecturers: doc. RNDr. Zbyněk Kubáček, CSc.		
Last change:		
Approved by:		

Academic year: 2023/2024		
University: Comenius Universi	ty Bratislava	
Faculty: Faculty of Mathematic	es, Physics and Informatics	
Course ID: FMFI.KMANM/2- prUMAx-111/21	Course title: Revision of Advanced Secondary-school Mathematics (1)	
Educational activities: Type of activities: lecture / inc Number of hours: per week: per level/semest Form of the course: on-site le	er: 16s / 6s	
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	ents: 37	
ABS	NEABS	
97,3	2,7	
Lecturers: doc. RNDr. Zbyněk	Kubáček, CSc.	
Last change:		
Approved by:		

Academic year: 2023/2024 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KDMFI/2-Revision of Advanced Secondary-school Mathematics (2) prUMAx-211/21 **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 12s / 4s 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: 24 ABS **NEABS** 100.0 0.0 Lecturers: PaedDr. Peter Vankúš, PhD. Last change: 06.12.2022 Approved by:

Academic year: 2023/2024		
University: Comenius University	ty Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics		
Course ID: FMFI.KMANM/2- prUMAx-214/21	Course title: Seminar in Histor	ry 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: 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 stud	ents: 24	
ABS		NEABS
100,0	100,0 0,0	
Lecturers: doc. RNDr. Zbyněk Kubáček, CSc.		
Last change:		
Approved by:		

Academic year: 2023/2024		
University: Comenius University	ty Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics		
Course ID: FMFI.KMANM/2- prUMAx-214/21	Course title: Seminar in Histor	ry 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: 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 stud	ents: 24	
ABS		NEABS
100,0		0,0
Lecturers: doc. RNDr. Zbyněk Kubáček, CSc.		
Last change:		
Approved by:		

Academic year: 2023/2024		
University: Comenius University Bratislava		
Faculty: Faculty of Mathematic	es, Physics and Informatics	
Course ID: FMFI.KMANM/2- prUMAx-314/21	Course title: Seminar in History of Mathematics (2)	
Educational activities: Type of activities: lecture / inc Number of hours: per week: per level/semeste Form of the course: on-site le	er: 12s / 4s	
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	ents: 24	
ABS	NEABS	
100,0 0,0		
Lecturers: doc. RNDr. Zbyněk	Kubáček, CSc.	
Last change:		
Approved by:		

Academic year: 2023/2024		
University: Comenius University	ty Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics		
Course ID: FMFI.KMANM/2- prUMAx-314/21	Course title: Seminar in Histo	ry of Mathematics (2)
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 12s / 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 stud	ents: 24	
ABS		NEABS
100,0	100,0 0,0	
Lecturers: doc. RNDr. Zbyněk Kubáček, CSc.		
Last change:		
Approved by:		

Academic year: 2023/2024

University: Comenius University Bratislava

Faculty: Faculty of Mathematics, Physics and Informatics

Course ID: Course title:

FMFI.KAG/2- Set and Number Theory (Algebra 1)

prUMAx-205/21

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:

Final assessment: written exam

Passing grade: 60%

Scale of assessment (preliminary/final): Weight of the course work / exam: 0/100

Learning outcomes:

Students will become familiar with the basic notions and methods of linear algebra.

Class syllabus:

1. Systems of linear equations 2. Euclidean vector space 3. Linear subspaces 4. Standard inner product 5. Linear maps and their matrix representations 6. Matrix algebra 7. Regular matrices and determinant

Recommended literature:

Linear Algebra / Jim Hefferon, http://joshua.smcvt.edu/linearalgebra, 2020

Languages necessary to complete the course:

Notes:

Past grade distribution

Total number of evaluated students: 25

ABS	NEABS
96,0	4,0

Lecturers: Mgr. Emília Miťková, PhD., Mgr. Tomáš Rusin, PhD.

Last change: 06.12.2022

Approved by:

Academic year: 2023/2024		
University: Comenius University Bratislava		
Faculty: Faculty of Mathematic	es, Physics and Informatics	
Course ID: FMFI.KDMFI/2- prUMAx-221/21	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 stud	ents: 24	
ABS	NEABS	
100,0	0,0	
Lecturers: Mgr. Michaela Vargová, PhD., Mgr. Emília Miťková, PhD.		
Last change: 09.12.2022		
Approved by:		

STATE EXAM DESCRIPTION

Academic year: 2023/2024

University: Comenius University Bratislava

Faculty: Faculty of Mathematics, Physics and Informatics

Course ID:
FMFI.KDMFI/2prUMAx-911/21

Number of credits: 0

Educational level: N

State exam syllabus:

Last change: 16.06.2023

Approved by: