

CONTENT

1. Algebra I.....	2
2. Algebra II.....	3
3. Algebra III.....	4
4. Application of ICT into mathematics teaching.....	5
5. Didactics of mathematics I.....	6
6. Didactics of mathematics II.....	7
7. Discrete mathematics.....	8
8. Geometry I.....	9
9. Geometry II.....	10
10. Geometry III.....	11
11. Logic and set theory.....	12
12. Mathematical analysis I.....	13
13. Mathematical analysis II.....	14
14. Mathematical analysis III.....	15
15. Mathematical problem solving strategies I.....	16
16. Mathematical problem solving strategies II.....	17
17. Mathematical problem solving strategies III.....	18
18. Mathematics and didactics of mathematics.....	19
19. Probability and statistics.....	20
20. Teaching practice.....	21
21. Thesis defence.....	22
22. Thesis project.....	23

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rALGa/22		Course name: Algebra I			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of ECTS credits: 10					
Recommended semester/trimester of the course: 1.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 12					
A	B	C	D	E	FX
8.33	8.33	16.67	25.0	33.33	8.33
Provides: RNDr. Lucia Kőszegyová, PhD.					
Date of last modification: 14.10.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rALGb/22		Course name: Algebra II			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 7					
Recommended semester/trimester of the course: 2.					
Course level: N					
Prerequisites: ÚMV/rALGa/22					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 10					
A	B	C	D	E	FX
10.0	30.0	50.0	0.0	10.0	0.0
Provides: doc. RNDr. Miroslav Ploščica, CSc.					
Date of last modification: 24.03.2023					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rALGc/22		Course name: Algebra III			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 7					
Recommended semester/trimester of the course: 3.					
Course level: N					
Prerequisites: ÚMV/rALGb/22					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 4					
A	B	C	D	E	FX
25.0	25.0	50.0	0.0	0.0	0.0
Provides: doc. RNDr. Miroslav Ploščica, CSc., RNDr. Lucia Kőszegyová, PhD.					
Date of last modification: 16.09.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/rAIM/22		Course name: Application of ICT into mathematics teaching			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 5.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 35					
A	B	C	D	E	FX
31.43	31.43	25.71	8.57	2.86	0.0
Provides: doc. RNDr. Stanislav Lukáč, PhD.					
Date of last modification: 20.09.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rDDMa/22		Course name: Didactics of mathematics I			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of ECTS credits: 10					
Recommended semester/trimester of the course: 4.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 41					
A	B	C	D	E	FX
19.51	26.83	31.71	19.51	2.44	0.0
Provides: doc. RNDr. Ingrid Semanišinová, PhD., RNDr. Veronika Hubeňáková, PhD., doc. RNDr. Dušan Šveda, CSc.					
Date of last modification: 25.09.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/rDDMb/22		Course name: Didactics of mathematics II			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 7					
Recommended semester/trimester of the course: 5.					
Course level: N					
Prerequisites: ÚMV/rDDMa/22					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 35					
A	B	C	D	E	FX
8.57	25.71	28.57	22.86	14.29	0.0
Provides: doc. RNDr. Ingrid Semanišínová, PhD., RNDr. Veronika Hubeňáková, PhD., doc. RNDr. Dušan Šveda, CSc.					
Date of last modification: 20.09.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rDSM/22		Course name: Discrete mathematics			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 7					
Recommended semester/trimester of the course: 3.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 62					
A	B	C	D	E	FX
4.84	1.61	11.29	20.97	38.71	22.58
Provides: RNDr. Igor Fabrici, Dr. rer. nat.					
Date of last modification: 16.11.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rGEOa/22		Course name: Geometry I			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of ECTS credits: 10					
Recommended semester/trimester of the course: 2.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 9					
A	B	C	D	E	FX
0.0	11.11	11.11	22.22	55.56	0.0
Provides: doc. RNDr. Stanislav Lukáč, PhD.					
Date of last modification: 20.09.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rGEOb/22		Course name: Geometry II			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 7					
Recommended semester/trimester of the course: 3.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 45					
A	B	C	D	E	FX
4.44	11.11	26.67	22.22	33.33	2.22
Provides: RNDr. Veronika Hubeňáková, PhD.					
Date of last modification: 25.09.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/rGEOc/22		Course name: Geometry III			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 7					
Recommended semester/trimester of the course: 4.					
Course level: N					
Prerequisites: ÚMV/rGEOb/22					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 44					
A	B	C	D	E	FX
9.09	9.09	13.64	22.73	36.36	9.09
Provides: RNDr. Igor Fabrici, Dr. rer. nat.					
Date of last modification: 16.11.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rLTM/22		Course name: Logic and set theory			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 7					
Recommended semester/trimester of the course: 5.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 38					
A	B	C	D	E	FX
5.26	13.16	18.42	23.68	39.47	0.0
Provides: RNDr. Jaroslav Šupina, PhD.					
Date of last modification: 26.09.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rMANa/22		Course name: Mathematical analysis I			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 13					
Recommended semester/trimester of the course: 1.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 13					
A	B	C	D	E	FX
0.0	23.08	38.46	23.08	7.69	7.69
Provides: doc. RNDr. Dušan Šveda, CSc., RNDr. Barbora Henneľová					
Date of last modification: 21.09.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rMANb/22		Course name: Mathematical analysis II			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 7					
Recommended semester/trimester of the course: 2.					
Course level: N					
Prerequisites: ÚMV/rMANa/22					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 5					
A	B	C	D	E	FX
0.0	20.0	0.0	40.0	20.0	20.0
Provides: prof. RNDr. Jozef Doboš, CSc.					
Date of last modification: 20.09.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rMANc/22		Course name: Mathematical analysis III			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 7					
Recommended semester/trimester of the course: 3.					
Course level: N					
Prerequisites: ÚMV/rMANb/22					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 4					
A	B	C	D	E	FX
0.0	0.0	25.0	50.0	25.0	0.0
Provides: prof. RNDr. Jozef Doboš, CSc.					
Date of last modification: 20.09.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/rMRUa/22		Course name: Mathematical problem solving strategies I			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 1.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 12					
A	B	C	D	E	FX
0.0	0.0	33.33	16.67	25.0	25.0
Provides: prof. RNDr. Jozef Doboš, CSc.					
Date of last modification: 20.09.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rMRUb/22		Course name: Mathematical problem solving strategies II			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 2.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 11					
A	B	C	D	E	FX
27.27	27.27	27.27	0.0	18.18	0.0
Provides: doc. RNDr. Ingrid Semanišínová, PhD.					
Date of last modification: 17.09.2023					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rMRUc/22		Course name: Mathematical problem solving strategies III			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 5.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. RNDr. Stanislav Lukáč, PhD.					
Date of last modification: 20.09.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rMDM/22		Course name: Mathematics and didactics of mathematics			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course:					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides:					
Date of last modification:					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rPST/22		Course name: Probability and statistics			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of ECTS credits: 10					
Recommended semester/trimester of the course: 4.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 39					
A	B	C	D	E	FX
10.26	15.38	35.9	15.38	23.08	0.0
Provides: doc. RNDr. Daniel Klein, PhD., doc. RNDr. Martina Hančová, PhD.					
Date of last modification: 26.09.2022					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ rPDP/22	Course name: Teaching practice
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 20s Course method: present	
Number of ECTS credits: 7	
Recommended semester/trimester of the course: 5.	
Course level: N	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 0	
abs	n
0.0	0.0
Provides: doc. RNDr. Ingrid Semanišínová, PhD., RNDr. Veronika Hubeňáková, PhD.	
Date of last modification:	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ rZPO/22		Course name: Thesis defence			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course:					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides:					
Date of last modification:					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ rZVP/22	Course name: Thesis project
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 5.	
Course level: N	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 0	
abs	n
0.0	0.0
Provides:	
Date of last modification: 12.09.2023	
Approved:	