CONTENT

1. Algebra I	2
2. Algebra II	3
3. Algebra III	4
4. Application of ICT into mathematics teaching	
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. 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

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Algebra I rALGa/22 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 **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 33 \mathbf{C} Α В D Ε FX 42.42 3.03 6.06 9.09 15.15 24.24 Provides: RNDr. Lucia Kőszegyová, PhD. Date of last modification: 14.10.2022 Approved:

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Algebra II rALGb/22 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 Prerequisities: 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 \mathbf{C} Ε Α В D 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:

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Algebra III rALGc/22 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 Prerequisities: 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 \mathbf{C} Α В D Ε 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:

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Application of ICT into mathematics teaching rAIM/22 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 **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 39 C Α В D Ε FX 33.33 33.33 23.08 7.69 2.56 0.0 Provides: doc. RNDr. Stanislav Lukáč, PhD. Date of last modification: 20.09.2022 Approved:

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Didactics of mathematics I rDDMa/22 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 **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 41 C Ε Α В D FX 19.51 26.83 31.71 19.51 2 44 0.0 Provides: doc. RNDr. Ingrid Semanišinová, PhD., RNDr. Veronika Hubeňáková, PhD. Date of last modification: 25.09.2022 Approved:

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Didactics of mathematics II rDDMb/22 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 Prerequisities: 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: 39 C Ε Α В D FX 10.26 28.21 28.21 20.51 12.82 0.0 Provides: doc. RNDr. Ingrid Semanišinová, PhD., RNDr. Veronika Hubeňáková, PhD. Date of last modification: 20.09.2022

Approved:

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Discrete mathematics rDSM/22 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 **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 62 C Α В D Е 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:

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Geometry I rGEOa/22 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 **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 9 В C Α D Е 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:

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Geometry II rGEOb/22 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 **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 45 В \mathbf{C} Α D Е 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:

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Geometry III rGEOc/22 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 Prerequisities: 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 C Α В D Е 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:

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Logic and set theory rLTM/22 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 **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 42 В C Α D Е FX 4.76 14.29 21.43 23.81 35.71 0.0 Provides: RNDr. Jaroslav Šupina, PhD. Date of last modification: 26.09.2022 Approved:

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Mathematical analysis I rMANa/22 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 **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 26 C Α В D Е FX 3.85 23.08 26.92 23.08 3.85 19.23 Provides: prof. RNDr. Ondrej Hutník, PhD. Date of last modification: 21.09.2022 Approved:

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Mathematical analysis II rMANb/22 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 Prerequisities: 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 \mathbf{C} Α В D Е 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:

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Mathematical analysis III rMANc/22 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 Prerequisities: 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 \mathbf{C} Α В D Е 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:

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Mathematical problem solving strategies I rMRUa/22 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 **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 25 \mathbf{C} Α В D Е FX 0.0 0.0 20.0 28.0 16.0 36.0 Provides: prof. RNDr. Jozef Doboš, CSc. Date of last modification: 20.09.2022 Approved:

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Mathematical problem solving strategies II rMRUb/22 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 **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 11 C Ε Α В D FX 27.27 27.27 27.27 0.0 18.18 0.0 Provides: doc. RNDr. Ingrid Semanišinová, PhD. Date of last modification: 17.09.2023 Approved:

Page: 17

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Mathematical problem solving strategies III rMRUc/22 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 **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 4 \mathbf{C} Α В D Е FX 50.0 0.0 50.0 0.0 0.0 0.0 Provides: doc. RNDr. Stanislav Lukáč, PhD. Date of last modification: 20.09.2022 Approved:

University: P. J.	Šafárik Universi	ty in Košice			
Faculty: Faculty	of Science				
Course ID: ÚM rMDM/22	V/ Course na	Course name: Mathematics and didactics of mathematics			
Per week: Per Course method	course-load (he study period:				
Number of ECT					
Recommended	semester/trimes	ter of the cours	e:		
Course level: N					
Prerequisities:					
Conditions for o	course completion	on:			
Learning outcom	mes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	e:				
Notes:				_	
Course assessme Total number of	ent `assessed student	s: 4			
A	В	С	D	Е	FX
25.0	25.0	50.0	0.0	0.0	0.0
Provides:	<u>'</u>			•	
Date of last mod	dification:				
Approved:					

Page: 19

University: P. J. Šafárik University in Košice Faculty: Faculty of Science Course ID: ÚMV/ Course name: Probability and statistics rPST/22 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 **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 39 C Α В D Е FX 10.26 15.38 35.9 15.38 23.08 0.0 Provides: doc. RNDr. Daniel Klein, PhD. Date of last modification: 26.09.2022 Approved:

University: P. J. Šafárik University in Košice				
Faculty: Faculty of Science				
Course ID: ÚMV/ rPDP/22	Course name: Teaching practice			
Course type, scope a Course type: Practic Recommended cour Per week: Per stud Course method: pre	ce rse-load (hours): ly period: 20s			
Number of ECTS cr	edits: 7			
Recommended seme	Recommended semester/trimester of the course: 5.			
Course level: N				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the course:				
Recommended literature:				
Course language:				
Notes:				
Course assessment Total number of asses	ssed students: 4			
	abs	n		
	100.0	0.0		
Provides: doc. RNDr. Ingrid Semanišinová, PhD., RNDr. Veronika Hubeňáková, PhD.				
Date of last modification:				
Approved:				

University: P. J	J. Šafárik Univers	ity in Košice			
Faculty: Facult	ty of Science				
Course ID: ÚN rZPO/22	//////////////////////////////////////	Course name: Thesis defence			
Course type: Recommende Per week: Pe Course metho					
Number of EC					
Recommended semester/trimester of the course:					
Course level: N	N				
Prerequisities:					
Conditions for	course completi	on:			
Learning outco	omes:				
Brief outline o	f the course:				
Recommended	l literature:				
Course langua	ge:				
Notes:	,				
Course assessn Total number of	nent of assessed studen	ts: 4			
A	В	С	D	Е	FX
25.0	75.0	0.0	0.0	0.0	0.0
Provides:	•			<u>'</u>	•
Date of last mo	odification:				
Approved:	,			,-	

University: P. J. Šafárik University in Košice				
Faculty: Faculty of S	cience			
Course ID: ÚMV/ rZVP/22	Course name: Thesis p	roject		
Course type, scope a Course type: Practic Recommended cour Per week: 1 Per stu Course method: pre	ce rse-load (hours): dy period: 14 esent			
Number of ECTS cr	edits: 4			
Recommended seme	ster/trimester of the co	ırse: 5.	_	
Course level: N				
Prerequisities:			_	
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	Brief outline of the course:			
Recommended literature:				
Course language:				
Notes:				
Course assessment Total number of asse	ssed students: 4			
	abs	n		
	100.0	0.0		
Provides:				
Date of last modification: 12.09.2023				
Approved:			_	