

Course descriptions

TABLE OF CONTENTS

1. 3-MDM-031/10	Advanced Linear Algebra.....	2
2. 3-MDM-029/10	Algebraic Theory of Graphs.....	3
3. 3-MDM-028/10	Algorithmics for Hard Problems.....	4
4. 3-MDM-027/10	Classic Algebraic Structures.....	5
5. 3-MXX-101/15	Course of English for PhD Studies (1).....	6
6. 3-MXX-102/15	Course of English for PhD Studies (1).....	7
7. 3-MDM-950/15	Dissertation Examination (state exam).....	8
8. 3-MDM-990/15	Dissertation Thesis (state exam).....	9
9. 3-MDM-023/10	Enumeration of Discrete Structures.....	10
10. 3-MDM-030/10	Graph Theory Methods in Computer Science.....	11
11. 3-INF-805/15	Guidance of a Final Thesis or of a Project for the Students' Conference.....	12
12. 3-INF-023/15	Literature Monitoring and Processing.....	13
13. 3-INF-804/15	Organisation of Science Events.....	14
14. 3-MDM-316/15	PhD Students' Mobility.....	15
15. 3-MDM-024/15	Probabilistic Methods in Combinatorics.....	16
16. 3-MDM-301/10	Research Work (1).....	17
17. 3-MDM-302/10	Research Work (2).....	18
18. 3-MDM-303/10	Research Work (3).....	19
19. 3-MDM-304/15	Research Work (4).....	20
20. 3-MDM-305/10	Research Work (5).....	21
21. 3-MDM-306/10	Research Work (6).....	22
22. 3-MDM-307/10	Research Work (7).....	23
23. 3-MDM-034/10	Selected Topics in Group Theory.....	24
24. 3-MDM-035/15	Selected Topics in Modern Graph Theory.....	25
25. 3-MDM-308/10	Seminar in Science (1).....	26
26. 3-MDM-309/10	Seminar in Science (2).....	27
27. 3-MDM-310/10	Seminar in Science (3).....	28
28. 3-MDM-311/10	Seminar in Science (4).....	29
29. 3-MDM-312/10	Seminar in Science (5).....	30
30. 3-MDM-313/10	Seminar in Science (6).....	31
31. 3-MDM-314/10	Seminar in Science (7).....	32
32. 3-INF-120/15	Study of Literature.....	33
33. 3-MDM-315/15	Subject of Specialisation.....	34
34. 3-INF-803/15	Teaching Activities.....	35
35. 3-MDM-025/10	Topological Graph Theory.....	36

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFI.KI+KAG/3-MDM-031/10	Course title: Advanced Linear Algebra
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 10	
Recommended semester:	
Educational level: III.	
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: prof. RNDr. Pavol Zlatoš, PhD., prof. RNDr. Martin Škoviera, PhD.	
Last change: 15.01.2018	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFI.KI/3-MDM-029/10	Course title: Algebraic Theory of Graphs
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 10	
Recommended semester: 1., 2..	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 11	
ABS	NEABS
100,0	0,0
Lecturers: prof. RNDr. Martin Škoviera, PhD., prof. RNDr. Róbert Jajcay, DrSc.	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFI.KI/3-MDM-028/10	Course title: Algorithmics for Hard Problems
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 10	
Recommended semester:	
Educational level: III.	
Prerequisites:	
Course requirements: Exam: Oral Scale of assessment (preliminary/final): 0/100	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 2	
ABS	NEABS
100,0	0,0
Lecturers: prof. RNDr. Rastislav Kráľovič, PhD.	
Last change: 21.06.2022	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFI.KAG/3-MDM-027/10	Course title: Classic Algebraic Structures
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 10	
Recommended semester: 2.	
Educational level: III.	
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: prof. RNDr. Tibor Katriňák, DrSc., doc. RNDr. Martin Mačaj, PhD.	
Last change:	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023							
University: Comenius University Bratislava							
Faculty:							
Course ID: FMFL.KJP/3-MXX-101/15				Course title: Course of English for PhD Studies (1)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning, distance learning							
Number of credits: 5							
Recommended semester:							
Educational level: III.							
Prerequisites:							
Course requirements:							
Learning outcomes:							
Class syllabus:							
Recommended literature:							
Languages necessary to complete the course:							
Notes:							
Past grade distribution Total number of evaluated students: 200							
A	ABS	B	C	D	E	FX	NEABS
42,0	53,5	0,5	0,0	0,0	2,0	0,0	2,0
Lecturers: PhDr. Alena Zemanová, Mgr. Simona Tomášková, PhD.							
Last change: 20.06.2022							
Approved by:							

COURSE DESCRIPTION

Academic year: 2022/2023							
University: Comenius University Bratislava							
Faculty:							
Course ID: FMFI.KJP/3-MXX-102/15				Course title: Course of English for PhD Studies (1)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning, distance learning							
Number of credits: 5							
Recommended semester:							
Educational level: III.							
Prerequisites: FMFI.KJP/3-MXX-101/15 - Course of English for PhD Studies (1)							
Course requirements:							
Learning outcomes:							
Class syllabus:							
Recommended literature:							
Languages necessary to complete the course:							
Notes:							
Past grade distribution Total number of evaluated students: 193							
A	ABS	B	C	D	E	FX	NEABS
45,6	48,7	0,0	0,0	0,0	0,0	0,0	5,7
Lecturers: PhDr. Alena Zemanová, Mgr. Simona Tomášková, PhD.							
Last change: 20.06.2022							
Approved by:							

STATE EXAM DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-950/15	Course title: Dissertation Examination
Number of credits: 20	
Recommended semester: 3., 4..	
Educational level: III.	
State exam syllabus:	
Last change: 02.06.2015	
Approved by:	

STATE EXAM DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-990/15	Course title: Dissertation Thesis
Number of credits: 30	
Recommended semester: 7., 8..	
Educational level: III.	
State exam syllabus:	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFI.KI/3-MDM-023/10	Course title: Enumeration of Discrete Structures
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 10	
Recommended semester:	
Educational level: III.	
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. Eduard Toman, CSc.	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFI.KI/3-MDM-030/10	Course title: Graph Theory Methods in Computer Science
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 10	
Recommended semester:	
Educational level: III.	
Prerequisites:	
Course requirements: Exam: Oral Scale of assessment (preliminary/final): 0/100	
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: prof. RNDr. Rastislav Kráľovič, PhD.	
Last change: 21.06.2022	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-INF-805/15	Course title: Guidance of a Final Thesis or of a Project for the Students' Conference
Educational activities: Type of activities: Number of hours: per week: per level/semester: Form of the course: on-site learning	
Number of credits: 5	
Recommended semester:	
Educational level: III.	
Prerequisites:	
Course requirements: Grade is assigned by the supervisor based on the continuous participation of the student in mentoring of a students of lower educational level.	
Learning outcomes: Students acquire practical experience in overseeing the preparation bachelors' theses, and Students' Conference contributions.	
Class syllabus: Student, under the guidance of his/her supervisor, proposes a research topic, and formulates the goals. Then on regular meetings with the bachelors' students, the student monitors their progress, and possibly alters the direction of the research, evaluates partial deliverables, points out to the errors and possible weak points, gives advice with the revisions of the final text, and reports all developments to the supervisor.	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 33	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 10.03.2022	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFI.KI/3-INF-023/15	Course title: Literature Monitoring and Processing
Educational activities: Type of activities: independent work Number of hours: per week: 10 per level/semester: 140 Form of the course: on-site learning	
Number of credits: 10	
Recommended semester:	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes: The student actively monitors current development in the research area corresponding to his/her thesis, can actively comprehend and process results.	
Class syllabus: The content usually consists of a set of scientific articles of at least 100 pages of text that represent the most important current results in the field. In their selection, the student actively cooperates with supervisor. The student usually processes these results in the form of a report with his own take at the essential parts and their importance. The form and scope of the examination are determined by the supervisor in a way that makes sure that the student documented an active understanding of the processed results. The course can be completed several times; after the end of the study part it is possible to enroll the subject as an elective.	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 29	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 10.03.2022	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-INF-804/15	Course title: Organisation of Science Events
Educational activities: Type of activities: Number of hours: per week: per level/semester: Form of the course: on-site learning	
Number of credits: 2	
Recommended semester:	
Educational level: III.	
Prerequisites:	
Course requirements: Scale of assessment (preliminary/final): 100/0	
Learning outcomes: Student gains experience in organizing research events.	
Class syllabus: The content of the course is work in the organizing committee of a conference, assistance in organizing a summer school, etc. The course is assessed by the advisor. The course can be completed several times.	
Recommended literature:	
Languages necessary to complete the course: Slovak, English	
Notes:	
Past grade distribution Total number of evaluated students: 1	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 09.02.2022	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-316/15	Course title: PhD Students' Mobility
Educational activities: Type of activities: Number of hours: per week: per level/semester: Form of the course: on-site learning	
Number of credits: 10	
Recommended semester:	
Educational level: III.	
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: prof. RNDr. Róbert Jajcay, DrSc.	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFI.KI/3-MDM-024/15	Course title: Probabilistic Methods in Combinatorics
Educational activities: Type of activities: lecture Number of hours: per week: 4 per level/semester: 56 Form of the course: on-site learning	
Number of credits: 10	
Recommended semester:	
Educational level: III.	
Prerequisites:	
Antirequisites: FMFI.KI/3-MDM-024/10	
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. Eduard Toman, CSc.	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-301/10	Course title: Research Work (1)
Educational activities: Type of activities: independent work Number of hours: per week: 5 per level/semester: 70 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 1.	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 8	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-302/10	Course title: Research Work (2)
Educational activities: Type of activities: independent work Number of hours: per week: 5 per level/semester: 70 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 2.	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 8	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-303/10	Course title: Research Work (3)
Educational activities: Type of activities: independent work Number of hours: per week: 5 per level/semester: 70 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 3.	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 5	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-304/15	Course title: Research Work (4)
Educational activities: Type of activities: independent work Number of hours: per week: 20 per level/semester: 280 Form of the course: on-site learning	
Number of credits: 20	
Recommended semester: 4.	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 3	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-305/10	Course title: Research Work (5)
Educational activities: Type of activities: independent work Number of hours: per week: 20 per level/semester: 280 Form of the course: on-site learning	
Number of credits: 20	
Recommended semester: 5.	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 2	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-306/10	Course title: Research Work (6)
Educational activities: Type of activities: independent work Number of hours: per week: 20 per level/semester: 280 Form of the course: on-site learning	
Number of credits: 20	
Recommended semester: 6.	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 2	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-307/10	Course title: Research Work (7)
Educational activities: Type of activities: independent work Number of hours: per week: 20 per level/semester: 280 Form of the course: on-site learning	
Number of credits: 20	
Recommended semester: 7.	
Educational level: III.	
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: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFI.KAG+KI/3- MDM-034/10	Course title: Selected Topics in Group Theory
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 10	
Recommended semester:	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 3	
ABS	NEABS
100,0	0,0
Lecturers: prof. RNDr. Pavol Zlatoš, PhD., prof. RNDr. Martin Škoviera, PhD., prof. RNDr. Róbert Jajcay, DrSc.	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFI.KI/3-MDM-035/15	Course title: Selected Topics in Modern Graph Theory
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 10	
Recommended semester:	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 5	
ABS	NEABS
100,0	0,0
Lecturers: prof. RNDr. Martin Škoviera, PhD., doc. RNDr. Edita Mačajová, PhD.	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-308/10	Course title: Seminar in Science (1)
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 1.	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 8	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-309/10	Course title: Seminar in Science (2)
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 2.	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 8	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-310/10	Course title: Seminar in Science (3)
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 3.	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 3	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-311/10	Course title: Seminar in Science (4)
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 10	
Recommended semester: 4.	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 1	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-312/10	Course title: Seminar in Science (5)
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 10	
Recommended semester: 5.	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 1	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-313/10	Course title: Seminar in Science (6)
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 10	
Recommended semester: 6.	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 1	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-314/10	Course title: Seminar in Science (7)
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 10	
Recommended semester: 7.	
Educational level: III.	
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: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-INF-120/15	Course title: Study of Literature
Educational activities: Type of activities: independent work Number of hours: per week: 5 per level/semester: 70 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester:	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes: The student is familiar with the results, and actively masters the techniques from current scientific papers from the area of his/her specialization.	
Class syllabus: The content usually consists of a set of scientific articles in the range of 50-150 pages of text. Student individually or with the help of the supervisor searches for current results in the given area and studies them. Form and scope of examinations are determined by the supervisor so that the student documents an active understanding of the processed results. The course can be completed several times.	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 77	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 10.03.2022	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-MDM-315/15	Course title: Subject of Specialisation
Educational activities: Type of activities: Number of hours: per week: per level/semester: Form of the course: on-site learning	
Number of credits: 20	
Recommended semester: 2.	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 8	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 02.06.2015	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFL.KI/3-INF-803/15	Course title: Teaching Activities
Educational activities: Type of activities: other Number of hours: per week: 4 per level/semester: 56 Form of the course: on-site learning	
Number of credits: 6	
Recommended semester:	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes: The student gains experience with teaching activities like conducting problem sessions, consultations, evaluating and grading of projects etc.	
Class syllabus: The content of the course is usually the conduct of problem sessions, consultations and evaluating of students' work during semester. The grade is assigned by the head of the department where the teaching takes place. The course can be completed several times.	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 127	
ABS	NEABS
100,0	0,0
Lecturers:	
Last change: 10.03.2022	
Approved by:	

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty:	
Course ID: FMFI.KI/3-MDM-025/10	Course title: Topological Graph Theory
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 10	
Recommended semester: 1.	
Educational level: III.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus:	
Recommended literature:	
Languages necessary to complete the course:	
Notes:	
Past grade distribution Total number of evaluated students: 4	
ABS	NEABS
100,0	0,0
Lecturers: prof. RNDr. Martin Škoviera, PhD.	
Last change: 02.06.2015	
Approved by:	