

Course descriptions

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COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-032/16		Course title: 2D Chemistry and Nanotechnology			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 7.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 9					
A	B	C	D	E	FX
55,56	33,33	0,0	0,0	11,11	0,0
Lecturers: prof. Ing. Dušan Velič, DrSc.					
Last change: 14.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCXX-009/15		Course title: Analytical chemistry (1)			
Educational activities: Type of activities: practicals / lecture / seminar Number of hours: per week: 5 / 4 / 2 per level/semester: 70 / 56 / 28 Form of the course: on-site learning					
Number of credits: 11					
Recommended semester: 6.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 252					
A	B	C	D	E	FX
5,56	15,48	15,87	28,57	31,75	2,78
Lecturers: doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Marian Masár, PhD., doc. RNDr. Róbert Bodor, PhD., doc. RNDr. Andrea Vojs Staňová, PhD., doc. RNDr. Róbert Góra, PhD., RNDr. Peter Troška, PhD., Mgr. Jasna Hradski, PhD., prof. PharmDr. Josef Jampílek, PhD., Ing. Roman Szücs, PhD.					
Last change: 09.11.2017					
Approved by:					

STATE EXAM DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KAlCh/N-bOBH-100/15	Course title: Bachelor Thesis Defence
Number of credits: 8	
Educational level: I.	
State exam syllabus:	
Last change:	
Approved by:	

STATE EXAM DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KOrCh/N-bOBH-100/15	Course title: Bachelor Thesis Defence
Number of credits: 8	
Educational level: I.	
State exam syllabus:	
Last change:	
Approved by:	

STATE EXAM DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KAgCh/N-bOBH-100/15	Course title: Bachelor Thesis Defense
Number of credits: 8	
Educational level: I.	
State exam syllabus:	
Last change:	
Approved by:	

STATE EXAM DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KFTCh/N-bOBH-100/15	Course title: Bachelor Thesis Defense
Number of credits: 8	
Educational level: I.	
State exam syllabus:	
Last change:	
Approved by:	

STATE EXAM DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KJCh/N-bOBH-100/15	Course title: Bachelor Thesis Defense
Number of credits: 8	
Educational level: I.	
State exam syllabus:	
Last change:	
Approved by:	

STATE EXAM DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KBCh/N-bOBH-100/15	Course title: Bachelor Thesis Defense
Number of credits: 8	
Educational level: I.	
State exam syllabus:	
Last change:	
Approved by:	

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-029/16		Course title: Bachelor Thesis in Theoretical and Computational Chemistry (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: 2					
Recommended semester: 7.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 9					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. Ing. Tomáš Bučko, PhD., prof. RNDr. Ivan Černušák, DrSc., prof. RNDr. Vladimír Kellö, DrSc., doc. Mgr. Pavel Neogrády, DrSc., RNDr. Lukáš Félix Pašteka, PhD., doc. Mgr. Michal Pitoňák, PhD., prof. RNDr. Miroslav Urban, DrSc.					
Last change: 10.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-030/16		Course title: Bachelor Thesis in Theoretical and Computational Chemistry (2)			
Educational activities: Type of activities: practicals / seminar Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 8.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 9					
A	B	C	D	E	FX
88,89	11,11	0,0	0,0	0,0	0,0
Lecturers: doc. Ing. Tomáš Bučko, PhD., prof. RNDr. Ivan Černušák, DrSc., prof. RNDr. Vladimír Kellö, DrSc., doc. Mgr. Pavel Neogrády, DrSc., RNDr. Lukáš Félix Pašteka, PhD., doc. Mgr. Michal Pitoňák, PhD., prof. RNDr. Miroslav Urban, DrSc.					
Last change: 10.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAn/N-XXXX-005/21		Course title: Bioarchaeology			
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: 3					
Recommended semester: 1., 3., 5.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 324					
A	B	C	D	E	FX
90,43	3,09	2,78	0,0	0,0	3,7
Lecturers: doc. RNDr. Radoslav Beňuš, PhD., Mgr. Silvia Bodoriková, PhD., prof. Mgr. Viktor Černý, Dr.					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBCh/N-bCXX-016/15		Course title: Biochemistry (1)			
Educational activities: Type of activities: practicals / lecture / seminar Number of hours: per week: 5 / 4 / 2 per level/semester: 70 / 56 / 28 Form of the course: on-site learning					
Number of credits: 11					
Recommended semester: 5.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 268					
A	B	C	D	E	FX
7,46	17,16	26,12	27,61	16,42	5,22
Lecturers: prof. RNDr. Marta Kollárová, DrSc., doc. Mgr. Peter Polčic, PhD., prof. RNDr. Katarína Mikušová, DrSc., Mgr. Andrea Cillingová, PhD., Mgr. Júlia Zemanová, PhD., Mgr. Petra Chovančíková, PhD.					
Last change: 27.06.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBCh/N-bCXX-017/15		Course title: Biochemistry (2)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 2 per level/semester: 56 / 28 Form of the course: on-site learning					
Number of credits: 8					
Recommended semester: 6.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 148					
A	B	C	D	E	FX
11,49	18,92	18,92	26,35	18,92	5,41
Lecturers: prof. RNDr. Marta Kollárová, DrSc., RNDr. Ingrid Sveráková, PhD., Mgr. Júlia Zemanová, PhD., Mgr. Stanislav Huszár, PhD., Mgr. Andrea Cillingová, PhD., doc. RNDr. Jana Korduláková, PhD., Mgr. Petra Chovančíková, PhD.					
Last change: 29.11.2019					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KGe/N-bCXX-007/15		Course title: Biology			
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: 2					
Recommended semester: 1.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 502					
A	B	C	D	E	FX
20,52	19,32	19,72	22,51	17,13	0,8
Lecturers: prof. RNDr. Ľubomír Tomáška, DrSc.					
Last change: 09.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-121/19		Course title: CLIL 1 – Content and language integrated learning			
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: 2					
Recommended semester: 5.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 12					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Barbara Kordíková, PhD.					
Last change: 07.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-122/19		Course title: CLIL 2 – Content and language integrated learning			
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: 2					
Recommended semester: 6.					
Educational level: I.					
Prerequisites: PriF.KJ/N-bXCJ-121/19 - CLIL 1 – Content and language integrated learning					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 6					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Barbara Kordíková, PhD.					
Last change: 07.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCXX-002/15		Course title: Chemical Calculation (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: 2					
Recommended semester: 3.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 794					
A	B	C	D	E	FX
21,16	15,99	13,48	11,96	16,62	20,78
Lecturers: doc. RNDr. Jozef Tatiersky, PhD., Mgr. Olivier Monfort, PhD.					
Last change: 09.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCAG-005/15		Course title: Chemical Calculation (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: 2					
Recommended semester: 4.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 97					
A	B	C	D	E	FX
50,52	8,25	10,31	5,15	4,12	21,65
Lecturers: doc. RNDr. Jozef Tatiersky, PhD., RNDr. Ján Šimunek, PhD.					
Last change: 14.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCXX-007/15		Course title: Chemical Excursion			
Educational activities: Type of activities: practice Number of hours: per week: per level/semester: 1t Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 5.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 144					
A	B	C	D	E	FX
84,72	7,64	1,39	0,0	0,0	6,25
Lecturers: RNDr. Jana Chrappová, PhD., Ing. Eva Veverková, CSc., RNDr. Robert Kubinec, CSc., doc. RNDr. Michal Galamboš, PhD., RNDr. Eva Viglašová, PhD.					
Last change: 14.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCXX-007/16		Course title: Chemical Informatics			
Educational activities: Type of activities: seminar Number of hours: per week: 1 per level/semester: 14 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 7.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 204					
A	B	C	D	E	FX
76,96	14,22	5,88	2,94	0,0	0,0
Lecturers: prof. Ing. Karol Jesenák, PhD., prof. RNDr. Vladimír Kellö, DrSc., prof. Mgr. Radovan Šebesta, DrSc., RNDr. Robert Kubinec, CSc., doc. RNDr. Róbert Bodor, PhD., Mgr. Stanislav Huszár, PhD., Mgr. Filip Brázdovič, PhD., RNDr. Jana Slimáková, PhD.					
Last change: 09.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCXX-024/16		Course title: Chemical Legislation			
Educational activities: Type of activities: lecture Number of hours: per week: 1 per level/semester: 14 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 8.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 96					
A	B	C	D	E	FX
35,42	21,88	20,83	13,54	8,33	0,0
Lecturers: doc. RNDr. Oľga Roszkopfová, PhD., Mgr. Jana Šmelková, PhD.					
Last change: 14.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCXX-022/15		Course title: Chemical Structure			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 28 / 14 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 8.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 126					
A	B	C	D	E	FX
22,22	24,6	25,4	13,49	11,11	3,17
Lecturers: prof. RNDr. Vladimír Kellö, DrSc., prof. RNDr. Ivan Černušák, DrSc.					
Last change: 13.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-034/17		Course title: Colloidal Chemistry			
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: 2					
Recommended semester: 7.					
Educational level: I.					
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					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. Ing. Marián Janek, PhD.					
Last change: 08.02.2018					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF-FMFI.KDMFI/N- bCXX-006/20		Course title: Doplnkové cvičenia z fyziky (1)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 65					
A	B	C	D	E	FX
23,08	20,0	32,31	1,54	0,0	23,08
Lecturers: PaedDr. Lukáš Bartošovič, PhD., Mgr. Karolína Šromeková					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF-FMFI.KDMFI/N-bCXX-013/20		Course title: Doplnkové cvičenia z fyziky (2)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 54					
A	B	C	D	E	FX
3,7	14,81	16,67	12,96	11,11	40,74
Lecturers: PaedDr. Lukáš Bartošovič, PhD.					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF-FMFI.KAG/N- bCXX-005/20		Course title: Doplnkové cvičenia z matematiky (1)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 54					
A	B	C	D	E	FX
22,22	0,0	35,19	5,56	20,37	16,67
Lecturers: doc. RNDr. Pavel Chalmovianský, PhD., Mgr. Adriana Bosáková, Ing. Martin Čavarga					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF-FMFI.KAG/N- bCXX-012/20		Course title: Doplnkové cvičenia z matematiky (2)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 48					
A	B	C	D	E	FX
10,42	6,25	12,5	18,75	6,25	45,83
Lecturers: Ing. Martin Čavarga					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBCh/N-bCBI-002/15		Course title: Elective Laboratory Practice in Biochemistry (1)			
Educational activities: Type of activities: practicals Number of hours: per week: 5 per level/semester: 70 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3., 5., 7.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 44					
A	B	C	D	E	FX
95,45	2,27	2,27	0,0	0,0	0,0
Lecturers: prof. RNDr. Katarína Mikušová, DrSc.					
Last change: 07.05.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBCh/N-bCBI-004/15		Course title: Elective Laboratory Practice in Biochemistry (2)			
Educational activities: Type of activities: practicals Number of hours: per week: 5 per level/semester: 70 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4., 6., 8.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 25					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: prof. RNDr. Katarína Mikušová, DrSc.					
Last change: 07.05.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCXX-018/17		Course title: Elective Seminar in Analytical Chemistry			
Educational activities: Type of activities: seminar Number of hours: per week: 1 per level/semester: 14 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 6.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 131					
A	B	C	D	E	FX
90,84	8,4	0,0	0,76	0,0	0,0
Lecturers: doc. RNDr. Róbert Bodor, PhD., doc. RNDr. Radoslav Halko, PhD.					
Last change: 10.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF-FMFI.KMANM/N-bCXX-017/15		Course title: Elective Seminar in Mathematics			
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: 2					
Recommended semester: 3.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 222					
A	B	C	D	E	FX
54,5	18,47	6,31	3,15	7,66	9,91
Lecturers: PaedDr. Jana Jakubičková, PhD., doc. PaedDr. Klára Velmovská, PhD.					
Last change: 15.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCOR-001/15		Course title: Elective Seminar in Organic Chemistry			
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: 2					
Recommended semester: 4.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 437					
A	B	C	D	E	FX
33,87	19,45	16,93	10,3	9,38	10,07
Lecturers: doc. Ing. Mária Mečiarová, PhD., doc. RNDr. Peter Magdolen, PhD., RNDr. Viera Poláčková, PhD., Mgr. Andrea Martinická, PhD., Mgr. Henrieta Stankovičová, PhD., Mgr. Tibor Peňaška, PhD., Mgr. Dominika Krištofiková, PhD., Mgr. Viktória Némethová, PhD.					
Last change: 15.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCOR-008/16		Course title: Elective Seminar in Organic Synthesis			
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: 2					
Recommended semester: 4.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 146					
A	B	C	D	E	FX
26,03	20,55	23,29	14,38	4,79	10,96
Lecturers: doc. Ing. Mária Mečiarová, PhD.					
Last change: 27.11.2019					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-070/10		Course title: English 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: 2					
Recommended semester: 3., 5.					
Educational level: I.					
Prerequisites: PriF.KJ/N-bXCJ-120/19 - Foreign language placement test					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 4305					
A	B	C	D	E	FX
45,09	25,32	15,82	7,55	4,6	1,63
Lecturers: PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková, PhD., Mgr. Lenka Jeleňová, PaedDr. Stanislav Kováč, PhD.					
Last change: 07.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-071/10		Course title: English 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: 3					
Recommended semester: 4., 6.					
Educational level: I.					
Prerequisites: PriF.KJ/N-bXCJ-070/10 - English 1					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 4022					
A	B	C	D	E	FX
54,08	23,05	13,6	5,02	3,28	0,97
Lecturers: PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., Mgr. Lenka Jeleňová					
Last change: 07.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-086/10		Course title: English 3			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3., 5.					
Educational level: I.					
Prerequisites: PriF.KJ/N-bXCJ-070/10 - English 1 and PriF.KJ/N-bXCJ-071/10 - English 2 or PriF.KJ/N-bXCJ-114/16 - English language for Chemistry students (2) and PriF.KJ/N-bXCJ-113/16 - English language for Chemistry students (1)					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 611					
A	B	C	D	E	FX
66,28	22,09	7,04	2,29	0,98	1,31
Lecturers: PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková, PhD., Mgr. Aneta Barnes					
Last change: 08.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-087/10		Course title: English 4			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4., 6.					
Educational level: I.					
Prerequisites: PriF.KJ/N-bXCJ-070/10 - English 1 and PriF.KJ/N-bXCJ-071/10 - English 2					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 362					
A	B	C	D	E	FX
73,48	19,89	5,52	0,55	0,28	0,28
Lecturers: PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková, PhD., Mgr. Aneta Barnes					
Last change: 08.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-123/19		Course title: English Placement Test for Students of Chemistry			
Educational activities: Type of activities: Number of hours: per week: per level/semester: Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 1., 2..					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 222					
A	B	C	D	E	FX
99,55	0,0	0,45	0,0	0,0	0,0
Lecturers: PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., Mgr. Barbara Kordíková, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD., Mgr. Karin Rózsová Wolfová					
Last change: 08.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-113/16		Course title: English language for Chemistry students (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: 2					
Recommended semester: 3., 5.					
Educational level: I.					
Prerequisites: PriF.KJ/N-bXCJ-123/19 - English Placement Test for Students of Chemistry					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 212					
A	B	C	D	E	FX
56,6	28,77	8,02	3,3	2,36	0,94
Lecturers: Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD.					
Last change: 08.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-114/16		Course title: English language for Chemistry students (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: 2					
Recommended semester: 4., 6.					
Educational level: I.					
Prerequisites: PriF.KJ/N-bXCJ-113/16 - English language for Chemistry students (1)					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 232					
A	B	C	D	E	FX
65,52	21,98	6,9	3,45	1,29	0,86
Lecturers: Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD.					
Last change: 08.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCEC-337/16		Course title: Environmental Analysis Fundamentals			
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: 2					
Recommended semester: 7.					
Educational level: I.					
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					
A	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0
Lecturers: RNDr. Robert Kubinec, CSc.					
Last change: 15.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCXX-043/15		Course title: Environmental Chemistry			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 28 / 14 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 6.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 109					
A	B	C	D	E	FX
38,53	37,61	14,68	8,26	0,92	0,0
Lecturers: RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD.					
Last change: 10.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCXX-019/16		Course title: Exercise in Physical Chemistry (2)			
Educational activities: Type of activities: practice Number of hours: per week: per level/semester: 6d Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 7.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 86					
A	B	C	D	E	FX
46,51	30,23	16,28	5,81	1,16	0,0
Lecturers: doc. RNDr. Ivan Valent, CSc., Mgr. Táňa Sebechlebská, PhD., RNDr. Eva Noskovičová, PhD., Mgr. Daniel Furka, PhD.					
Last change: 27.12.2019					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-031/16		Course title: Exercise to Bachelor Thesis in Theoretical and Computational Chemistry			
Educational activities: Type of activities: practicals Number of hours: per week: 7 per level/semester: 98 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 8.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 9					
A	B	C	D	E	FX
88,89	11,11	0,0	0,0	0,0	0,0
Lecturers: doc. Ing. Tomáš Bučko, PhD., prof. RNDr. Ivan Černušák, DrSc., doc. Mgr. Pavel Neogrady, DrSc., RNDr. Lukáš Félix Pašteka, PhD., doc. Mgr. Michal Pitoňák, PhD., prof. RNDr. Miroslav Urban, DrSc., prof. RNDr. Vladimír Kellö, DrSc.					
Last change: 10.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-120/19		Course title: Foreign language placement test			
Educational activities: Type of activities: Number of hours: per week: per level/semester: Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 1., 2..					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1291					
A	B	C	D	E	FX
99,77	0,0	0,0	0,0	0,15	0,08
Lecturers: PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., Mgr. Barbara Kordíková, PhD., PhDr. Oľga Pažitková, CSc., Mgr. Karin Rózsová Wolfová, RNDr. Tatiana Slováková, PhD.					
Last change: 08.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF-FMFI.KEF/N- bCXX-018/15	Course title: Fundamentals of Physics
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 2 per level/semester: 14 / 28 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 3.	
Educational level: I.	
Prerequisites:	
Course requirements: continuous assessment: controlled test in the middle of the semester, final assessment: written test, Indicative rating scale: A 90%, B 80%, C 70%, D 60%, E 50%. Credits will not be awarded to a student who obtains a grade of less than 50%. Scale of assessment (preliminary/final): 20/80	
Learning outcomes: Extension and deepening of knowledge from selected parts of high school physics so that the student can use the acquired knowledge in solving physics problems and reach the required entry level required for the subject Physics for Chemistry in next term.	
Class syllabus: System of SI units, dimensional analysis. necessary mathematical apparatus, point mass and determination of its position in 1D, 2D, 3D; Mass point motions: velocity, acceleration, force, Newton's laws of dynamics. circular motion, oscillations and waves. Kinetic and potential energy, momentum, work, power, conservation laws in mechanics, torque, pressure, hydrostatics, hydrodynamics. Temperature, heat, gas statistics, thermodynamics. Gravitational field, Kepler's laws. Electric field, Coulomb's law, intensity and potential of el. field, el. voltage, homogeneous el. field, el. current and resistance. Magnetic field - a vector of magnetic induction, the force acting on an electric charge (current) in a magnetic field, electromagnetic induction, electromagnetic radiation,	
Recommended literature: V.Hajko a kol.: Fyzika v príkladoch, ALFA 1983, Bratislava. F.Hanzelík a kol.: Zbierka riešených úloh z fyziky, ALFA 1989, Bratislava. D. Halliday, R. Resnick, J. Walker: Fundamentals of Physics, Wiley. J. Kúdelčík, P. Hockicko: Základy fyziky, Žilinská univerzita, 2011	
Languages necessary to complete the course: Slovak in combination with English (study literature also in English)	

Notes:

The elective course is provided only in the winter semester and runs concurrently for students of chemistry, biochemistry and medical biology.

Past grade distribution

Total number of evaluated students: 171

A	B	C	D	E	FX
40,35	19,3	7,6	28,07	4,68	0,0

Lecturers: doc. RNDr. Tomáš Roch, Dr. techn.

Last change: 21.06.2022

Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KGe/N-bCXX-008/15		Course title: General Biology			
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: 3					
Recommended semester: 2.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 417					
A	B	C	D	E	FX
35,49	21,58	19,9	12,95	8,15	1,92
Lecturers: prof. RNDr. Ľubomír Tomáška, DrSc.					
Last change: 15.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCXX-001/15		Course title: General Chemistry			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 2 per level/semester: 56 / 28 Form of the course: on-site learning					
Number of credits: 8					
Recommended semester: 3.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 464					
A	B	C	D	E	FX
10,13	13,36	29,96	23,28	18,32	4,96
Lecturers: prof. RNDr. Jozef Noga, DrSc., RNDr. Ján Šimunek, PhD.					
Last change: 09.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KGe/N-bBXX-037/15		Course title: Genetics			
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 5.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 182					
A	B	C	D	E	FX
12,09	22,53	18,68	26,37	15,38	4,95
Lecturers: doc. RNDr. Eliška Gálová, PhD., Mgr. Stanislav Kyzek, PhD., Mgr. Katarína Reichwalderová, Mgr. Dominika Gahurová, PhD., Mgr. Barbora Huraiová, PhD., Mgr. Filip Červenák, PhD.					
Last change: 09.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KGe/N-bBGE-006/15		Course title: Genetics 2: Model Organisms			
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 7.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 147					
A	B	C	D	E	FX
42,86	35,37	12,93	6,8	1,36	0,68
Lecturers: doc. RNDr. Vladimíra Džugasová, PhD., doc. RNDr. Eliška Gálová, PhD., Mgr. Lucia Mentelová, PhD., doc. Mgr. Miroslava Slaninová, Dr., prof. RNDr. Anton Horváth, CSc., RNDr. Miroslava Matúšková, PhD., RNDr. Imrich Barák, DrSc., RNDr. Dušan Žitňan, DrSc., Mgr. Stanislav Kyzek, PhD.					
Last change: 14.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KGe/N-XXXX-004/21		Course title: Genetika pre každého			
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: 3					
Recommended semester: 2., 4., 6.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 368					
A	B	C	D	E	FX
95,38	0,0	0,0	0,0	0,0	4,62
Lecturers: RNDr. Regina Sepšiová, PhD., doc. Mgr. Miroslava Slaninová, Dr., Mgr. Filip Červenák, PhD., doc. RNDr. Andrea Ševčovičová, PhD., doc. RNDr. Eliška Gálová, PhD., Mgr. Stanislav Kyzek, PhD.					
Last change: 15.05.2021					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KRGRR/N-XXXX-001/21		Course title: Geography of the World in the 21.st century			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2., 4., 6.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 16					
A	B	C	D	E	FX
50,0	18,75	18,75	6,25	6,25	0,0
Lecturers: Mgr. Rastislav Cákoci, PhD., RNDr. Katarína Danielová, PhD., doc. RNDr. Daniel Gurňák, PhD., doc. RNDr. František Križan, PhD., doc. RNDr. Eva Rajčáková, CSc., Mgr. Michala Sládeková Madajová, PhD., RNDr. Angelika Švecová, PhD., Mgr. Martin Šveda, PhD., prof. RNDr. Ladislav Tolmáči, PhD., RNDr. Mgr. Anna Tolmáči, PhD., Mgr. Gabriel Zubriczký, PhD.					
Last change: 15.05.2021					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMPLG/N-XXXX-007/21		Course title: Geology in Nutshell			
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 2 per level/semester: 14 / 28 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2., 4., 6.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 18					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: prof. RNDr. Roman Aubrecht, Dr., doc. Mgr. Natália Hlavatá Hudáčková, PhD., doc. RNDr. Jozef Hók, CSc., prof. RNDr. Michal Kováč, DrSc., RNDr. Alexander Lačný, PhD., doc. RNDr. Jana Fridrichová, PhD., RNDr. Ondrej Nemec, PhD.					
Last change: 20.01.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-072/10		Course title: German 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: 2					
Recommended semester: 3., 5.					
Educational level: I.					
Prerequisites: PriF.KJ/N-bXCJ-120/19 - Foreign language placement test					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 587					
A	B	C	D	E	FX
22,15	19,76	25,72	17,21	11,58	3,58
Lecturers: Mgr. Karin Rózsová Wolfová					
Last change: 21.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-073/10		Course title: German 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: 3					
Recommended semester: 4., 6.					
Educational level: I.					
Prerequisites: PriF.KJ/N-bXCJ-072/10 - German 1					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 571					
A	B	C	D	E	FX
25,92	21,19	25,92	16,29	7,18	3,5
Lecturers: Mgr. Karin Rózsová Wolfová					
Last change: 21.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-096/10		Course title: German 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: 2					
Recommended semester: 3., 5.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 94					
A	B	C	D	E	FX
88,3	7,45	2,13	0,0	1,06	1,06
Lecturers: Mgr. Karin Rózsová Wolfová					
Last change: 15.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-097/10		Course title: German 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: 2					
Recommended semester: 4., 6.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 67					
A	B	C	D	E	FX
88,06	10,45	1,49	0,0	0,0	0,0
Lecturers: Mgr. Karin Rózsová Wolfová					
Last change: 21.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KPI/N-XXXX-009/21		Course title: Globálne problémy životného prostredia			
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: 3					
Recommended semester: 2., 4., 6.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 153					
A	B	C	D	E	FX
99,35	0,0	0,65	0,0	0,0	0,0
Lecturers: prof. RNDr. Pavel Dlapa, PhD., RNDr. Martina Zvaríková, PhD., doc. RNDr. Katarína Pavličková, CSc., doc. RNDr. Ľubomír Jurkovič, PhD.					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KEM/N-bXXX-001/19		Course title: Green University 1			
Educational activities: Type of activities: practicals / seminar Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 2., 3., 4., 5., 6..					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 40					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., RNDr. Hubert Žarnovičan, PhD., Mgr. Martin Šebesta, PhD.					
Last change: 11.02.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KEM/N-bXXX-002/19		Course title: Green University 2			
Educational activities: Type of activities: practicals / seminar Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 2., 3., 4., 5., 6..					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 6					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD., RNDr. Hubert Žarnovičan, PhD.					
Last change: 11.02.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCXX-008/15		Course title: Identification and quantification of chemical substances			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 5.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 43					
A	B	C	D	E	FX
23,26	39,53	20,93	4,65	11,63	0,0
Lecturers: doc. RNDr. Róbert Bodor, PhD., doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Marian Masár, PhD., doc. RNDr. Andrea Vojs Staňová, PhD., doc. RNDr. Róbert Góra, PhD., RNDr. Csilla Mišľanová, PhD., Ing. Roman Szücs, PhD.					
Last change: 14.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCJD-008/16		Course title: Information systems in nuclear fields			
Educational activities: Type of activities: seminar Number of hours: per week: 1 per level/semester: 14 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 7.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 7					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: RNDr. Jana Slimáková, PhD.					
Last change: 14.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCXX-004/15		Course title: Inorganic Chemistry (1)			
Educational activities: Type of activities: practicals / lecture / seminar Number of hours: per week: 5 / 3 / 2 per level/semester: 70 / 42 / 28 Form of the course: on-site learning					
Number of credits: 9					
Recommended semester: 4.					
Educational level: I.					
Prerequisites: PriF.KAgCh/N-bCXX-001/15 - General Chemistry					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 412					
A	B	C	D	E	FX
5,1	8,01	13,59	24,51	14,81	33,98
Lecturers: doc. RNDr. Jozef Tatiersky, PhD., RNDr. Lukáš Krivosudský, PhD., Mgr. Martin Motola, PhD.					
Last change: 09.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-003/15		Course title: Introduction to Dynamics of Complex Systems			
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: 2					
Recommended semester: 5.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 45					
A	B	C	D	E	FX
73,33	22,22	2,22	0,0	0,0	2,22
Lecturers:					
Last change: 15.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCAL-037/16		Course title: Introduction to Mass Spectrometry			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 7.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 9					
A	B	C	D	E	FX
33,33	44,44	11,11	0,0	11,11	0,0
Lecturers: doc. RNDr. Andrea Vojs Staňová, PhD.					
Last change: 15.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KDPP/N-bXDI-004/10		Course title: Introduction to Philosophy (1)			
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: 3					
Recommended semester: 5.					
Educational level: I.					
Prerequisites:					
Course requirements: participation, activity, homework or final essay					
Learning outcomes: Understanding of the basic concepts of systematic philosophy and the basic traditions of the history of philosophy.					
Class syllabus: Introduction of the basic concepts of philosophy. A review of the history of philosophy. The emergence of philosophy in antique Greece and its development. Plato and Aristotle. Chosen problems of systematic philosophy.					
Recommended literature: Tarnas, R.: The Passion of the Western Mind Anzenbacher, A.: Introduction to Philosophy					
Languages necessary to complete the course: slovak					
Notes:					
Past grade distribution Total number of evaluated students: 1687					
A	B	C	D	E	FX
50,74	35,74	12,86	0,36	0,18	0,12
Lecturers: Mgr. Štefan Zolcer, PhD.					
Last change: 19.09.2019					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KDPP/N-bXDI-005/10		Course title: Introduction to Philosophy (2)			
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: 3					
Recommended semester: 6.					
Educational level: I.					
Prerequisites:					
Course requirements: participation, activity, homework or final essay					
Learning outcomes: Understanding of the basic concepts of systematic philosophy and the basic traditions of the history of philosophy.					
Class syllabus: Introduction of the basic concepts of philosophy. A review of the history of philosophy. Reflections on the beginnings of modern scientific and philosophical thinking in early modern times and the development of modern philosophy. Chosen problems of systematic philosophy.					
Recommended literature: Tarnas, R.: The Passion of the Western Mind Anzenbacher, A.: Introduction to Philosophy Kuhn, T. S.: The Structure of Scientific Revolutions Rosenberg, A.: Philosophy of Science. A contemporary introduction					
Languages necessary to complete the course: slovak					
Notes:					
Past grade distribution Total number of evaluated students: 1368					
A	B	C	D	E	FX
50,0	33,11	16,01	0,37	0,44	0,07
Lecturers: Mgr. Štefan Zolcer, PhD.					
Last change: 19.09.2019					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCAL-032/15		Course title: Introduction to continuous and flow analysis			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 6.					
Educational level: I.					
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					
A	B	C	D	E	FX
60,0	40,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Róbert Bodor, PhD., doc. RNDr. Radoslav Halko, PhD.					
Last change: 15.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCXX-047/19		Course title: Issues in General Chemistry			
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: 2					
Recommended semester: 3.					
Educational level: I.					
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					
A	B	C	D	E	FX
60,0	0,0	20,0	20,0	0,0	0,0
Lecturers: RNDr. Lukáš Krivosudský, PhD.					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCAG-016/20		Course title: Kolokvium z anorganickej chémie			
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: 2					
Recommended semester: 4.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 50					
A	B	C	D	E	FX
82,0	6,0	4,0	0,0	0,0	8,0
Lecturers: RNDr. Lukáš Krivosudský, PhD.					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCXX-006/15		Course title: Laboratory practice			
Educational activities: Type of activities: practicals Number of hours: per week: 4 per level/semester: 56 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 3.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 475					
A	B	C	D	E	FX
32,84	45,89	12,84	1,26	0,63	6,53
Lecturers: doc. RNDr. Radoslav Halko, PhD., RNDr. Peter Troška, PhD., RNDr. Viera Poláčková, PhD., RNDr. Jana Chrappová, PhD., Mgr. Henrieta Stankovičová, PhD., RNDr. Simona Procházková, PhD., doc. RNDr. Monika Jerigová, PhD., Ing. Oľga Kiššová, RNDr. Csilla Mišľanová, PhD.					
Last change: 09.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-094/10		Course title: Latin			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 510					
A	B	C	D	E	FX
41,76	21,18	13,33	4,71	6,08	12,94
Lecturers: RNDr. Tatiana Slováková, PhD., Mgr. Ivan Lábaj, PhD.					
Last change: 16.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-095/10		Course title: Latin			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 368					
A	B	C	D	E	FX
48,37	20,11	11,41	4,35	2,99	12,77
Lecturers: RNDr. Tatiana Slováková, PhD., Mgr. Ivan Lábaj, PhD.					
Last change: 16.01.2020					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KPI/N-XXXX-008/21		Course title: Man as a part of the nature			
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: 3					
Recommended semester: 1., 3., 5.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 160					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: RNDr. Malvína Čierniková, PhD., prof. RNDr. Pavel Dlpa, PhD., prof. RNDr. Elena Masarovičová, DrSc., prof. PaedDr. Pavol Prokop, DrSc., prof. RNDr. Peter Fedor, DrSc., prof. Ing. Eva Chmielewská, CSc., RNDr. Martina Zvaríková, PhD., RNDr. Martin Labuda, PhD., doc. RNDr. Eva Pauditšová, PhD., RNDr. Hubert Žarnovičan, PhD., doc. RNDr. Stanislav Rapant, DrSc., doc. RNDr. Ľubomír Jurkovič, PhD., Mgr. Tomáš Lánczos, PhD., doc. RNDr. Katarína Pavličková, CSc.					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF-FMFI.KMANM/N-bCXX-015/15		Course title: Mathematics for the Chemistry			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 5 / 4 per level/semester: 70 / 56 Form of the course: on-site learning					
Number of credits: 9					
Recommended semester: 3.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 506					
A	B	C	D	E	FX
16,6	8,5	17,59	17,98	22,33	17,0
Lecturers: doc. RNDr. Eugen Viszus, CSc., Mgr. Milan Kováč, PhD., PaedDr. Lucia Klinovská, PhD., RNDr. Michal Pospíšil, PhD.					
Last change: 09.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-023/16		Course title: Methods in Chemical Research			
Educational activities: Type of activities: lecture Number of hours: per week: 1 per level/semester: 14 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 8.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 90					
A	B	C	D	E	FX
33,33	24,44	22,22	14,44	4,44	1,11
Lecturers: doc. RNDr. Martin Putala, CSc., prof. Ing. Dušan Velič, DrSc., doc. RNDr. Erik Rakovský, PhD., doc. RNDr. Radoslav Halko, PhD.					
Last change: 14.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022						
University: Comenius University Bratislava						
Faculty: Faculty of Natural Sciences						
Course ID: PriF.KMV/N-bCXX-009/15		Course title: Microbiology and Virology				
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course: on-site learning						
Number of credits: 4						
Recommended semester: 3.						
Educational level: I.						
Prerequisites:						
Course requirements:						
Learning outcomes:						
Class syllabus:						
Recommended literature:						
Languages necessary to complete the course:						
Notes:						
Past grade distribution Total number of evaluated students: 661						
A	ABS	B	C	D	E	FX
11,35	0,0	13,92	22,09	25,42	14,83	12,41
Lecturers: doc. RNDr. Miroslava Šupolíková, PhD., prof. RNDr. Helena Bujdáková, CSc., prof. RNDr. Yvetta Gbelská, CSc., doc. RNDr. Katarína Šoltys, PhD., RNDr. Kamila Koči, PhD., PhDr. Eva Nováková						
Last change: 09.01.2020						
Approved by:						

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bBXX-020/15		Course title: Natural Compounds			
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: 3					
Recommended semester: 5., 7.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 6					
A	B	C	D	E	FX
50,0	50,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Ambroz Almáßy, PhD.					
Last change: 27.11.2019					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCOR-004/15		Course title: New Trends in Organic Chemistry			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 6.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 21					
A	B	C	D	E	FX
95,24	0,0	0,0	0,0	0,0	4,76
Lecturers: doc. Ing. Mária Mečiarová, PhD.					
Last change: 14.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCXX-018/15		Course title: Nuclear chemistry			
Educational activities: Type of activities: practicals / lecture / seminar Number of hours: per week: 3 / 2 / 1 per level/semester: 42 / 28 / 14 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 6.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 226					
A	B	C	D	E	FX
15,49	37,17	27,88	16,37	2,21	0,88
Lecturers: doc. RNDr. Michal Galamboš, PhD., doc. RNDr. Jozef Kuruc, CSc., RNDr. Eva Viglašová, PhD., doc. RNDr. Dušan Galanda, PhD.					
Last change: 09.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCXX-013/15		Course title: Numerical Mathematics			
Educational activities: Type of activities: practicals Number of hours: per week: per level/semester: 5d Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 135					
A	B	C	D	E	FX
61,48	13,33	16,3	2,96	2,22	3,7
Lecturers: doc. Mgr. Pavel Neogrady, DrSc., prof. RNDr. Ivan Černušák, DrSc.					
Last change: 14.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-022/16		Course title: Optional Praxis in Chemistry			
Educational activities: Type of activities: practicals Number of hours: per week: 5 per level/semester: 70 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 7.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 17					
A	B	C	D	E	FX
70,59	29,41	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Martin Putala, CSc., RNDr. Jana Chrappová, PhD., prof. RNDr. Ivan Černušák, DrSc., Mgr. Henrieta Stankovičová, PhD., doc. RNDr. Róbert Bodor, PhD., RNDr. Robert Kubinec, CSc.					
Last change: 15.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-024/17		Course title: Optional Seminar in Mechanisms of Organic Reactions			
Educational activities: Type of activities: seminar Number of hours: per week: 1 per level/semester: 14 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 6.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 174					
A	B	C	D	E	FX
29,89	26,44	21,26	15,52	6,32	0,57
Lecturers: doc. RNDr. Martin Putala, CSc., Mgr. Ambroz Almáßy, PhD., Ing. Michal Májek, PhD., Mgr. Peter Šramel, PhD.					
Last change: 02.12.2019					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-011/15		Course title: Organic Chemistry (1)			
Educational activities: Type of activities: practicals / lecture / seminar Number of hours: per week: 5 / 4 / 2 per level/semester: 70 / 56 / 28 Form of the course: on-site learning					
Number of credits: 11					
Recommended semester: 4.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 404					
A	B	C	D	E	FX
9,16	6,68	15,59	22,77	12,13	33,66
Lecturers: doc. Ing. Mária Mečiarová, PhD.					
Last change: 27.11.2019					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-019/15		Course title: Organic Chemistry (2)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 28 / 14 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 6.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 283					
A	B	C	D	E	FX
4,95	8,13	14,84	26,5	22,26	23,32
Lecturers: doc. RNDr. Martin Putala, CSc., Mgr. Ambroz Almáßy, PhD., Ing. Michal Májek, PhD., Mgr. Peter Šramel, PhD.					
Last change: 09.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-012/15		Course title: Perspectives in Chemistry			
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: 2					
Recommended semester: 1., 3.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 101					
A	B	C	D	E	FX
8,91	40,59	24,75	19,8	5,94	0,0
Lecturers: doc. RNDr. Martin Putala, CSc., doc. RNDr. Oľga Rosскопfová, PhD., prof. Ing. Dušan Velič, DrSc., prof. RNDr. Ivan Černušák, DrSc., RNDr. Milan Sýkora, PhD., Mgr. Peter Hrobárik, PhD., doc. RNDr. Erik Rakovský, PhD., RNDr. Marek Cigán, PhD., doc. RNDr. Marian Masár, PhD., doc. Mgr. Peter Polčic, PhD., doc. RNDr. Jana Korduláková, PhD.					
Last change: 14.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBCh/N-bCBI-003/15		Course title: Perspectives of Biochemistry			
Educational activities: Type of activities: seminar Number of hours: per week: 1 per level/semester: 14 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 2., 4.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 73					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Marek Mentel, PhD.					
Last change: 03.03.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBCh/N-XXXX-010/21		Course title: Perspektívy biochémie			
Educational activities: Type of activities: seminar Number of hours: per week: 1 per level/semester: 14 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 2., 4., 6.					
Educational level: I., II.					
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					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Marek Mentel, PhD.					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-XXXX-011/21		Course title: Perspektívy chémie			
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: 2					
Recommended semester: 1., 3., 5.					
Educational level: I., II.					
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					
A	B	C	D	E	FX
33,33	33,33	0,0	33,33	0,0	0,0
Lecturers: RNDr. Marek Cigáň, PhD., doc. RNDr. Martin Putala, CSc., prof. Ing. Dušan Velič, DrSc., prof. RNDr. Ivan Černušák, DrSc., doc. RNDr. Erik Rakovský, PhD., Mgr. Peter Hrobárik, PhD., doc. RNDr. Oľga Roszkopfová, PhD.					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCXX-014/15		Course title: Physical Chemistry 1			
Educational activities: Type of activities: practicals / lecture / seminar Number of hours: per week: 5 / 4 / 2 per level/semester: 70 / 56 / 28 Form of the course: on-site learning					
Number of credits: 11					
Recommended semester: 5.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 261					
A	B	C	D	E	FX
18,39	16,09	19,92	28,35	12,26	4,98
Lecturers: doc. RNDr. Ivan Valent, CSc., prof. Ing. Dušan Velič, DrSc., doc. Mgr. Pavel Neogrády, DrSc., RNDr. Lukáš Félix Pašteka, PhD., prof. RNDr. Vladimír Kellö, DrSc., Mgr. Táňa Sebechlebská, PhD., Mgr. Samuel Furka, PhD.					
Last change: 09.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCXX-023/16		Course title: Physical Chemistry 2			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 28 / 14 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 7.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 93					
A	B	C	D	E	FX
21,51	22,58	26,88	18,28	10,75	0,0
Lecturers: doc. RNDr. Ivan Valent, CSc., prof. Ing. Dušan Velič, DrSc., doc. Mgr. Pavel Neogrady, DrSc., RNDr. Lukáš Félix Pašteka, PhD.					
Last change: 13.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bXTV-104/18		Course title: Physical Education			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 4.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 437					
A	B	C	D	E	FX
99,08	0,0	0,46	0,0	0,46	0,0
Lecturers: Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bXTV-101/18		Course title: Physical Education 1			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 1.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1138					
A	B	C	D	E	FX
99,12	0,7	0,0	0,0	0,0	0,18
Lecturers: Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bXTV-102/18		Course title: Physical Education 2			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 2.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 772					
A	B	C	D	E	FX
99,87	0,0	0,0	0,0	0,0	0,13
Lecturers: Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bXTV-103/18		Course title: Physical Education 3			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 3.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 500					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bXTV-105/18		Course title: Physical Education 5			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 5.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 286					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bXTV-106/18		Course title: Physical Education 6			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 6.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 229					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF-FMFI.KEF/N- bCXX-016/15		Course title: Physics for the Chemistry			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 3 per level/semester: 56 / 42 Form of the course: on-site learning					
Number of credits: 7					
Recommended semester: 4.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 437					
A	B	C	D	E	FX
7,55	8,47	13,73	14,65	30,89	24,71
Lecturers: prof. RNDr. Peter Markoš, DrSc., Mgr. Marián Danko, PhD., RNDr. Ladislav Moravský, PhD., RNDr. Matúš Sámel, PhD., RNDr. Michal Ďurian					
Last change: 09.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KRGRR/N-XXXX-002/21		Course title: Practical Geography for Natural Scientists			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1., 3., 5.					
Educational level: I., II.					
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					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Rastislav Cákoci, PhD., RNDr. Katarína Danielová, PhD., doc. RNDr. Daniel Gurňák, PhD., doc. RNDr. František Križan, PhD., doc. RNDr. Eva Rajčáková, CSc., Mgr. Michala Sládeková Madajová, PhD., RNDr. Angelika Švecová, PhD., Mgr. Martin Šveda, PhD., prof. RNDr. Ladislav Tolmáči, PhD., RNDr. Mgr. Anna Tolmáči, PhD., Mgr. Gabriel Zubriczký, PhD.					
Last change: 15.05.2021					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-020/15		Course title: Practicals in Organic Chemistry (2)			
Educational activities: Type of activities: practice Number of hours: per week: per level/semester: 6d Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 6.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 242					
A	B	C	D	E	FX
37,19	39,67	16,94	4,55	1,24	0,41
Lecturers: doc. RNDr. Peter Magdolen, PhD., Mgr. Iveta Kmentová, PhD., Mgr. Ambroz Almássy, PhD., PharmDr. Ivica Sigmundová, PhD.					
Last change: 09.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KIHG/N-XXXX-012/21		Course title: Praktická geológia pre všetkých			
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: 3					
Recommended semester: 1., 3., 5.					
Educational level: I., II.					
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					
A	B	C	D	E	FX
75,0	0,0	25,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Renáta Adamcová, PhD., prof. RNDr. Martin Bednarik, PhD., Mgr. Rudolf Tornyai, PhD., doc. RNDr. Dávid Krčmář, PhD., Mgr. Martin Zatlakovič, PhD., RNDr. Tatiana Durmeková, PhD., doc. RNDr. Renáta Fľaková, PhD., RNDr. Ivana Ondrejková, PhD., prof. RNDr. Roman Pašteka, PhD., doc. Mgr. Vladimír Greif, PhD., doc. RNDr. Milan Seman, CSc.					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBCh/N-bCBI-020/16		Course title: Principles of Cell Biology			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 7.					
Educational level: I.					
Prerequisites: PriF.KBCh/N-bCXX-016/15 - Biochemistry (1) and PriF.KBCh/N-bCXX-017/15 - Biochemistry (2)					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 122					
A	B	C	D	E	FX
30,33	20,49	21,31	14,75	12,3	0,82
Lecturers: prof. RNDr. Jozef Nosek, DrSc., doc. Mgr. Peter Polčic, PhD.					
Last change: 25.09.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: LF-PriF.KBCh/N- bCBI-005/15		Course title: Principles of Functional Biochemistry			
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: 3					
Recommended semester: 8.					
Educational level: I.					
Prerequisites: PriF.KBCh/N-bCXX-016/15 - Biochemistry (1) and PriF.KBCh/N-bCXX-017/15 - Biochemistry (2)					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 127					
A	B	C	D	E	FX
4,72	11,02	14,96	23,62	40,94	4,72
Lecturers: doc. MUDr. Branislav Líška, CSc., doc. RNDr. Monika Ďurfinová, PhD., prof. MUDr. Ladislav Turecký, CSc.					
Last change: 14.03.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-027/16		Course title: Programming in Chemistry			
Educational activities: Type of activities: practicals Number of hours: per week: 4 per level/semester: 56 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 7.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 10					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. Mgr. Pavel Neogrady, DrSc., doc. Mgr. Michal Pitoňák, PhD.					
Last change: 13.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-028/16		Course title: Quantum Physics			
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: 2					
Recommended semester: 7.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 18					
A	B	C	D	E	FX
72,22	22,22	5,56	0,0	0,0	0,0
Lecturers: prof. RNDr. Miroslav Urban, DrSc.					
Last change: 13.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCJD-006/15		Course title: Radiation and life			
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: 2					
Recommended semester: 1., 3., 5.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 81					
A	B	C	D	E	FX
85,19	7,41	2,47	0,0	0,0	4,94
Lecturers: RNDr. Eva Viglašová, PhD., RNDr. Jana Slimáková, PhD., Ing. Darina Tóthová, CSc., Mgr. Michaela Matulová, PhD.					
Last change: 15.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBo/N-XXXX-003/21		Course title: Rastliny známe neznáme			
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: 3					
Recommended semester: 1., 3., 5.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 110					
A	B	C	D	E	FX
53,64	35,45	2,73	0,0	0,0	8,18
Lecturers: Ing. Mgr. Eva Zahradníková, PhD., doc. Mgr. Katarína Mišíková, PhD., doc. RNDr. Jana Ščevková, PhD.					
Last change: 15.05.2021					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KDPP/N-bXDI-021/21		Course title: Rhetoric SS			
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: 3					
Recommended semester: 2., 4., 6.					
Educational level: I.					
Prerequisites:					
Course requirements: participation, activity, eventually final essay					
Learning outcomes: The aim of the course is to teach students to adequately articulate their ideas, to express their attitudes and opinions, to use argumentation, think critically, to communicate adequately, and to listen or read with understanding.					
Class syllabus: Except the introductory lectures, the course is conceived as seminars with discussions on chosen topics.					
Recommended literature: Aristoteles: Rétorika. Bratislava: Thetis, 2009. Recommended sources are given to each topic separately.					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 35					
A	B	C	D	E	FX
28,57	40,0	20,0	2,86	5,71	2,86
Lecturers: Mgr. Štefan Zolcer, PhD.					
Last change: 02.09.2021					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KDPP/N-bXDI-020/21		Course title: Rhetoric WS			
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: 3					
Recommended semester: 1., 3., 5.					
Educational level: I.					
Prerequisites:					
Course requirements: participation, activity, eventually final essay					
Learning outcomes: The aim of the course is to teach students to adequately articulate their ideas, to express their attitudes and opinions, to use argumentation, think critically, to communicate adequately, and to listen or read with understanding.					
Class syllabus: Except the introductory lectures, the course is conceived as seminars with discussions on chosen topics.					
Recommended literature: Aristoteles: Rétorika. Bratislava: Thetis, 2009. Recommended sources are given to each topic separately.					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 50					
A	B	C	D	E	FX
30,0	30,0	14,0	2,0	2,0	22,0
Lecturers: Mgr. Štefan Zolcer, PhD.					
Last change: 02.09.2021					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KŽFE/N-bBFE-021/15		Course title: Selected chapters from Animal Physiology			
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: 3					
Recommended semester: 7.					
Educational level: I.					
Prerequisites: PriF.KBCh/N-bCXX-016/15 - Biochemistry (1) and PriF.KBCh/N-bCXX-017/15 - Biochemistry (2)					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 117					
A	B	C	D	E	FX
12,82	16,24	21,37	13,68	35,9	0,0
Lecturers: doc. Mgr. Monika Okuliarová, PhD., Mgr. Peter Štefánik, PhD., prof. RNDr. Michal Zeman, DrSc., Mgr. Jana Zlacká, PhD., Mgr. Roman Moravčík, PhD.					
Last change: 09.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bUXX-205/15		Course title: Summer physic-educational meeting 2			
Educational activities: Type of activities: other Number of hours: per week: per level/semester: 7d Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 2., 4.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 371					
A	B	C	D	E	FX
99,46	0,0	0,0	0,0	0,0	0,54
Lecturers: Mgr. Kristína Vanýsková, PaedDr. Vladimír Pajkoš					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KZ/N-XXXX-006/21		Course title: Teória druhu			
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: 2					
Recommended semester: 2., 4., 6.					
Educational level: I., II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 9					
A	B	C	D	E	FX
77,78	11,11	11,11	0,0	0,0	0,0
Lecturers: doc. Mgr. Peter Vďačný, PhD.					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCXX-015/15		Course title: Theory of Chemical Bond			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 28 / 14 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 7.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 108					
A	B	C	D	E	FX
20,37	7,41	15,74	23,15	32,41	0,93
Lecturers: prof. RNDr. Ivan Černušák, DrSc., prof. RNDr. Miroslav Urban, DrSc.					
Last change: 13.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-046/16		Course title: Toxicology			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 8.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 113					
A	B	C	D	E	FX
61,06	21,24	10,62	4,42	1,77	0,88
Lecturers: Mgr. Henrieta Stankovičová, PhD.					
Last change: 14.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-001/15		Course title: What is Physical and Theoretical Chemistry?			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 70					
A	B	C	D	E	FX
97,14	1,43	0,0	0,0	1,43	0,0
Lecturers: doc. Mgr. Michal Pitoňák, PhD., prof. RNDr. Ivan Černušák, DrSc.					
Last change: 14.11.2017					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bUXX-201/00		Course title: Winter physic-educational meeting			
Educational activities: Type of activities: other Number of hours: per week: per level/semester: 7d Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 1., 3., 5.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 556					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Martin Mokošák, PhD.					
Last change: 02.06.2015					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCXX-001/20		Course title: Základné chemické výpočty			
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: 2					
Recommended semester: 1.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 67					
A	B	C	D	E	FX
22,39	28,36	16,42	8,96	1,49	22,39
Lecturers: Ing. Darina Tóthová, CSc., RNDr. Eva Viglašová, PhD.					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCXX-008/20		Course title: Základy chémie (1)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 3 per level/semester: 28 / 42 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 1.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 67					
A	B	C	D	E	FX
13,43	16,42	11,94	13,43	17,91	26,87
Lecturers: prof. RNDr. Jozef Noga, DrSc., RNDr. Zuzana Matkovičová, PhD., RNDr. Jana Chrappová, PhD.					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-008/20		Course title: Základy chémie (2)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 3 per level/semester: 28 / 42 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 2.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 56					
A	B	C	D	E	FX
3,57	7,14	14,29	7,14	8,93	58,93
Lecturers: doc. RNDr. Martin Putala, CSc., RNDr. Jana Chrappová, PhD., Mgr. Henrieta Stankovičová, PhD.					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF-FMFI.KDMFI/N- bCXX-003/20		Course title: Základy fyziky (1)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 1.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 67					
A	B	C	D	E	FX
8,96	23,88	20,9	11,94	7,46	26,87
Lecturers: doc. RNDr. Peter Demkanin, PhD., Mgr. Silvia Novotná, PaedDr. Tünde Kiss, PhD.					
Last change: 06.02.2021					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF-FMFI.KDMFI/N- bCXX-011/20		Course title: Základy fyziky (2)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 2.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 55					
A	B	C	D	E	FX
14,55	0,0	9,09	10,91	18,18	47,27
Lecturers: doc. PaedDr. Viera Haverlíková, PhD., PaedDr. Tünde Kiss, PhD.					
Last change: 06.02.2021					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCXX-009/20		Course title: Základy laboratórnej techniky			
Educational activities: Type of activities: practicals Number of hours: per week: 4 per level/semester: 56 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 2.					
Educational level: I.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 22					
A	B	C	D	E	FX
4,55	45,45	27,27	4,55	18,18	0,0
Lecturers: Ing. Darina Tóthová, CSc., RNDr. Eva Viglašová, PhD.					
Last change:					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF-FMFI.KAG/N- bCXX-002/20	Course title: Základy matematiky (1)
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course: on-site learning	
Number of credits: 6	
Recommended semester: 1.	
Educational level: I.	
Prerequisites:	
Course requirements: The student can get 50% for exercises and 50% for the final exam. The student must obtain at least half of the points for the exercises in order to pass to the final exam. During the teaching part of the semester, the student obtains points via written homework assignments. The final exam consists of a passfail test (10%) and a regular test (20% examples, 20% theoretical questions). Successful completion (8 points out of 10 points) of the passfail test is a necessary condition for admission to the regular test. To successfully pass the final exam, it is necessary to obtain at least half of the points together for both of the final exam tests. Grading: A (100-91), B (90-81), C (80-71), D (70-61), E (60-51), Fx (50-0). Scale of assessment (preliminary/final): Preliminary assessment 50% (written homework assignments) / 50% final exam (10% passfail and 40% regular test).	
Learning outcomes: Students will gain the necessary skills in manipulation with numbers, mathematical expressions, elementary functions. They will expand their knowledge of geometry.	
Class syllabus: 1. Mathematical terminology and mathematical logic. Basics of proper mathematical expression and designation. 2. Logical formulae and proofs. Types of mathematical proofs illustrated in elementary examples. 3. Sets and number sets (basic operations with numbers and expressions, numbers, various notations, fractions). Numbers and their geometric representation on a line (absolute value and its geometric meaning). 4. Elementary number theory, divisibility, prime numbers, compound numbers. 5. Expressions, linear and quadratic expressions with variables. Properties of mathematical operations (commutation, distribution, simplification, etc.) 6. Elementary functions (polynomial, linear, quadratic, n-th power and n-th root, trigonometric, exponential, logarithmic functions, their properties and calculation). The graph of a real function and its basic properties.	

7. Equations and inequalities of one variable (linear and quadratic, with absolute value, with n-th power and n-th root, trigonometric, exponential, logarithmic). Calculator vs. adjustment before enumeration.					
Recommended literature: Základy matematiky / Mário Boroš : Ikar, 2016 Seminár z matematiky 1-3 / Zbyněk Kubáček, Ján Žabka : Mapa Slovakia					
Languages necessary to complete the course: Slovak, English					
Notes:					
Past grade distribution Total number of evaluated students: 67					
A	B	C	D	E	FX
0,0	7,46	19,4	17,91	4,48	50,75
Lecturers: RNDr. Martina Bátorová, PhD.					
Last change: 21.06.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF-FMFI.KAG/C- bCXX-010/20	Course title: Základy matematiky (2)
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course: on-site learning	
Number of credits: 6	
Recommended semester: 2.	
Educational level: I.	
Prerequisites:	
Course requirements: The student can get 50% for exercises and 50% for the final exam. The student must obtain at least half of the points for the exercises in order to pass to the final exam. During the teaching part of the semester, the student obtains points via written homework assignments. The final exam consists of a passfail test (10%) and a regular test (20% examples, 20% theoretical questions). Successful completion (8 points out of 10 points) of the passfail test is a necessary condition for admission to the regular test. To successfully pass the final exam, it is necessary to obtain at least half of the points together for both of the final exam tests. Grading: A (100-91), B (90-81), C (80-71), D (70-61), E (60-51), Fx (50-0). Scale of assessment (preliminary/final): Preliminary assessment 50% (written homework assignments) / 50% final exam (10% passfail and 40% regular test).	
Learning outcomes: Students will acquire the necessary skills in mathematical operations with complex numbers, combinatorics, basics of probability and statistics, and analytical and synthetic geometry in the plane and space.	
Class syllabus: 8. Basics of calculating sequences and series (arithmetic and geometric sequence, partial sums) and their applications. 9. Linear equations and inequalities with two or three unknowns and their solutions. Equation and inequalities with parameters. 10. Elementary analytical geometry in the plane (vectors, lines, triangle, polygon, circle, conic section, scalar product) and its relationship with solutions of equations. Isometries and similarities in plane. 11. Elementary analytical geometry in space (planes, vector product). Basic bodies and their imaging. 12. Complex numbers, calculations and their geometric properties (representations, basic operations, complex n-th power and n-th root, Moivre's theorem) 13. Basic combinatorial procedures without using the traditional formulae	

14. Basic concept of probability and statistics (reading diagrams and understanding of basic statistical indicators, basic understanding of the relationship between truth and statistical indicator)					
15. Limits via geometric and computational methods (basic rules of calculating limits, derivatives of elementary functions, graphs of functions and their properties)					
Recommended literature:					
Základy matematiky / Mário Boroš : Ikar, 2016					
Seminár z matematiky 1-3 / Zbyněk Kubáček, Ján Žabka : Mapa Slovakia					
Languages necessary to complete the course:					
Slovak, English					
Notes:					
Past grade distribution					
Total number of evaluated students: 59					
A	B	C	D	E	FX
0,0	1,69	5,08	13,56	6,78	72,88
Lecturers: RNDr. Martina Bátorová, PhD.					
Last change: 21.06.2022					
Approved by:					