

Course descriptions

TABLE OF CONTENTS

1. N-bCXX-005/20	Additional practice in Mathematics (1).....	5
2. N-bCXX-012/20	Additional practice in Mathematics (2).....	6
3. N-bCXX-006/20	Additional practice in Physics (1).....	7
4. N-bCXX-013/20	Additional practice in Physics (2).....	8
5. N-bCAG-020/22	Advanced Inorganic Chemistry.....	9
6. N-bCAL-044/22	Analytical Chemistry (1).....	10
7. N-bCAL-045/22	Analytical Chemistry (2).....	11
8. N-bCAL-046/22	Analytical Chemistry Practicals (1).....	12
9. N-bCAL-047/22	Analytical Chemistry Practicals (2).....	13
10. N-bCAG-012/22	Bachelor Dissertation in Inorganic Chemistry (1).....	14
11. N-bCAG-022/22	Bachelor Dissertation in Inorganic Chemistry (2).....	15
12. N-bCOR-015/22	Bachelor Project from Organic and Bioorganic Chemistry (1).....	16
13. N-bCOR-022/22	Bachelor Project from Organic and Bioorganic Chemistry (2).....	17
14. N-bCOR-021/22	Bachelor Project from Organic and Bioorganic Chemistry - Practicals.....	18
15. N-bCBI-021/22	Bachelor Thesis in Biochemistry (1).....	19
16. N-bCBI-022/22	Bachelor Thesis in Biochemistry (2).....	21
17. N-bCFZ-024/22	Bachelor Thesis in Physical Chemistry (1).....	23
18. N-bCFZ-038/22	Bachelor Thesis in Physical Chemistry (2).....	24
19. N-bCFZ-029/22	Bachelor Thesis in Theoretical and Computational Chemistry (1).....	25
20. N-bCFZ-040/22	Bachelor Thesis in Theoretical and Computational Chemistry (2).....	26
21. N-bCAL-039/22	Bachelor thesis in analytical chemistry (1).....	27
22. N-bCAL-050/22	Bachelor thesis in analytical chemistry (2).....	28
23. N-bOBH-102/22	Bachelor's Thesis Defence (state exam).....	29
24. N-bOBH-101/22	Bachelor's Thesis Defence in Analytical Chemistry (state exam).....	30
25. N-bOBH-101/22	Bachelor's Thesis Defence in Inorganic Chemistry (state exam).....	31
26. N-bOBH-101/22	Bachelor's Thesis Defence in Nuclear chemistry and Radioecology (state exam).....	32
27. N-bOBH-101/22	Bachelor's Thesis Defence in Physical Chemistry (state exam).....	33
28. N-bOBH-102/22	Bachelor's Thesis Defence in Physical Chemistry in Theoretical and Computational Chemistry (state exam).....	34
29. N-bCJD-039/22	Bachelor's Thesis in Nuclear chemistry and Radioecology (1).....	35
30. N-bCJD-040/22	Bachelor's Thesis in Nuclear chemistry and Radioecology (2).....	36
31. N-bOBH-101/22	Bachelor's Thesis in Organic and Bioorganic Chemistry Defence (state exam).....	37
32. N-bCXX-008/22	Basics of Chemistry (1).....	38
33. N-bCOR-010/22	Basics of Chemistry (2).....	39
34. N-bCXX-001/22	Basics of chemical calculations.....	40
35. N-bCXX-009/22	Basics of laboratory technology.....	41
36. N-XXXX-005/21	Bioarchaeology.....	42
37. N-bCXX-018/22	Biochemistry (1).....	43
38. N-bCXX-020/22	Biochemistry Practicals.....	44
39. N-bCBI-019/22	Biochemistry and Cell Biology Laboratory.....	45
40. N-bCXX-002/22	Chemical Calculation (1).....	46
41. N-bCAG-005/22	Chemical Calculation (2).....	47
42. N-bCXX-007/22	Chemical Excursion.....	48
43. N-bCJD-043/22	Chemical Legislation.....	49
44. N-bCXX-017/22	Chemical Modeling.....	50

45. N-bCXX-022/22	Chemical Structure.....	51
46. N-bCAG-016/22	Colloquium in Inorganic Chemistry.....	52
47. N-bXCJ-132/22	ESP 1/English for Specific Purposes.....	53
48. N-bXCJ-133/22	ESP 2/English for Specific Purposes.....	54
49. N-bXCJ-134/22	ESP 3/English for Specific Purposes.....	55
50. N-bXCJ-135/22	ESP 4/English for Specific Purposes.....	56
51. N-bCXX-022/22	Elective Practice from Chemistry.....	57
52. N-bCXX-017/15	Elective Seminar in Mathematics.....	58
53. N-bCJD-037/22	Elective Seminar in Nuclear chemistry.....	59
54. N-bCFZ-044/24	Elective Seminar in Physical Chemistry.....	60
55. N-bCXX-025/23	Elective Seminar on Mechanisms of Organic Reactions.....	61
56. N-bCOR-001/22	Elective Seminar on Organic Chemistry.....	62
57. N-bCOR-008/22	Elective Seminar on Organic Synthesis.....	63
58. N-bCEC-337/22	Environmental Analysis Fundamentals.....	64
59. N-bCXX-043/22	Environmental Chemistry.....	65
60. N-bCJD-038/22	Exercise for Bachelor's Thesis in Nuclear chemistry and Radioecology.....	66
61. N-bCJD-042/22	Exercise in Nuclear chemistry.....	67
62. N-bCXX-026/22	Exercise in Physical Chemistry (1).....	68
63. N-bCXX-019/22	Exercise in Physical Chemistry (2).....	69
64. N-bCFZ-037/22	Exercises for a Bachelor's Thesis in Physical Chemistry.....	70
65. N-bCFZ-043/22	Exercises for a Bachelor's Thesis in Theoretical and Computational Chemistry.....	71
66. N-bXCJ-136/22	Fachdeutsch in Naturwissenschaften 1.....	72
67. N-bXCJ-137/22	Fachdeutsch in Naturwissenschaften 2.....	73
68. N-bCXX-002/20	Fundamentals of Mathematics (1).....	74
69. C-bCXX-010/20	Fundamentals of Mathematics (2).....	76
70. N-bCXX-003/20	Fundamentals of Physics (1).....	78
71. N-bCXX-011/20	Fundamentals of Physics (2).....	79
72. N-bCXX-019/22	Fundamentals of Physics for Chemistry.....	80
73. N-bCXX-010/22	General Chemistry.....	82
74. N-XXXX-004/21	Genetics for everyone.....	83
75. N-XXXX-001/21	Geography of the World in the 21.st century.....	84
76. N-XXXX-007/21	Geology in Nutshell.....	85
77. N-XXXX-009/21	Global Environmental Issues.....	86
78. N-bXXX-001/22	Green University 1.....	87
79. N-bXXX-002/22	Green University 2.....	88
80. N-bCXX-008/22	Identification and Quantification of Chemical Substances.....	89
81. N-bCJD-036/22	Information systems in nuclear fields.....	90
82. N-bCAG-017/22	Inorganic Chemistry (1).....	91
83. N-bCAG-018/22	Inorganic Chemistry (2).....	92
84. N-bCAL-043/22	Introduction to Bioanalytical Chemistry.....	93
85. N-bCAL-037/22	Introduction to Mass Spectrometry.....	94
86. N_bCFZ-042/22	Introduction to Mathematical Processing of Chemical Data.....	95
87. N-bCAG-019/22	Lab Practical in Inorganic Chemistry.....	96
88. N-bCXX-006/22	Laboratory Technique.....	97
89. N-bXCJ-138/22	Latin.....	98
90. N-XXXX-008/21	Man as a part of the nature.....	99
91. N-bCXX-150/22	Mathematics for the Chemistry.....	100
92. N-bBXX-015/22	Medicinal Chemistry.....	102

93. N-bCXX-023/22	Methods in Chemical Research.....	103
94. N-bCXX-021/22	Molecular Spectroscopy.....	104
95. N-bBXX-026/22	Natural Compounds.....	105
96. N-bCOR-023/22	New Trends in Organic Chemistry.....	106
97. N-bLPM-049/22	Nové trendy v materiálovej chémii.....	107
98. N-bCJD-029/22	Nuclear chemistry 1.....	108
99. N-bCJD-028/22	Nuclear chemistry 2.....	109
100. N-bCXX-024/22	Numerical mathematics.....	110
101. N-bCXX-018/22	Optional Seminar in Analytical Chemistry.....	111
102. N-bCAG-023/22	Optional Seminar in Inorganic Chemistry.....	112
103. N-bCXX-047/22	Organic Chemistry 1.....	113
104. N-bCXX-048/22	Organic Chemistry 2.....	114
105. N-bCOR-014/22	Organic Synthesis.....	115
106. N-bCXX-012/22	Perspectives in Chemistry.....	116
107. N-XXXX-011/21	Perspectives in Chemistry.....	117
108. N-bCBI-003/22	Perspectives of Biochemistry.....	118
109. N-XXXX-010/22	Perspectives of Biochemistry.....	119
110. N-bCXX-025/22	Physical Chemistry 1.....	120
111. N-bCXX-023/22	Physical Chemistry 2.....	121
112. N-bXTV-101/22	Physical Education 1.....	122
113. N-bXTV-102/22	Physical Education 2.....	123
114. N-bXTV-103/22	Physical Education 3.....	124
115. N-bXTV-104/22	Physical Education 4.....	125
116. N-bXTV-105/22	Physical Education 5.....	126
117. N-bXTV-106/22	Physical Education 6.....	127
118. N-bCXX-016/15	Physics for the Chemistry.....	128
119. N-XXXX-003/21	Plants known and unknown.....	129
120. N-XXXX-002/21	Practical Geography for Natural Scientists.....	130
121. N-XXXX-012/21	Practical Geology for Everyone.....	131
122. N-bCAL-048/22	Practical for a Bachelor's Thesis in Analytical Chemistry.....	132
123. N-bCBI-026/22	Practical for a Bachelor's Thesis in Biochemistry.....	133
124. N-bCAG-021/22	Practical for a Bachelor's Thesis in Inorganic Chemistry.....	134
125. N-bCXX-049/22	Practicals in Organic Chemistry (1).....	135
126. N-bCXX-020/22	Practicals in Organic Chemistry (2).....	136
127. N-bCBI-020/22	Principles of Cell Biology.....	137
128. N-bCFZ-027/22	Programming in Chemistry.....	139
129. N-bCJD-041/22	Radiation and life.....	140
130. N-bXTV-110/22	River rafting.....	141
131. N-bXCJ-128/22	Scientific English for Chemistry 1.....	142
132. N-bXCJ-129/22	Scientific English for Chemistry 2.....	143
133. N-bCAG-015/22	Selected topics of coordination chemistry and stereochemistry.....	144
134. N-bCAL-051/22	Seminar in Separation Methods.....	145
135. N-bCAL-049/22	Separation Methods.....	146
136. N-bXCJ-142/24	Slovak for Foreign Students.....	147
137. N-bXXX-003/23	Soft-skills: Scientific Literacy and Communication in Natural Sciences.....	148
138. N-bUXX-208/25	Summer Physical-Education Training.....	149
139. N-bCAG-008/22	The Chemistry of Nanomaterials.....	150
140. N-bCXX-015/22	Theory of Chemical Bond.....	151

141. N-XXXX-006/21	Theory of species.....	152
142. N-bCXX-046/22	Toxicology.....	153
143. N-bXCJ-140/23	UNIcert preparatory course 1.....	154
144. N-bXCJ-141/23	UNIcert preparatory course 2.....	155
145. N-bCFZ-001/22	What is Physical and Theoretical Chemistry?.....	156
146. N-bUXX-207/25	Winter Physical-Education Training.....	157
147. N-bXTV-208/25	Winter Physical-Education Training.....	158
148. N-bZEG-055/24	World, society and development through the eyes of human geography and demography.....	159
149. N-bXTV-109/22	Đumbier mountain hiking.....	160

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF-FMFI.KAG/N- bCXX-005/20		Course title: Additional practice in Mathematics (1)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: I.					
Prerequisites:					
Course requirements: Scale of assessment (preliminary/final): A (100-92), B (91-84), C (83-76), D (75-68), E (67-60), Fx (<60)					
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
18,52	2,47	24,69	9,88	19,75	24,69
Lecturers: doc. RNDr. Pavel Chalmovianský, PhD., Ing. Martin Čavarga, RNDr. Klaudia Hamajová, RNDr. Martina Bátorová, PhD.					
Last change: 08.11.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF-FMFI.KAG/N- bCXX-012/20		Course title: Additional practice in Mathematics (2)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 26 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: 61					
A	B	C	D	E	FX
11,48	6,56	14,75	16,39	6,56	44,26
Lecturers: RNDr. Martina Bátorová, PhD.					
Last change: 08.11.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF-FMFI.KDMFI/N- bCXX-006/20		Course title: Additional practice in Physics (1)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 26 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: 95					
A	B	C	D	E	FX
21,05	21,05	22,11	8,42	1,05	26,32
Lecturers: PaedDr. Lukáš Bartošovič, PhD.					
Last change: 07.11.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF-FMFI.KDMFI/N- bCXX-013/20		Course title: Additional practice in Physics (2)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 26 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: 68					
A	B	C	D	E	FX
10,29	13,24	14,71	10,29	8,82	42,65
Lecturers: PaedDr. Lukáš Bartošovič, PhD.					
Last change: 07.11.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCAG-020/22		Course title: Advanced Inorganic Chemistry			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning					
Number of credits: 3					
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: 5					
A	B	C	D	E	FX
60,0	20,0	0,0	20,0	0,0	0,0
Lecturers: Mgr. Peter Hrobárik, PhD., doc. Mgr. Olivier Monfort, PhD., Mgr. Martin Motola, PhD., prof. RNDr. Gustáv Plesch, DrSc., RNDr. Milan Sýkora, PhD., MBA					
Last change: 26.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCAL-044/22		Course title: Analytical Chemistry (1)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 2 per level/semester: 52 / 26 Form of the course: on-site learning					
Number of credits: 6					
Recommended semester: 6.					
Educational level: I.					
Prerequisites: PriF.KAgCh/N-bCXX-010/22 - 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: 120					
A	B	C	D	E	FX
21,67	11,67	16,67	12,5	25,0	12,5
Lecturers: doc. RNDr. Róbert Bodor, PhD., doc. RNDr. Radoslav Halko, PhD.					
Last change: 07.02.2024					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCAL-045/22		Course title: Analytical Chemistry (2)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 7.					
Educational level: I.					
Prerequisites: PriF.KAlCh/N-bCAL-044/22 - Analytical Chemistry (1)					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 62					
A	B	C	D	E	FX
17,74	24,19	17,74	16,13	19,35	4,84
Lecturers: doc. RNDr. Andrea Vojs Staňová, PhD., prof. RNDr. Marian Masár, PhD.					
Last change: 07.02.2024					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCAL-046/22		Course title: Analytical Chemistry Practicals (1)			
Educational activities: Type of activities: practicals Number of hours: per week: 5 per level/semester: 65 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 6.					
Educational level: I.					
Prerequisites: PriF.KAlCh/N-bCXX-006/22 - Laboratory Technique					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 119					
A	B	C	D	E	FX
32,77	20,17	25,21	11,76	4,2	5,88
Lecturers: RNDr. Peter Troška, PhD., Mgr. Jasna Hradski, PhD., RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD.					
Last change: 07.02.2024					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCAL-047/22		Course title: Analytical Chemistry Practicals (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: 7.					
Educational level: I.					
Prerequisites: PriF.KAlCh/N-bCAL-044/22 - Analytical Chemistry (1)					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 60					
A	B	C	D	E	FX
45,0	28,33	16,67	8,33	1,67	0,0
Lecturers: doc. RNDr. Andrea Vojs Staňová, PhD., RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD., doc. RNDr. Róbert Bodor, PhD.					
Last change: 07.02.2024					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCAG-012/22		Course title: Bachelor Dissertation in Inorganic Chemistry (1)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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: 5					
A	B	C	D	E	FX
60,0	40,0	0,0	0,0	0,0	0,0
Lecturers: RNDr. Jana Chrappová, PhD., prof. RNDr. Jozef Noga, DrSc., doc. RNDr. Erik Rakovský, PhD., RNDr. Ján Šimuněk, PhD., doc. Mgr. Olivier Monfort, PhD., Mgr. Martin Motola, PhD., Mgr. Peter Hrobárik, PhD., RNDr. Milan Sýkora, PhD., MBA, RNDr. Marcel Zámocký, DrSc., Mgr. Natalia Lucia Miklášová, PhD., doc. Svitlana Vitushkina, PhD.					
Last change: 27.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCAG-022/22		Course title: Bachelor Dissertation in Inorganic Chemistry (2)			
Educational activities: Type of activities: practicals / seminar Number of hours: per week: 5 / 2 per level/semester: 65 / 26 Form of the course: on-site learning					
Number of credits: 7					
Recommended semester: 8.					
Educational level: I.					
Prerequisites: PriF.KAgCh/N-bCAG-020/22 - Advanced Inorganic Chemistry					
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
83,33	0,0	0,0	0,0	0,0	16,67
Lecturers: doc. RNDr. Erik Rakovský, PhD., RNDr. Milan Sýkora, PhD., MBA, RNDr. Ján Šimunek, PhD., doc. Mgr. Olivier Monfort, PhD., Mgr. Peter Hrobárik, PhD., Mgr. Martin Motola, PhD., prof. RNDr. Jozef Noga, DrSc., RNDr. Jana Chrappová, PhD., RNDr. Marcel Zámocký, DrSc., Mgr. Natalia Lucia Miklášová, PhD., doc. Svitlana Vitushkina, PhD.					
Last change: 27.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCOR-015/22		Course title: Bachelor Project from Organic and Bioorganic Chemistry (1)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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: 30					
A	B	C	D	E	FX
63,33	20,0	0,0	6,67	6,67	3,33
Lecturers: prof. Mgr. Radovan Šebesta, DrSc.					
Last change: 25.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCOR-022/22		Course title: Bachelor Project from Organic and Bioorganic Chemistry (2)			
Educational activities: Type of activities: practicals / seminar Number of hours: per week: 5 / 2 per level/semester: 65 / 26 Form of the course: on-site learning					
Number of credits: 7					
Recommended semester: 8.					
Educational level: I.					
Prerequisites: PriF.KOrCh/N-bCOR-014/22 - Organic Synthesis					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 19					
A	B	C	D	E	FX
78,95	5,26	5,26	5,26	0,0	5,26
Lecturers: Mgr. Ambroz Almássy, PhD., RNDr. Viera Poláčková, PhD., doc. RNDr. Martin Putala, CSc., doc. RNDr. Andrej Boháč, CSc., RNDr. Marek Cigán, PhD., Mgr. Henrieta Stankovičová, PhD., prof. Mgr. Radovan Šebesta, DrSc., Mgr. Peter Šramel, PhD., RNDr. Pavol Tisovský, PhD., Mgr. Juraj Filo, PhD., Mgr. Iveta Kmentová, PhD., doc. RNDr. Peter Magdolen, PhD., Ing. Michal Májek, PhD., doc. Ing. Mária Mečiarová, PhD., Mgr. Tibor Peňaška, PhD., Mgr. Dominika Mravcová, PhD., Mgr. Bernard Mravec, PhD., Mgr. Viktória Némethová, PhD., Mgr. Lucia Kováčiková, PhD., Mgr. Lukáš Kerner, PhD., Ing. Péter Kisszékelyi, PhD., Ing. Tomáš Čarný, PhD.					
Last change: 14.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCOR-021/22		Course title: Bachelor Project from Organic and Bioorganic Chemistry - Practicals			
Educational activities: Type of activities: practicals Number of hours: per week: 3 per level/semester: 39 Form of the course: on-site learning					
Number of credits: 3					
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: 30					
A	B	C	D	E	FX
86,67	6,67	0,0	3,33	0,0	3,33
Lecturers: Mgr. Ambroz Almássy, PhD., RNDr. Viera Poláčková, PhD., doc. RNDr. Martin Putala, CSc., RNDr. Marek Cigáň, PhD., Mgr. Henrieta Stankovičová, PhD., prof. Mgr. Radovan Šebesta, DrSc., Mgr. Peter Šramel, PhD., RNDr. Pavol Tisovský, PhD., Mgr. Juraj Filo, PhD., Mgr. Iveta Kmentová, PhD., doc. RNDr. Peter Magdolen, PhD., Ing. Michal Májek, PhD., doc. Ing. Mária Mečiarová, PhD., Mgr. Tibor Peňaška, PhD., Mgr. Dominika Mravcová, PhD., Mgr. Bernard Mravec, PhD., Mgr. Viktória Némethová, PhD., Mgr. Lucia Kováčiková, PhD., doc. RNDr. Andrej Boháč, CSc., Mgr. Lukáš Kerner, PhD., Ing. Péter Kisszékelyi, PhD., Ing. Tomáš Čarný, PhD.					
Last change: 25.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KBCh/N-bCBI-021/22	Course title: Bachelor Thesis in Biochemistry (1)
Educational activities: Type of activities: practicals / seminar Number of hours: per week: 1 / 2 per level/semester: 13 / 26 Form of the course: on-site learning	
Type, volume, methods and workload of the student - additional information Form of Study: practical training / seminar Number of contact hours: per week: 1/2 per level/semester: 13 / 26 Form of the course: on-site learning, remote	
Number of credits: 3	
Recommended semester: 7.	
Educational level: I.	
Prerequisites:	
Course requirements: The course consists of two blocks: (i) seminars, focused on the analysis of selected original scientific publications and bachelor's theses defended in the Biochemistry study program, their presentation and discussion; (ii) practical training, in which students will elaborate seminar tasks aimed at working with information resources and specialised software. The practicals will end with a written test. The evaluation will take into account the activity of students in seminars (66%) and practicals (33%) as follows: A - excellent results, B - above average work, C - ordinary reliable work, D - acceptable results, E - results meeting the minimum criteria , Fx - insufficient results (if a student gives an unacceptably poor performance corresponding to less than 60% of the maximum).	
Learning outcomes: After completing the course, students will gain experience in working with scientific literature in the field of biochemistry and related scientific disciplines. They will get acquainted with information resources and tools for their processing (search and scientometric evaluation of publications), with work with citation tools, with displaying and evaluation of experimental results. They will learn the basics of processing bioinformatic and biological data and the use of appropriate databases. They will get acquainted with the basics of professional presentation, as well as professional and formal requirements that are placed on the final theses and their defense in the bachelor's degree program of Biochemistry. They will learn to process knowledge in the form of research, present an overview of scientific work in writing and through a lecture.	
Class syllabus: 1) Professional and formal requirements for bachelor theses. 2) Basics of processing and presentation of an overview of scientific literature as well as original scientific results.	

- 3) Searching and working with scientific literature. Evaluation of the quality of information resources.
- 4) Available office tools and citation tools to facilitate work with scientific literature.
- 5) Work with databases focusing on biochemistry and related scientific disciplines.
- 6) Processing and graphic design of scientific results for the needs of the final work and publication in a scientific journal.
- 7) Presentations of selected original scientific publications related to the topic of the bachelor thesis.

Recommended literature:

Citation tool Mendeley.

External electronic resources (e.g. SCOPUS, Web of Knowledge, PubMed).

Meaux S. Using color in scientific figures (online).

Tools and databases offered by the National Center for Biotechnology Information (NCBI) and European Bioinformatics Institute (EMBL-EBI).

Original scientific publications selected according to the topic of the bachelor thesis.

Rougier N.P, Droettboom M., Bourne P.E. (2014) Ten Simple Rules for Better Figures. PLOS Computational Biology 10(9): e1003833.

Guidelines for final theses at Comenius University in Bratislava.

Smith, A. - Creating effective scientific figures for publication (online).

Šesták, Z. (2000) How to write and lecture about science (in Czech), Academia.

Matthews, J.R., Bowen, J.M., Matthews, R.W. (2000). Successful scientific writing (A step-by-step guide for biological and medical sciences), Cambridge University Press, 2nd edition.

Languages necessary to complete the course:

Slovak in combination with English (literature in English and Czech)

Notes:

Past grade distribution

Total number of evaluated students: 48

A	B	C	D	E	FX
89,58	6,25	0,0	0,0	0,0	4,17

Lecturers: Mgr. Stanislav Huszár, PhD., Mgr. Filip Brázdovič, PhD., doc. Mgr. Peter Polčic, PhD., prof. RNDr. Jozef Nosek, DrSc.

Last change: 07.10.2022

Approved by: doc. RNDr. Martin Putala, CSc.

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KBCh/N-bCBI-022/22	Course title: Bachelor Thesis in Biochemistry (2)
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning	
Type, volume, methods and workload of the student - additional information Form of Study: seminar Number of contact hours: per week: 2 per level/semester: 22 Form of the course: on-site learning, remote	
Number of credits: 2	
Recommended semester: 8.	
Educational level: I.	
Prerequisites: PriF.KBCh/N-bCBI-020/22 - Principles of Cell Biology	
Course requirements: Activities related to the preparation of a bachelor thesis in the conditions of individualized teaching. Analysis and processing of selected original scientific publications, resp. own scientific results related to the topic of the bachelor thesis. Preparation of bachelor thesis and formulation of its conclusions. The evaluation will be given as follows: A - excellent results, B - above-average work, C - normal reliable work, D - acceptable results, E - results meeting the minimum criteria, Fx - insufficient results (if the student gives an unacceptably poor performance corresponding to less than 60% of the maximum performance).	
Learning outcomes: Development of special knowledge of students needed to master the professional issues defined by the topic of the bachelor thesis in close cooperation with the teacher and student. Students will learn to search for and analyze knowledge from scientific literature, interpret and discuss scientific results, and process them into a written bachelor thesis.	
Class syllabus:	
Recommended literature: Original and review scientific publications recommended by the supervisor according to the topic of the bachelor thesis.	
Languages necessary to complete the course: Slovak in combination with English (literature in English)	
Notes: the course is provided only in the summer semester	

Past grade distribution					
Total number of evaluated students: 40					
A	B	C	D	E	FX
70,0	7,5	5,0	2,5	10,0	5,0
Lecturers: doc. RNDr. Marek Mentel, PhD., Mgr. Filip Brázdovič, PhD., Mgr. Andrea Cillingová, PhD., prof. RNDr. Anton Horváth, CSc., Mgr. Petra Chovančíková, PhD., Mgr. Stanislav Huszár, PhD., doc. RNDr. Jana Korduláková, PhD., prof. RNDr. Katarína Mikušová, DrSc., Ing. Martina Neboháčová, PhD., prof. RNDr. Jozef Nosek, DrSc., doc. Mgr. Peter Polčic, PhD., Ing. Pavol Sulo, CSc., RNDr. Ingrid Sveráková, PhD., doc. RNDr. Igor Zeman, PhD., Mgr. Júlia Zemanová, PhD.					
Last change: 07.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-024/22		Course title: Bachelor Thesis in Physical Chemistry (1)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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: 20					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: prof. Ing. Marián Janek, PhD., doc. RNDr. Monika Jerigová, PhD., doc. RNDr. Ivan Valent, CSc., prof. RNDr. Juraj Bujdák, DrSc., Mgr. Táňa Sebechlebská, PhD., prof. RNDr. Vladimír Kellö, DrSc., Mgr. Daniel Furka, PhD., Mgr. Samuel Furka, PhD.					
Last change: 18.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-038/22		Course title: Bachelor Thesis in Physical Chemistry (2)			
Educational activities: Type of activities: practicals / seminar Number of hours: per week: 5 / 2 per level/semester: 65 / 26 Form of the course: on-site learning					
Number of credits: 7					
Recommended semester: 8.					
Educational level: I.					
Prerequisites: PriF.KAgCh/N-bCAG-008/22 - The Chemistry of Nanomaterials					
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
75,0	0,0	8,33	0,0	0,0	16,67
Lecturers: doc. RNDr. Ivan Valent, CSc., prof. RNDr. Juraj Bujdák, DrSc., RNDr. Eva Noskovičová, PhD., Mgr. Daniel Furka, PhD., Mgr. Samuel Furka, PhD., prof. Ing. Marián Janek, PhD., doc. RNDr. Monika Jerigová, PhD., Mgr. Táňa Sebechlebská, PhD.					
Last change: 19.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-029/22		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: 26 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: 4					
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., Mgr. Dávid Vrška, PhD., Mgr. Michal Repiský, PhD., Mgr. Monika Gešvandtnerová, PhD.					
Last change: 22.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-040/22		Course title: Bachelor Thesis in Theoretical and Computational Chemistry (2)			
Educational activities: Type of activities: practicals / seminar Number of hours: per week: 5 / 2 per level/semester: 65 / 26 Form of the course: on-site learning					
Number of credits: 7					
Recommended semester: 8.					
Educational level: I.					
Prerequisites: PriF.KFTCh/N-bCFZ-027/22 - Programming in Chemistry					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 2					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. Ing. Tomáš Bučko, PhD., doc. Mgr. Pavel Neogrády, DrSc., prof. RNDr. Ivan Černušák, DrSc., RNDr. Lukáš Félix Pašteka, PhD., doc. Mgr. Michal Pitoňák, PhD., prof. RNDr. Vladimír Kellö, DrSc., Mgr. Dávid Vrška, PhD., Mgr. Michal Repiský, PhD., Mgr. Monika Gešvandtnerová, PhD.					
Last change: 29.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCAL-039/22		Course title: Bachelor thesis in analytical chemistry (1)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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: 19					
A	B	C	D	E	FX
94,74	5,26	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Róbert Bodor, PhD., RNDr. Jaroslav Blaško, PhD., doc. RNDr. Róbert Góra, PhD., RNDr. Renáta Górová, PhD., doc. RNDr. Radoslav Halko, PhD., Mgr. Jasna Hradski, PhD., prof. PharmDr. Josef Jampílek, PhD., RNDr. Helena Jurdáková, PhD., RNDr. Robert Kubinec, CSc., prof. RNDr. Marian Masár, PhD., doc. Ing. Roman Szücs, PhD., RNDr. Peter Troška, PhD., doc. RNDr. Andrea Vojs Staňová, PhD., RNDr. Katarína Chovancová, PhD.					
Last change: 30.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCAL-050/22		Course title: Bachelor thesis in analytical chemistry (2)			
Educational activities: Type of activities: practicals / seminar Number of hours: per week: 5 / 2 per level/semester: 65 / 26 Form of the course: on-site learning					
Number of credits: 7					
Recommended semester: 8.					
Educational level: I.					
Prerequisites: PriF.KAlCh/N-bCAL-043/22 - Introduction to Bioanalytical Chemistry					
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
75,0	8,33	8,33	8,33	0,0	0,0
Lecturers: doc. RNDr. Róbert Bodor, PhD., RNDr. Jaroslav Blaško, PhD., doc. RNDr. Róbert Góra, PhD., RNDr. Renáta Górová, PhD., doc. RNDr. Radoslav Halko, PhD., Mgr. Jasna Hradski, PhD., prof. PharmDr. Josef Jampílek, PhD., RNDr. Helena Jurdáková, PhD., RNDr. Robert Kubinec, CSc., prof. RNDr. Marian Masár, PhD., doc. Ing. Roman Szücs, PhD., RNDr. Peter Troška, PhD., doc. RNDr. Andrea Vojs Staňová, PhD., RNDr. Katarína Chovancová, PhD.					
Last change: 30.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KBCh/N-bOBH-102/22	Course title: Bachelor's Thesis Defence
Number of credits: 8	
Educational level: I.	
State exam syllabus:	
Last change: 07.11.2022	
Approved by: doc. RNDr. Martin Putala, CSc.	

STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KAlCh/N-bOBH-101/22	Course title: Bachelor's Thesis Defence in Analytical Chemistry
Number of credits: 8	
Educational level: I.	
State exam syllabus:	
Last change: 30.09.2022	
Approved by: doc. RNDr. Martin Putala, CSc.	

STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KAgCh/N-bOBH-101/22	Course title: Bachelor's Thesis Defence in Inorganic Chemistry
Number of credits: 8	
Educational level: I.	
State exam syllabus:	
Last change: 27.07.2022	
Approved by: doc. RNDr. Martin Putala, CSc.	

STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KJCh/N-bOBH-101/22	Course title: Bachelor's Thesis Defence in Nuclear chemistry and Radioecology
Number of credits: 8	
Educational level: I.	
State exam syllabus:	
Last change: 10.10.2022	
Approved by: doc. RNDr. Martin Putala, CSc.	

STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KFTCh/N-bOBH-101/22	Course title: Bachelor's Thesis Defence in Physical Chemistry
Number of credits: 8	
Educational level: I.	
State exam syllabus:	
Last change: 04.11.2022	
Approved by: doc. RNDr. Martin Putala, CSc.	

STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KFTCh/N-bOBH-102/22	Course title: Bachelor's Thesis Defence in Physical Chemistry in Theoretical and Computational Chemistry
Number of credits: 8	
Educational level: I.	
State exam syllabus:	
Last change: 04.11.2022	
Approved by: doc. RNDr. Martin Putala, CSc.	

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCJD-039/22		Course title: Bachelor's Thesis in Nuclear chemistry and Radioecology (1)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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
60,0	40,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Eva Viglašová, PhD.					
Last change: 10.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCJD-040/22		Course title: Bachelor's Thesis in Nuclear chemistry and Radioecology (2)			
Educational activities: Type of activities: practicals / seminar Number of hours: per week: 5 / 2 per level/semester: 65 / 26 Form of the course: on-site learning					
Number of credits: 7					
Recommended semester: 8.					
Educational level: I.					
Prerequisites: PriF.KJCh/N-bCJD-028/22 - Nuclear chemistry 2 and PriF.KJCh/N-bCJD-039/22 - Bachelor's Thesis in Nuclear chemistry and Radioecology (1)					
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: prof. RNDr. Michal Galamboš, PhD., doc. RNDr. Eva Viglašová, PhD.					
Last change: 10.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KOrCh/N-bOBH-101/22	Course title: Bachelor's Thesis in Organic and Bioorganic Chemistry Defence
Number of credits: 8	
Educational level: I.	
State exam syllabus:	
Last change: 07.11.2022	
Approved by: doc. RNDr. Martin Putala, CSc.	

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCXX-008/22		Course title: Basics of Chemistry (1)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 3 per level/semester: 26 / 39 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: 56					
A	B	C	D	E	FX
14,29	8,93	12,5	16,07	21,43	26,79
Lecturers: RNDr. Jana Chrappová, PhD., doc. Svitlana Vitushkina, PhD.					
Last change: 09.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCOR-010/22		Course title: Basics of Chemistry (2)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 3 per level/semester: 26 / 39 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: 26					
A	B	C	D	E	FX
11,54	7,69	7,69	11,54	0,0	61,54
Lecturers: Mgr. Henrieta Stankovičová, PhD., doc. Svitlana Vitushkina, PhD.					
Last change: 17.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCXX-001/22		Course title: Basics of chemical calculations			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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: 55					
A	B	C	D	E	FX
20,0	16,36	18,18	18,18	9,09	18,18
Lecturers: RNDr. Katarína Cifraničová, PhD., RNDr. Dominik Juračka					
Last change: 10.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCXX-009/22		Course title: Basics of laboratory technology			
Educational activities: Type of activities: practicals Number of hours: per week: 4 per level/semester: 52 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: 24					
A	B	C	D	E	FX
33,33	12,5	16,67	0,0	0,0	37,5
Lecturers: RNDr. Dominik Juračka					
Last change: 10.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
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: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1., 3., 5.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1375					
A	B	C	D	E	FX
69,67	9,82	6,55	5,45	4,36	4,15
Lecturers: doc. RNDr. Radoslav Beňuš, PhD., Mgr. Silvia Bodoriková, PhD., RNDr. Michaela Dörnhöferová, PhD.					
Last change: 07.11.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBCh/N-bCXX-018/22		Course title: Biochemistry (1)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 2 per level/semester: 52 / 26 Form of the course: on-site learning					
Number of credits: 6					
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: 175					
A	B	C	D	E	FX
15,43	20,0	16,57	15,43	13,71	18,86
Lecturers: prof. RNDr. Katarína Mikušová, DrSc., doc. RNDr. Marek Mentel, PhD., Mgr. Júlia Zemanová, PhD., Mgr. Barbora Bučková, PhD., Mgr. Petra Chovančíková, PhD.					
Last change: 08.08.2025					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBCh/N-bCXX-020/22		Course title: Biochemistry Practicals			
Educational activities: Type of activities: practicals Number of hours: per week: 5 per level/semester: 65 Form of the course: on-site learning					
Number of credits: 5					
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: 167					
A	B	C	D	E	FX
25,15	38,92	21,56	9,58	1,2	3,59
Lecturers: doc. Mgr. Peter Polčic, PhD.					
Last change: 12.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBCh/N-bCBI-019/22		Course title: Biochemistry and Cell Biology Laboratory			
Educational activities: Type of activities: practicals Number of hours: per week: 8 per level/semester: 104 Form of the course: on-site learning					
Number of credits: 8					
Recommended semester: 8.					
Educational level: I.					
Prerequisites: PriF.KBCh/N-bCXX-018/22 - Biochemistry (1)					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 39					
A	B	C	D	E	FX
7,69	25,64	33,33	12,82	20,51	0,0
Lecturers: Ing. Martina Neboháčová, PhD., Mgr. Stanislav Huszár, PhD., doc. RNDr. Igor Zeman, PhD., Mgr. Júlia Zemanová, PhD., Mgr. Barbora Bučková, PhD.					
Last change: 08.08.2025					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCXX-002/22		Course title: Chemical Calculation (1)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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: 366					
A	B	C	D	E	FX
15,3	15,3	18,31	15,85	13,66	21,58
Lecturers: doc. Mgr. Olivier Monfort, PhD., Mgr. Roman Bystrický, PhD.					
Last change: 14.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCAG-005/22		Course title: Chemical Calculation (2)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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: 35					
A	B	C	D	E	FX
45,71	8,57	8,57	11,43	5,71	20,0
Lecturers: RNDr. Ján Šimunek, PhD.					
Last change: 14.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCXX-007/22		Course title: Chemical Excursion			
Educational activities: Type of activities: practice Number of hours: per week: per level/semester: 3d 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: 69					
A	B	C	D	E	FX
92,75	0,0	0,0	0,0	0,0	7,25
Lecturers: Mgr. Roman Bystrický, PhD., prof. RNDr. Michal Galamboš, PhD., RNDr. Robert Kubinec, CSc., Mgr. Martin Motola, PhD., Mgr. Tibor Peňaška, PhD., Mgr. Táňa Sebechlebská, PhD.					
Last change: 15.12.2023					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCJD-043/22		Course title: Chemical Legislation			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 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: 15					
A	B	C	D	E	FX
26,67	6,67	20,0	26,67	6,67	13,33
Lecturers: doc. RNDr. Oľga Roszkopfová, PhD.					
Last change: 10.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCXX-017/22		Course title: Chemical Modeling			
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 13 / 13 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 7.					
Educational level: I.					
Prerequisites: PriF.KOrCh/N-bCXX-047/22 - Organic Chemistry 1 and PriF.KFTCh/N-bCXX-025/22 - Physical Chemistry 1					
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
72,31	18,46	0,0	3,08	3,08	3,08
Lecturers: prof. RNDr. Ivan Černušák, DrSc., RNDr. Lukáš Félix Pašteka, PhD., Mgr. Andrea Martinická, PhD., Ing. Michal Májek, PhD., Mgr. Michal Repiský, PhD., Mgr. Samuel Andrejčák, Mgr. Monika Gešvandtnerová, PhD.					
Last change: 13.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCXX-022/22		Course title: Chemical Structure			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 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: 76					
A	B	C	D	E	FX
28,95	34,21	22,37	7,89	6,58	0,0
Lecturers: prof. RNDr. Vladimír Kellö, DrSc., prof. RNDr. Ivan Černušák, DrSc.					
Last change: 19.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCAG-016/22		Course title: Colloquium in Inorganic Chemistry			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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: 1					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. Mgr. Olivier Monfort, PhD.					
Last change: 17.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-132/22		Course title: ESP 1/English for Specific Purposes			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 734					
A	B	C	D	E	FX
72,48	15,67	5,31	1,36	1,5	3,68
Lecturers: PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD., Mgr. Simona Dobiašová, PhD., Mgr. Mariana Hyžná, PhD.					
Last change: 26.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-133/22		Course title: ESP 2/English for Specific Purposes			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 456					
A	B	C	D	E	FX
82,24	11,62	3,07	1,1	0,44	1,54
Lecturers: PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD., Mgr. Simona Dobiašová, PhD., Mgr. Mariana Hyžná, PhD.					
Last change: 26.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-134/22		Course title: ESP 3/English for Specific Purposes			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 5.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 459					
A	B	C	D	E	FX
80,17	13,07	3,27	0,65	0,65	2,18
Lecturers: PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD.					
Last change: 26.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-135/22		Course title: ESP 4/English for Specific Purposes			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 6.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 254					
A	B	C	D	E	FX
80,31	12,99	3,94	1,18	0,39	1,18
Lecturers: PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Mariana Hyžná, PhD.					
Last change: 26.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-022/22		Course title: Elective Practice from Chemistry			
Educational activities: Type of activities: practicals Number of hours: per week: 5 per level/semester: 65 Form of the course: on-site learning					
Number of credits: 5					
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: 59					
A	B	C	D	E	FX
94,92	3,39	0,0	1,69	0,0	0,0
Lecturers: doc. RNDr. Martin Putala, CSc., RNDr. Jana Chrappová, PhD., prof. RNDr. Marian Masár, PhD., doc. Mgr. Michal Pitoňák, PhD., prof. RNDr. Michal Galamboš, PhD.					
Last change: 27.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
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: 26 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: 325					
A	B	C	D	E	FX
48,62	18,77	7,38	7,69	8,92	8,62
Lecturers: Mgr. Patrik Rezák, Mgr. Daša Červeňová, Mgr. Lívia Sobinová, Mgr. Tomáš Rudinský					
Last change: 17.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCJD-037/22		Course title: Elective Seminar in Nuclear chemistry			
Educational activities: Type of activities: seminar Number of hours: per week: 1 per level/semester: 13 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: 119					
A	B	C	D	E	FX
76,47	11,76	8,4	1,68	0,0	1,68
Lecturers: RNDr. Marek Hupian, doc. RNDr. Eva Viglašová, PhD.					
Last change: 10.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-044/24		Course title: Elective Seminar in Physical Chemistry			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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: 69					
A	B	C	D	E	FX
60,87	23,19	10,14	1,45	1,45	2,9
Lecturers: Mgr. Táňa Sebechlebská, PhD., Mgr. Daniel Furka, PhD., Mgr. Samuel Furka, PhD., doc. Pavel Neogrády, DrSc.					
Last change: 07.01.2026					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-025/23		Course title: Elective Seminar on Mechanisms of Organic Reactions			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 5.					
Educational level: I.					
Prerequisites: PriF.KOrCh/N-bCXX-048/22 - Organic Chemistry 2					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 57					
A	B	C	D	E	FX
21,05	38,6	19,3	14,04	5,26	1,75
Lecturers: doc. RNDr. Martin Putala, CSc., Mgr. Ambroz Almásy, PhD., Mgr. Peter Šramel, PhD., Ing. Michal Májek, PhD.					
Last change:					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCOR-001/22		Course title: Elective Seminar on Organic Chemistry			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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: 206					
A	B	C	D	E	FX
36,89	13,59	13,11	9,71	10,19	16,5
Lecturers: doc. Ing. Mária Mečiarová, PhD., doc. RNDr. Peter Magdolen, PhD., RNDr. Viera Poláčková, PhD., Mgr. Henrieta Stankovičová, PhD., Mgr. Tibor Peňaška, PhD., Mgr. Dominika Mravcová, PhD., Mgr. Viktória Némethová, PhD., Mgr. Bernard Mravec, PhD.					
Last change: 25.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCOR-008/22		Course title: Elective Seminar on Organic Synthesis			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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: 84					
A	B	C	D	E	FX
47,62	8,33	13,1	8,33	5,95	16,67
Lecturers: doc. Ing. Mária Mečiarová, PhD., Mgr. Henrieta Stankovičová, PhD.					
Last change: 25.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCEC-337/22		Course title: Environmental Analysis Fundamentals			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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: 2					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: RNDr. Robert Kubinec, CSc.					
Last change: 30.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCXX-043/22		Course title: Environmental Chemistry			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 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: 4					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Radoslav Halko, PhD., RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD.					
Last change: 26.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCJD-038/22		Course title: Exercise for Bachelor's Thesis in Nuclear chemistry and Radioecology			
Educational activities: Type of activities: practicals Number of hours: per week: 3 per level/semester: 39 Form of the course: on-site learning					
Number of credits: 3					
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
90,0	0,0	10,0	0,0	0,0	0,0
Lecturers: prof. RNDr. Michal Galamboš, PhD., doc. RNDr. Eva Viglašová, PhD., doc. RNDr. Oľga Rosskopfová, PhD., RNDr. Ondrej Šauša, CSc., RNDr. Dominik Juračka, Ing. Helena Švajdlenková, PhD., RNDr. Marek Hupian					
Last change: 10.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCJD-042/22		Course title: Exercise in Nuclear chemistry			
Educational activities: Type of activities: practicals Number of hours: per week: 5 per level/semester: 65 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: 143					
A	B	C	D	E	FX
23,78	27,27	20,28	16,08	8,39	4,2
Lecturers: RNDr. Dominik Juračka, RNDr. Marek Hupian, prof. RNDr. Michal Galamboš, PhD.					
Last change: 28.03.2023					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCXX-026/22		Course title: Exercise in Physical Chemistry (1)			
Educational activities: Type of activities: practicals Number of hours: per week: 5 per level/semester: 65 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 5.					
Educational level: I.					
Prerequisites: PriF.KAlCh/N-bCXX-006/22 - Laboratory Technique					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 164					
A	B	C	D	E	FX
90,85	2,44	0,61	0,61	0,61	4,88
Lecturers: doc. RNDr. Ivan Valent, CSc., doc. Mgr. Pavel Neogrády, DrSc., Mgr. Daniel Furka, PhD., Mgr. Samuel Furka, PhD., Mgr. Dávid Vrška, PhD.					
Last change: 19.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCXX-019/22		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: 2					
Recommended semester: 7.					
Educational level: I.					
Prerequisites: PriF.KFTCh/N-bCXX-026/22 - Exercise in Physical Chemistry (1)					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 64					
A	B	C	D	E	FX
81,25	14,06	1,56	1,56	0,0	1,56
Lecturers: doc. RNDr. Ivan Valent, CSc., Mgr. Táňa Sebechlebská, PhD., RNDr. Eva Noskovičová, PhD., Mgr. Monika Gešvandtnerová, PhD.					
Last change: 29.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-037/22		Course title: Exercises for a Bachelor's Thesis in Physical Chemistry			
Educational activities: Type of activities: practicals Number of hours: per week: 3 per level/semester: 39 Form of the course: on-site learning					
Number of credits: 3					
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: 19					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Ivan Valent, CSc., prof. RNDr. Juraj Bujdák, DrSc., RNDr. Eva Noskovičová, PhD., Mgr. Daniel Furka, PhD., Mgr. Samuel Furka, PhD., prof. Ing. Marián Janek, PhD., doc. RNDr. Monika Jerigová, PhD., Mgr. Táňa Sebechlebská, PhD.					
Last change: 19.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-043/22		Course title: Exercises for a Bachelor's Thesis in Theoretical and Computational Chemistry			
Educational activities: Type of activities: practicals Number of hours: per week: 3 per level/semester: 39 Form of the course: on-site learning					
Number of credits: 3					
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: 5					
A	B	C	D	E	FX
80,0	0,0	0,0	0,0	0,0	20,0
Lecturers: doc. Ing. Tomáš Bučko, PhD., doc. Mgr. Pavel Neogrády, DrSc., prof. RNDr. Ivan Černušák, DrSc., RNDr. Lukáš Félix Pašteka, PhD., doc. Mgr. Michal Pitoňák, PhD., prof. RNDr. Vladimír Kellö, DrSc., Mgr. Dávid Vrška, PhD., Mgr. Michal Repiský, PhD., Mgr. Monika Gešvandtnerová, PhD.					
Last change: 22.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-136/22		Course title: Fachdeutsch in Naturwissenschaften 1			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 5.					
Educational level: I., P					
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: Mgr. Karin Rózsová Wolfová					
Last change: 23.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-137/22		Course title: Fachdeutsch in Naturwissenschaften 2			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 6.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 15					
A	B	C	D	E	FX
93,33	0,0	0,0	0,0	0,0	6,67
Lecturers: Mgr. Karin Rózsová Wolfová					
Last change: 23.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF-FMFI.KAG/N- bCXX-002/20	Course title: Fundamentals of Mathematics (1)
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 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 (100-92), B (91-84), C (83-76), D (75-68), E (67-60), Fx (<60). 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: 123					
A	B	C	D	E	FX
0,0	8,13	18,7	13,82	4,07	55,28
Lecturers: RNDr. Martina Bátorová, PhD.					
Last change: 18.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF-FMFI.KAG/C- bCXX-010/20	Course title: Fundamentals of Mathematics (2)
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 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 (100-92), B (91-84), C (83-76), D (75-68), E (67-60), Fx (<60). 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: 87					
A	B	C	D	E	FX
1,15	3,45	5,75	12,64	5,75	71,26
Lecturers: RNDr. Martina Bátorová, PhD.					
Last change: 18.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF-FMFI.KDMFI/N- bCXX-003/20		Course title: Fundamentals of Physics (1)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 1.					
Educational level: I.					
Prerequisites:					
Course requirements: The assessment consists of two tests, two seminar works and a final exam. Indicative rating scale: A 95%, B 90%, C 80%, D 70%, E 60%. Credits will not be awarded to a student who obtains a grade of less than 60%.					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 119					
A	B	C	D	E	FX
11,76	21,85	21,01	13,45	8,4	23,53
Lecturers: doc. RNDr. Peter Demkanin, PhD., PaedDr. Tünde Kozánek Kiss, PhD.					
Last change: 07.11.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF-FMFI.KDMFI/N- bCXX-011/20		Course title: Fundamentals of Physics (2)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 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: 83					
A	B	C	D	E	FX
12,05	1,2	9,64	12,05	14,46	50,6
Lecturers: doc. PaedDr. Viera Haverlíková, PhD., PaedDr. Tünde Kozánek Kiss, PhD.					
Last change: 17.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF/N-bCXX-019/22	Course title: Fundamentals of Physics for Chemistry
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 2 per level/semester: 13 / 26 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 95%, B 90%, C 80%, D 70%, E 60%. Credits will not be awarded to a student who obtains a grade of less than 60%. 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:	
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: 90					
A	B	C	D	E	FX
27,78	30,0	21,11	12,22	5,56	3,33
Lecturers: doc. RNDr. Tomáš Roch, Dr. techn.					
Last change: 18.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCXX-010/22		Course title: General Chemistry			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 2 per level/semester: 52 / 26 Form of the course: on-site learning					
Number of credits: 6					
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: 246					
A	B	C	D	E	FX
12,6	17,07	21,14	21,95	12,6	14,63
Lecturers: Mgr. Lukáš Konečný, PhD., Mgr. Martin Motola, PhD.					
Last change: 27.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KGe/N-XXXX-004/21		Course title: Genetics for everyone			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2., 4., 6.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1483					
A	B	C	D	E	FX
94,07	0,67	0,0	0,0	0,0	5,26
Lecturers: RNDr. Regina Sepšiová, PhD., doc. Mgr. Miroslava Slaninová, Dr., Mgr. Filip Červenák, PhD., prof. RNDr. Andrea Ševčovičová, PhD., doc. RNDr. Eliška Gálová, PhD., Mgr. Stanislav Kyzek, PhD., Mgr. Mária Peťková, PhD., Mgr. Ivana Kyzeková, PhD., doc. RNDr. Vladimíra Džugasová, PhD.					
Last change: 15.08.2025					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
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: 13 / 13 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2., 4., 6.					
Educational level: I., II., P					
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
83,67	2,72	6,12	0,68	0,68	6,12
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., doc. 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: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KGP/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: 13 / 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2., 4., 6.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 58					
A	B	C	D	E	FX
89,66	0,0	0,0	0,0	8,62	1,72
Lecturers: prof. RNDr. Roman Aubrecht, Dr., prof. Mgr. Natália Hlavatá Hudáčková, PhD., doc. RNDr. Jozef Hók, CSc., doc. RNDr. Alexander Lačný, PhD., doc. RNDr. Jana Fridrichová, PhD., RNDr. Ondrej Nemec, PhD.					
Last change: 20.01.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KPI/N-XXXX-009/21		Course title: Global Environmental Issues			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2., 4., 6.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1126					
A	B	C	D	E	FX
90,5	0,0	0,27	0,0	0,0	9,24
Lecturers: doc. RNDr. Katarína Pavličková, CSc., prof. RNDr. Pavel Dlapa, PhD., doc. RNDr. Martina Zvaríková, PhD., doc. RNDr. Ľubomír Jurkovič, PhD.					
Last change: 09.11.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KEM/N-bXXX-001/22		Course title: Green University 1			
Educational activities: Type of activities: practicals / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 2., 3., 4., 5., 6..					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 123					
A	B	C	D	E	FX
96,75	0,0	0,0	0,0	0,0	3,25
Lecturers: RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., RNDr. Hubert Žarnovičan, PhD., Mgr. Martin Šebesta, PhD.					
Last change: 22.08.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KEM/N-bXXX-002/22		Course title: Green University 2			
Educational activities: Type of activities: practicals / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 2., 3., 4., 5., 6..					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 80					
A	B	C	D	E	FX
92,5	0,0	0,0	0,0	0,0	7,5
Lecturers: RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD., RNDr. Hubert Žarnovičan, PhD.					
Last change: 22.08.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCXX-008/22		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: 13 / 13 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: 31					
A	B	C	D	E	FX
83,87	12,9	0,0	0,0	0,0	3,23
Lecturers: doc. RNDr. Andrea Vojs Staňová, PhD., doc. RNDr. Róbert Góra, PhD., doc. RNDr. Róbert Bodor, PhD., prof. RNDr. Marian Masár, PhD., doc. RNDr. Radoslav Halko, PhD.					
Last change: 30.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCJD-036/22		Course title: Information systems in nuclear fields			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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
88,89	11,11	0,0	0,0	0,0	0,0
Lecturers: Ing. Helena Švajdlenková, PhD.					
Last change: 10.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCAG-017/22		Course title: Inorganic Chemistry (1)			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 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: 115					
A	B	C	D	E	FX
13,04	21,74	22,61	16,52	13,04	13,04
Lecturers: doc. RNDr. Erik Rakovský, PhD.					
Last change: 06.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCAG-018/22		Course title: Inorganic Chemistry (2)			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 4.					
Educational level: I.					
Prerequisites: PriF.KAgCh/N-bCAG-017/22 - Inorganic Chemistry (1)					
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
10,96	5,48	28,77	23,29	6,85	24,66
Lecturers: doc. RNDr. Erik Rakovský, PhD.					
Last change: 04.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCAL-043/22		Course title: Introduction to Bioanalytical Chemistry			
Educational activities: Type of activities: seminar Number of hours: per week: 3 per level/semester: 39 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 7.					
Educational level: I.					
Prerequisites: PriF.KAlCh/N-bCAL-044/22 - Analytical Chemistry (1)					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 13					
A	B	C	D	E	FX
61,54	38,46	0,0	0,0	0,0	0,0
Lecturers: prof. RNDr. Marian Masár, PhD., doc. Ing. Roman Szücs, PhD., Mgr. Jasna Hradski, PhD.					
Last change: 30.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCAL-037/22		Course title: Introduction to Mass Spectrometry			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 13 / 13 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: 6					
A	B	C	D	E	FX
50,0	33,33	0,0	0,0	16,67	0,0
Lecturers: doc. RNDr. Andrea Vojs Staňová, PhD.					
Last change: 30.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N_bCFZ-042/22		Course title: Introduction to Mathematical Processing of Chemical Data			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 13 / 13 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: 29					
A	B	C	D	E	FX
58,62	20,69	17,24	3,45	0,0	0,0
Lecturers: doc. Mgr. Michal Pitoňák, PhD., doc. Ing. Roman Szücs, PhD.					
Last change: 17.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCAG-019/22		Course title: Lab Practical in Inorganic Chemistry			
Educational activities: Type of activities: practicals Number of hours: per week: 5 per level/semester: 65 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 4.					
Educational level: I.					
Prerequisites: PriF.KAlCh/N-bCXX-006/22 - Laboratory Technique					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 79					
A	B	C	D	E	FX
29,11	16,46	26,58	6,33	1,27	20,25
Lecturers: RNDr. Jana Chrappová, PhD., Mgr. Dominika Lacušková					
Last change: 09.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCXX-006/22		Course title: Laboratory Technique			
Educational activities: Type of activities: practicals Number of hours: per week: 4 per level/semester: 52 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: 251					
A	B	C	D	E	FX
43,03	37,85	9,56	1,99	0,8	6,77
Lecturers: doc. RNDr. Radoslav Halko, PhD., RNDr. Jana Chrappová, PhD., doc. RNDr. Monika Jerigová, PhD., RNDr. Viera Poláčková, PhD., Mgr. Henrieta Stankovičová, PhD., Mgr. Peter Šramel, PhD., Mgr. Tibor Peňaška, PhD., Mgr. Dominika Lacušková, RNDr. Katarína Chovancová, PhD., Mgr. Iveta Boháčová, PhD., RNDr. Lenka Lorencová, PhD., Ing. Tomáš Čarný, PhD., Mgr. Robert Michal, PhD.					
Last change: 25.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-138/22		Course title: Latin			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 2..					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 448					
A	B	C	D	E	FX
58,93	20,76	7,81	2,9	2,23	7,37
Lecturers: Mgr. Ivan Lábaj, PhD., RNDr. Tatiana Slováková, PhD.					
Last change: 07.11.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
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: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1., 3., 5.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1660					
A	B	C	D	E	FX
90,72	0,3	0,0	0,0	0,06	8,92
Lecturers: doc. RNDr. Martina Zvaríková, PhD., prof. RNDr. Pavel Dlapa, PhD., RNDr. Malvína Reiffers Čierniková, PhD., prof. PaedDr. Pavol Prokop, DrSc., prof. RNDr. Peter Fedor, DrSc., prof. Ing. Eva Chmielewská, CSc., RNDr. Martin Labuda, PhD., doc. RNDr. Eva Pauditšová, PhD., RNDr. Hubert Žarnovičan, PhD., doc. RNDr. Stanislav Rapant, DrSc., doc. RNDr. Ľubomír Jurkovič, PhD., doc. Mgr. Tomáš Lánczos, PhD., doc. RNDr. Katarína Pavličková, CSc.					
Last change: 09.11.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF/N-bCXX-150/22	Course title: Mathematics for the Chemistry
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 3 per level/semester: 52 / 39 Form of the course: on-site learning	
Number of credits: 7	
Recommended semester: 3.	
Educational level: I.	
Prerequisites:	
Course requirements: Continuous assessment: 3 written tests, activity on lessons (all together 60 points). Final assessment: written test (40 points). Indicative grading scale: A 92%, B 84%, C 76%, D 68%, E 60% Scale of assessment (preliminary/final): 60/40	
Learning outcomes: By passing, student obtains basic knowledge in higher mathematics and the ability to individually study academic literature in his programme with mathematical calculations.	
Class syllabus: Real numbers. Complex numbers. Basics of linear algebra. Vectors. Sequence, limit of sequence. Function of real variable. Limit of a function, continuity. Derivation of a function. Function and its properties. Taylor expansion. Indefinite integral, antiderivative. Methods of calculating indefinite integrals. Definite integral, calculations by indefinite integrals. Applications of definite integral. Improper integrals. Functions of multiple variables. Partial derivatives. Double integral. Curves, line integrals. Differential equations.	
Recommended literature: Smítalová, K. a kol. Matematika pre nematematické smery Prírodovedeckej fakulty UK. 1991. Ivan, J. Matematika 1. Bratislava: Alfa, 1983. Ivan, J. Matematika 2. Bratislava: Alfa, 1989. Eliaš, J., Horváth, J., Kajan, J. Zbierka úloh z vyššej matematiky 1, 2, 3, 4. Bratislava: Alfa, 1966. Krajňáková, D., Míčka, J., Macháčová, L. Zbierka úloh z matematiky. Bratislava: Alfa, 1988.	
Languages necessary to complete the course: slovak	
Notes:	

Past grade distribution					
Total number of evaluated students: 259					
A	B	C	D	E	FX
11,58	9,65	6,95	19,69	26,25	25,87
Lecturers: RNDr. Kristína Rostás, PhD., Mgr. Daša Červeňová, Mgr. Patrik Rezák, Mgr. Tomáš Rudinský, Mgr. Livia Sobinovská					
Last change: 27.11.2025					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bBXX-015/22		Course title: Medicinal Chemistry			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 13 / 13 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 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: 1390					
A	B	C	D	E	FX
20,65	10,14	13,02	12,73	20,94	22,52
Lecturers: doc. RNDr. Andrej Boháč, CSc.					
Last change: 25.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-023/22		Course title: Methods in Chemical Research			
Educational activities: Type of activities: lecture Number of hours: per week: 1 per level/semester: 13 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: 4					
A	B	C	D	E	FX
50,0	25,0	25,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Martin Putala, CSc., doc. RNDr. Erik Rakovský, PhD., RNDr. Monika Stupavská, PhD., Ing. Blanka Kubíková, PhD.					
Last change: 07.08.2025					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-021/22		Course title: Molecular Spectroscopy			
Educational activities: Type of activities: practicals / lecture / seminar Number of hours: per week: 1 / 2 / 2 per level/semester: 13 / 26 / 26 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: 74					
A	B	C	D	E	FX
32,43	29,73	18,92	12,16	4,05	2,7
Lecturers: prof. Mgr. Radovan Šebesta, DrSc., Mgr. Juraj Filo, PhD., RNDr. Jaroslav Blaško, PhD., doc. RNDr. Andrea Vojs Staňová, PhD., RNDr. Marek Cigáň, PhD., Mgr. Ambroz Almássy, PhD.					
Last change: 10.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bBXX-026/22		Course title: Natural Compounds			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 13 / 13 Form of the course: on-site learning					
Type, volume, methods and workload of the student - additional information Forma výučby: prednáška / seminár Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 h / 1 h Za obdobie štúdia: 13 h / 13 h Metóda štúdia: prezenčná					
Number of credits: 2					
Recommended semester: 5.					
Educational level: I., P					
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
35,19	22,22	11,11	12,96	7,41	11,11
Lecturers: Mgr. Ambroz Almásky, PhD.					
Last change: 14.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCOR-023/22		Course title: New Trends in Organic Chemistry			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 13 / 13 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 5.					
Educational level: I.					
Prerequisites: PriF.KOrCh/N-bCXX-047/22 - Organic Chemistry 1					
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
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Martin Putala, CSc., doc. RNDr. Andrej Boháč, CSc., doc. RNDr. Peter Magdolen, PhD., RNDr. Marek Cigáň, PhD., Mgr. Henrieta Stankovičová, PhD., prof. Mgr. Radovan Šebesta, DrSc., doc. Ing. Mária Mečiarová, PhD., Mgr. Peter Šramel, PhD., Mgr. Tibor Peňaška, PhD.					
Last change: 21.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.LPM/N-bLPM-049/22		Course title: Nové trendy v materiállovej chémii			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 13 / 13 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: 0					
A	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0
Lecturers: RNDr. Milan Sýkora, PhD., MBA, Mgr. Roman Bystrický, PhD., doc. Mgr. Olivier Monfort, PhD., Mgr. Martin Motola, PhD., prof. RNDr. Gustáv Plesch, DrSc.					
Last change: 06.11.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCJD-029/22		Course title: Nuclear chemistry 1			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 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: 150					
A	B	C	D	E	FX
14,0	10,67	22,0	17,33	24,0	12,0
Lecturers: prof. RNDr. Michal Galamboš, PhD., doc. RNDr. Eva Viglašová, PhD.					
Last change: 17.04.2023					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCJD-028/22		Course title: Nuclear chemistry 2			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 7.					
Educational level: I.					
Prerequisites: PriF.KJCh/N-bCJD-029/22 - Nuclear chemistry 1					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 11					
A	B	C	D	E	FX
81,82	9,09	0,0	0,0	9,09	0,0
Lecturers: prof. RNDr. Michal Galamboš, PhD., doc. RNDr. Eva Viglašová, PhD.					
Last change: 25.09.2025					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCXX-024/22		Course title: Numerical mathematics			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning					
Number of credits: 3					
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: 72					
A	B	C	D	E	FX
62,5	18,06	15,28	4,17	0,0	0,0
Lecturers: doc. Mgr. Pavel Neogrády, DrSc., doc. Mgr. Michal Pitoňák, PhD., Mgr. Dávid Vrška, PhD.					
Last change: 19.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCXX-018/22		Course title: Optional Seminar in Analytical Chemistry			
Educational activities: Type of activities: seminar Number of hours: per week: 1 per level/semester: 13 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: 106					
A	B	C	D	E	FX
86,79	12,26	0,0	0,0	0,0	0,94
Lecturers: doc. RNDr. Róbert Bodor, PhD., doc. RNDr. Radoslav Halko, PhD.					
Last change: 12.12.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCAG-023/22		Course title: Optional Seminar in Inorganic Chemistry			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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: 45					
A	B	C	D	E	FX
42,22	15,56	26,67	0,0	6,67	8,89
Lecturers: RNDr. Jana Chrappová, PhD.					
Last change: 09.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-047/22		Course title: Organic Chemistry 1			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 2 per level/semester: 52 / 26 Form of the course: on-site learning					
Number of credits: 6					
Recommended semester: 4.					
Educational level: I.					
Prerequisites: PriF.KAgCh/N-bCXX-010/22 - 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: 179					
A	B	C	D	E	FX
15,64	6,7	10,61	10,06	20,11	36,87
Lecturers: doc. Ing. Mária Mečiarová, PhD., doc. RNDr. Peter Magdolen, PhD., Mgr. Henrieta Stankovičová, PhD., RNDr. Viera Poláčková, PhD., Mgr. Bernard Mravec, PhD., Mgr. Tibor Peňaška, PhD., Mgr. Dominika Mravcová, PhD., Mgr. Viktória Némethová, PhD., Mgr. Lea Hegedúsová, PhD.					
Last change: 22.08.2023					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-048/22		Course title: Organic Chemistry 2			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 5.					
Educational level: I.					
Prerequisites: PriF.KOrCh/N-bCXX-047/22 - Organic Chemistry 1					
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
20,99	16,05	28,4	13,58	12,35	8,64
Lecturers: Mgr. Ambroz Almáßy, PhD., doc. RNDr. Martin Putala, CSc., Ing. Michal Májek, PhD., Mgr. Peter Šramel, PhD.					
Last change: 25.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCOR-014/22		Course title: Organic Synthesis			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 7.					
Educational level: I.					
Prerequisites: PriF.KOrCh/N-bCXX-047/22 - Organic Chemistry 1					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 30					
A	B	C	D	E	FX
30,0	43,33	13,33	6,67	3,33	3,33
Lecturers: doc. RNDr. Peter Magdolen, PhD.					
Last change: 13.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-012/22		Course title: Perspectives in Chemistry			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 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: 37					
A	B	C	D	E	FX
35,14	43,24	2,7	2,7	5,41	10,81
Lecturers: doc. RNDr. Martin Putala, CSc., doc. RNDr. Oľga Rosскопfová, PhD., prof. RNDr. Ivan Černušák, DrSc., Mgr. Peter Hrobárik, PhD., doc. RNDr. Erik Rakovský, PhD., prof. RNDr. Marian Masár, PhD., doc. Mgr. Peter Polčic, PhD., doc. RNDr. Radoslav Halko, PhD., Mgr. Táňa Sebechlebská, PhD., Ing. Darina Tóthová, CSc., doc. RNDr. Jana Korduláková, PhD., doc. RNDr. Andrej Boháč, CSc.					
Last change: 10.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-XXXX-011/21		Course title: Perspectives in Chemistry			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 3., 5.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 105					
A	B	C	D	E	FX
45,71	27,62	7,62	2,86	0,95	15,24
Lecturers: doc. RNDr. Martin Putala, CSc., prof. RNDr. Ivan Černušák, DrSc., doc. RNDr. Erik Rakovský, PhD., Mgr. Peter Hrobárik, PhD., doc. RNDr. Oľga Roskopfová, PhD., Mgr. Táňa Sebechlebská, PhD., Ing. Darina Tóthová, CSc., doc. RNDr. Radoslav Halko, PhD., prof. RNDr. Marian Masár, PhD., doc. RNDr. Jana Korduláková, PhD., doc. Mgr. Peter Polčic, PhD., doc. RNDr. Andrej Boháč, CSc.					
Last change: 07.11.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBCh/N-bCBI-003/22		Course title: Perspectives of Biochemistry			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2., 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: 38					
A	B	C	D	E	FX
89,47	0,0	0,0	0,0	0,0	10,53
Lecturers: doc. RNDr. Marek Mentel, PhD., prof. RNDr. Katarína Mikušová, DrSc., prof. RNDr. Anton Horváth, CSc., Mgr. Stanislav Huszár, PhD., doc. RNDr. Jana Korduláková, PhD., Ing. Martina Neboháčová, PhD., doc. Mgr. Peter Polčic, PhD., Mgr. Viktória Hodorová, PhD., RNDr. Ingrid Sveráková, PhD., doc. RNDr. Igor Zeman, PhD.					
Last change: 19.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBCh/N-XXXX-010/22		Course title: Perspectives of Biochemistry			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2., 4., 6.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 415					
A	B	C	D	E	FX
92,53	0,0	0,0	0,0	0,0	7,47
Lecturers: doc. RNDr. Marek Mentel, PhD., prof. RNDr. Katarína Mikušová, DrSc., prof. RNDr. Anton Horváth, CSc., Mgr. Stanislav Huszár, PhD., doc. RNDr. Jana Korduláková, PhD., Ing. Martina Neboháčová, PhD., doc. Mgr. Peter Polčic, PhD., Mgr. Viktória Hodorová, PhD., RNDr. Ingrid Sveráková, PhD., doc. RNDr. Igor Zeman, PhD.					
Last change: 19.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCXX-025/22		Course title: Physical Chemistry 1			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 2 per level/semester: 52 / 26 Form of the course: on-site learning					
Number of credits: 6					
Recommended semester: 5.					
Educational level: I.					
Prerequisites: PriF.KAgCh/N-bCXX-010/22 - 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: 168					
A	B	C	D	E	FX
22,62	19,64	23,81	14,29	8,33	11,31
Lecturers: doc. RNDr. Ivan Valent, CSc., doc. Mgr. Pavel Neogrády, DrSc., prof. RNDr. Vladimír Kellö, DrSc., prof. RNDr. Juraj Bujdák, DrSc.					
Last change: 08.08.2025					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCXX-023/22		Course title: Physical Chemistry 2			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 6.					
Educational level: I.					
Prerequisites: PriF.KFTCh/N-bCXX-025/22 - Physical Chemistry 1					
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
27,69	38,46	15,38	10,77	7,69	0,0
Lecturers: doc. RNDr. Ivan Valent, CSc., doc. Mgr. Pavel Neogrády, DrSc., RNDr. Lukáš Félix Pašteka, PhD., doc. RNDr. Monika Jerigová, PhD., Mgr. Táňa Sebechlebská, PhD.					
Last change: 08.08.2025					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bXTV-101/22		Course title: Physical Education 1			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1520					
A	B	C	D	E	FX
91,91	0,79	0,26	0,2	0,2	6,64
Lecturers: Mgr. Kristína Vanýsková, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Denisa Strečanská, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD.					
Last change: 01.08.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bXTV-102/22		Course title: Physical Education 2			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 960					
A	B	C	D	E	FX
94,58	0,31	0,21	0,0	0,1	4,79
Lecturers: Mgr. Kristína Vanýsková, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Denisa Strečanská, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD.					
Last change: 01.08.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bXTV-103/22		Course title: Physical Education 3			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 966					
A	B	C	D	E	FX
95,96	0,62	0,83	0,0	0,21	2,38
Lecturers: Mgr. Kristína Vanýsková, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Denisa Strečanská, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD.					
Last change: 01.08.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bXTV-104/22		Course title: Physical Education 4			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 764					
A	B	C	D	E	FX
96,2	0,52	0,13	0,26	0,0	2,88
Lecturers: Mgr. Kristína Vanýsková, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Denisa Strečanská, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD.					
Last change: 01.08.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bXTV-105/22		Course title: Physical Education 5			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 5.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 760					
A	B	C	D	E	FX
96,71	0,53	0,0	0,13	0,0	2,63
Lecturers: Mgr. Kristína Vanýsková, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Denisa Strečanská, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD.					
Last change: 01.08.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bXTV-106/22		Course title: Physical Education 6			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 6.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 484					
A	B	C	D	E	FX
97,73	0,0	0,0	0,0	0,21	2,07
Lecturers: Mgr. Kristína Vanýsková, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Denisa Strečanská, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD.					
Last change: 01.08.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
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: 52 / 39 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: 591					
A	B	C	D	E	FX
10,32	9,48	14,55	16,75	26,4	22,5
Lecturers: prof. Dr. Štefan Matejčík, DrSc., doc. RNDr. Juraj Országh, PhD., doc. RNDr. Veronika Medvecká, PhD., doc. RNDr. Peter Papp, PhD., RNDr. Ladislav Moravský, PhD., doc. Mgr. Peter Čermák, PhD.					
Last change: 18.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBo/N-XXXX-003/21		Course title: Plants known and unknown			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1., 3., 5.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1434					
A	B	C	D	E	FX
68,83	19,46	6,07	0,0	1,39	4,25
Lecturers: Ing. Mgr. Eva Zahradníková, PhD., doc. Mgr. Katarína Mišíková, PhD., doc. RNDr. Jana Ščevková, PhD.					
Last change: 30.08.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
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: 13 / 13 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1., 3., 5.					
Educational level: I., II., P					
Prerequisites:					
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
89,34	0,0	0,82	0,0	0,82	9,02
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., doc. 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: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KIHG/N-XXXX-012/21		Course title: Practical Geology for Everyone			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1., 3., 5.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 548					
A	B	C	D	E	FX
76,64	10,95	4,2	1,46	0,55	6,2
Lecturers: doc. RNDr. Renáta Fláková, PhD., doc. RNDr. Renáta Adamcová, PhD., prof. RNDr. Roman Pašteka, PhD., prof. RNDr. Martin Bednarik, PhD., doc. RNDr. Dávid Krčmář, PhD., doc. RNDr. Andrej Mojzeš, PhD., RNDr. Ivana Ondrejková, PhD., doc. Mgr. Vladimír Greif, PhD., Mgr. Rudolf Tornyai, PhD., RNDr. Tatiana Durmeková, PhD., Mgr. Martin Zatlakovič, PhD., doc. RNDr. Milan Seman, CSc.					
Last change: 18.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCAL-048/22		Course title: Practical for a Bachelor's Thesis in Analytical Chemistry			
Educational activities: Type of activities: practicals Number of hours: per week: 3 per level/semester: 39 Form of the course: on-site learning					
Number of credits: 3					
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
94,44	5,56	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Róbert Bodor, PhD., RNDr. Jaroslav Blaško, PhD., doc. RNDr. Róbert Góra, PhD., RNDr. Renáta Górová, PhD., doc. RNDr. Radoslav Halko, PhD., Mgr. Jasna Hradski, PhD., prof. PharmDr. Josef Jampílek, PhD., RNDr. Helena Jurdáková, PhD., RNDr. Robert Kubinec, CSc., prof. RNDr. Marian Masár, PhD., doc. Ing. Roman Szücs, PhD., RNDr. Peter Troška, PhD., doc. RNDr. Andrea Vojs Staňová, PhD., RNDr. Katarína Chovancová, PhD.					
Last change: 30.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBCh/N-bCBI-026/22		Course title: Practical for a Bachelor's Thesis in Biochemistry			
Educational activities: Type of activities: practicals Number of hours: per week: 7 per level/semester: 91 Form of the course: on-site learning					
Number of credits: 7					
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: prof. RNDr. Katarína Mikušová, DrSc.					
Last change: 27.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCAG-021/22		Course title: Practical for a Bachelor's Thesis in Inorganic Chemistry			
Educational activities: Type of activities: practicals Number of hours: per week: 3 per level/semester: 39 Form of the course: on-site learning					
Number of credits: 3					
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: 5					
A	B	C	D	E	FX
80,0	20,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Erik Rakovský, PhD., RNDr. Milan Sýkora, PhD., MBA, RNDr. Ján Šimunek, PhD., doc. Mgr. Olivier Monfort, PhD., Mgr. Peter Hrobárik, PhD., Mgr. Martin Motola, PhD., RNDr. Jana Chrappová, PhD., prof. RNDr. Jozef Noga, DrSc., RNDr. Marcel Zámocký, DrSc., Mgr. Natalia Lucia Miklášová, PhD., doc. Svitlana Vitushkina, PhD.					
Last change: 27.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-049/22		Course title: Practicals in Organic Chemistry (1)			
Educational activities: Type of activities: practicals Number of hours: per week: 5 per level/semester: 65 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 4.					
Educational level: I.					
Prerequisites: PriF.KAlCh/N-bCXX-006/22 - Laboratory Technique					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 162					
A	B	C	D	E	FX
45,68	19,14	16,05	3,09	4,94	11,11
Lecturers: RNDr. Viera Poláčková, PhD., PharmDr. Ivica Sigmundová, PhD., Mgr. Bernard Mravec, PhD., Mgr. Lukáš Kerner, PhD., Ing. Tomáš Čarný, PhD., Mgr. Samuel Andrejčák, Mgr. Karin Schniererová, Mgr. Zuzana Mravíková					
Last change: 25.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-020/22		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: 3					
Recommended semester: 6.					
Educational level: I.					
Prerequisites: PriF.KOrCh/N-bCXX-049/22 - Practicals in Organic Chemistry (1)					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 60					
A	B	C	D	E	FX
48,33	28,33	16,67	3,33	1,67	1,67
Lecturers: doc. RNDr. Peter Magdolen, PhD., Mgr. Iveta Kmentová, PhD., Mgr. Ambroz Almássy, PhD., Mgr. Peter Šramel, PhD., Mgr. Lukáš Kerner, PhD., Ing. Tomáš Čarný, PhD.					
Last change: 13.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KBCh/N-bCBI-020/22	Course title: Principles of Cell Biology
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 7.	
Educational level: I.	
Prerequisites:	
Course requirements: There will be regular written tests during the semester. Credits will not be awarded to a student who gets less than 60% of the total marks in these tests. The subject will be completed by oral exam. The evaluation will be awarded as follows: A - excellent results, B - above average work, C - normal reliable work, D - acceptable results, E - results meeting the minimum criteria, Fx - insufficient results (unacceptably weak knowledge corresponding to less than 60% of the required subject range). Scale of assessment (preliminary/final): 0 /100	
Learning outcomes: After completing the course, students will have an overview of the internal organization of prokaryotic and eukaryotic cells and the basic biological processes that take place in individual cell compartments. Emphasis is placed on the importance of biological membranes, intracellular compartmentalization and key molecular processes operating in cells.	
Class syllabus: Complex organization of eukaryotic cell. History and key discoveries of cell biology. Characteristic properties of eukaryotic cells. Comparison of ultrastructure of prokaryotic and eukaryotic cells. Importance of intracellular compartmentalization. The origin of the eukaryotic cell. The role of biological membranes in the eukaryotic cell. Membrane structure and function. Membrane transport. Vector processes bound to membranes. The role of membranes in nerve signal transmission. Cell nucleus. Ultrastructure and dynamics of the cell nucleus, nuclear membrane, nuclear pores, nucleolus. Chromosomes and chromosomal territories. Histones and histone-like proteins. Eukaryotic genome dynamics. Genome replication and repair. Transcription and principles of gene expression control. Levels of gene expression control in prokaryotic and eukaryotic cells. Transcriptional control and post-transcriptional RNA processing. Ribosome translation and function. Ribosome subunits. Ribosomal RNA and protein components of the ribosome. Basic steps in the regulation of proteosynthesis. Intracellular localization of proteosynthesis. Protein distribution in the cell. Posttranslational fate of proteins.	

Mitochondria and chloroplasts. Ultrastructure and function of semiautonomous organelles. Specific roles of mitochondrial and chloroplast membranes. Organelle genomes. Oxidative phosphorylation. Photosynthesis-photophosphorylation. Endoplasmic reticulum, Golgi apparatus. Structure and function. Smooth and rough endoplasmic reticulum, sarcoplasmic reticulum. Vesicular transport. Role in protein distribution and transport in eukaryotic cells. Vacuoles, lysosomes and peroxisomes. Structure, function, biogenesis and distribution. Metabolism. Clinical significance of lysosomes and peroxisomes. Cytoskeleton as a dynamic structure. Cytoskeletal components. Cytoskeleton as a motive system: vesicular transport, cell motility and cell division. Cell surfaces. Cytoplasmic membrane and cell wall. Extracellular matrix. From individual cells to tissues and multicellular organisms. Cells in a social context. Biofilms. Cells as part of tissues. Epithelium and intercellular connections. Quorum sensing. Intercellular communication and cell death.																	
Recommended literature: Alberts et al. (2014) Molecular Biology of the Cell, Garland Science. Alberts et al. (2014) Essential Cell Biology, 5th edition, W. W. Norton & Company. Lodish et al. (2016) Molecular Cell Biology. 8th edition, W. H. Freeman and Company.																	
Languages necessary to complete the course: Slovak in combination with English (textbooks in English)																	
Notes: the course is provided only in the winter semester																	
Past grade distribution Total number of evaluated students: 88 <table border="1"> <thead> <tr> <th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>FX</th></tr> </thead> <tbody> <tr> <td>36,36</td><td>15,91</td><td>15,91</td><td>13,64</td><td>11,36</td><td>6,82</td></tr> </tbody> </table>						A	B	C	D	E	FX	36,36	15,91	15,91	13,64	11,36	6,82
A	B	C	D	E	FX												
36,36	15,91	15,91	13,64	11,36	6,82												
Lecturers: prof. RNDr. Jozef Nosek, DrSc., doc. Mgr. Peter Polčic, PhD.																	
Last change: 07.10.2022																	
Approved by: doc. RNDr. Martin Putala, CSc.																	

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-027/22		Course title: Programming in Chemistry			
Educational activities: Type of activities: practicals Number of hours: per week: 4 per level/semester: 52 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: 25					
A	B	C	D	E	FX
96,0	4,0	0,0	0,0	0,0	0,0
Lecturers: doc. Mgr. Pavel Neogrády, DrSc., Mgr. Dávid Vrška, PhD., doc. Mgr. Michal Pitoňák, PhD.					
Last change: 21.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-bCJD-041/22		Course title: Radiation and life			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1., 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: 189					
A	B	C	D	E	FX
76,72	15,87	2,12	0,0	0,0	5,29
Lecturers: doc. RNDr. Eva Viglašová, PhD.					
Last change: 13.09.2023					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bXTV-110/22		Course title: River rafting			
Educational activities: Type of activities: other Number of hours: per week: per level/semester: 3d Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 2., 4., 6.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 224					
A	B	C	D	E	FX
58,93	0,0	0,0	0,0	0,0	41,07
Lecturers: Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Denisa Strečanská, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD.					
Last change: 01.08.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-128/22		Course title: Scientific English for Chemistry 1			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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: 72					
A	B	C	D	E	FX
63,89	23,61	1,39	1,39	2,78	6,94
Lecturers: Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD.					
Last change: 03.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-129/22		Course title: Scientific English for Chemistry 2			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 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: 64					
A	B	C	D	E	FX
82,81	10,94	0,0	0,0	1,56	4,69
Lecturers: Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD.					
Last change: 26.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCAG-015/22		Course title: Selected topics of coordination chemistry and stereochemistry			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 13 / 13 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: 10					
A	B	C	D	E	FX
50,0	20,0	10,0	20,0	0,0	0,0
Lecturers: doc. Svitlana Vitushkina, PhD.					
Last change: 04.10.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-bCAL-051/22		Course title: Seminar in Separation Methods			
Educational activities: Type of activities: seminar Number of hours: per week: 1 per level/semester: 13 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: 16					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Jasna Hradski, PhD., RNDr. Peter Troška, PhD., RNDr. Robert Kubinec, CSc., RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD.					
Last change: 07.08.2025					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAICH/N-bCAL-049/22		Course title: Separation Methods			
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 3 / 2 per level/semester: 39 / 26 Form of the course: on-site learning					
Number of credits: 5					
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: 35					
A	B	C	D	E	FX
34,29	20,0	25,71	5,71	14,29	0,0
Lecturers: prof. RNDr. Marian Masár, PhD., RNDr. Jaroslav Blaško, PhD., doc. RNDr. Róbert Góra, PhD., Mgr. Jasna Hradski, PhD., RNDr. Peter Troška, PhD., RNDr. Renáta Górová, PhD.					
Last change: 07.08.2025					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-142/24		Course title: Slovak for Foreign Students			
Educational activities: Type of activities: seminar Number of hours: per week: 4 per level/semester: 52 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 2., 3., 4., 5., 6..					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 112					
A	B	C	D	E	FX
68,75	19,64	4,46	0,0	0,0	7,14
Lecturers: Mgr. Karin Rózsová Wolfová					
Last change: 05.09.2024					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.ULVG/N-bXXX-003/23		Course title: Soft-skills: Scientific Literacy and Communication in Natural Sciences			
Educational activities: Type of activities: lecture Number of hours: per week: 1 per level/semester: 13 Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 1., 3., 5.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 343					
A	B	C	D	E	FX
73,76	5,25	5,25	3,5	2,92	9,33
Lecturers: doc. RNDr. Martin Urík, PhD.					
Last change: 30.08.2023					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026						
University: Comenius University Bratislava						
Faculty: Faculty of Natural Sciences						
Course ID: PriF.KTV/N-bUXX-208/25			Course title: Summer Physical-Education Training			
Educational activities: Type of activities: training session Number of hours: per week: per level/semester: 6d Form of the course: on-site learning						
Number of credits: 1						
Recommended semester: 2., 4., 6.						
Educational level: I., P						
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	ABS	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. PaedDr. Simona Rášiová, Mgr. Igor Remák, PhD., Mgr. Denisa Strečanská, PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková						
Last change:						
Approved by: doc. RNDr. Martin Putala, CSc.						

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAgCh/N-bCAG-008/22		Course title: The Chemistry of Nanomaterials			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning					
Number of credits: 3					
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: 25					
A	B	C	D	E	FX
72,0	20,0	8,0	0,0	0,0	0,0
Lecturers: prof. RNDr. Gustáv Plesch, DrSc., prof. RNDr. Juraj Bujdák, DrSc., RNDr. Milan Sýkora, PhD., MBA, Mgr. Martin Motola, PhD., doc. Mgr. Olivier Monfort, PhD.					
Last change: 26.09.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCXX-015/22		Course title: Theory of Chemical Bond			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning					
Number of credits: 3					
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: 86					
A	B	C	D	E	FX
18,6	19,77	10,47	13,95	24,42	12,79
Lecturers: prof. RNDr. Ivan Černušák, DrSc., prof. RNDr. Miroslav Urban, DrSc., Mgr. Michal Repiský, PhD.					
Last change: 29.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KZ/N-XXXX-006/21		Course title: Theory of species			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2., 4., 6.					
Educational level: I., II., P					
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
51,34	21,07	11,11	2,3	0,77	13,41
Lecturers: doc. Mgr. Peter Vďačný, PhD.					
Last change: 07.11.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KOrCh/N-bCXX-046/22		Course title: Toxicology			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 13 / 13 Form of the course: on-site learning					
Number of credits: 2					
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: 51					
A	B	C	D	E	FX
70,59	11,76	11,76	0,0	3,92	1,96
Lecturers: Mgr. Henrieta Stankovičová, PhD., RNDr. Katarína Stebelová, PhD., Ing. Tomáš Čarný, PhD.					
Last change: 07.11.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-140/23		Course title: UNIcert preparatory course 1			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 5.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 114					
A	B	C	D	E	FX
85,96	11,4	2,63	0,0	0,0	0,0
Lecturers: PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Mariana Hyžná, PhD.					
Last change: 01.08.2023					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-bXCJ-141/23		Course title: UNIcert preparatory course 2			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 6.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 76					
A	B	C	D	E	FX
96,05	3,95	0,0	0,0	0,0	0,0
Lecturers: Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Aneta Barnes, Mgr. Lenka Jeleňová					
Last change: 01.08.2023					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KFTCh/N-bCFZ-001/22		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: 13 / 13 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: 4					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. Mgr. Michal Pitoňák, PhD., prof. RNDr. Ivan Černušák, DrSc.					
Last change: 29.07.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026						
University: Comenius University Bratislava						
Faculty: Faculty of Natural Sciences						
Course ID: PriF.KTV/N-bUXX-207/25			Course title: Winter Physical-Education Training			
Educational activities: Type of activities: training session Number of hours: per week: per level/semester: 6d Form of the course: on-site learning						
Number of credits: 1						
Recommended semester: 1., 3., 5.						
Educational level: I., P						
Prerequisites:						
Course requirements:						
Learning outcomes:						
Class syllabus:						
Recommended literature:						
Languages necessary to complete the course:						
Notes:						
Past grade distribution Total number of evaluated students: 29						
A	ABS	B	C	D	E	FX
58,62	0,0	0,0	0,0	0,0	0,0	41,38
Lecturers: Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. PaedDr. Simona Rášiová, Mgr. Igor Remák, PhD., Mgr. Denisa Strečanská, PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková						
Last change:						
Approved by: doc. RNDr. Martin Putala, CSc.						

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bXTV-208/25		Course title: Winter Physical-Education Training			
Educational activities: Type of activities: training session Number of hours: per week: per level/semester: 6d Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 3., 5.					
Educational level: I., P					
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
69,09	0,0	0,0	0,0	0,0	30,91
Lecturers: Mgr. Martin Mokošák, PhD.					
Last change:					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KEGD/N-bZEG-055/24		Course title: World, society and development through the eyes of human geography and demography			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1., 3.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 177					
A	B	C	D	E	FX
33,33	38,42	14,69	3,95	1,69	7,91
Lecturers: doc. Mgr. Vladimír Bačík, PhD., prof. RNDr. Branislav Bleha, PhD., Mgr. Jaroslav Rusnák, PhD., prof. RNDr. Ján Buček, CSc., doc. Mgr. Marcel Horňák, PhD., Mgr. Juraj Majo, PhD., RNDr. Martin Plešivčák, PhD.					
Last change: 11.09.2024					
Approved by: doc. RNDr. Martin Putala, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-bXTV-109/22		Course title: Ďumbier mountain hiking			
Educational activities: Type of activities: other Number of hours: per week: per level/semester: 3d Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 1., 3., 5.					
Educational level: I., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 479					
A	B	C	D	E	FX
66,18	0,0	0,0	0,0	0,0	33,82
Lecturers: Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Denisa Strečanská, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD.					
Last change: 01.08.2022					
Approved by: doc. RNDr. Martin Putala, CSc.					