

# Course descriptions

## TABLE OF CONTENTS

1. N-mCUS-012/15 Advanced Exercise from Environmental Analytical Chemistry.....	3
2. N-mCAL-111/15 Advanced courses from applied analytical chemistry.....	4
3. N-mCAL-108/15 Advanced exercise from separation methods.....	5
4. N-mCAL-107/15 Advanced methods of continuous and flow analysis.....	6
5. N-mCAL-100/15 Advanced methods on chemometry.....	7
6. N-mCAL-121/15 Analysis and characterization of biomacromolecules.....	8
7. N-CHAL-952/15 Analytical Chemistry ( <b>state exam</b> ).....	9
8. N-mCAL-122/15 Analytical chemistry in diagnostic and therapeutic process in human medicine.....	10
9. N-CHAL-955/15 Applied analytical chemistry ( <b>state exam</b> ).....	11
10. D-N-mEXX-113/15 Biodegradation.....	12
11. N-mCUS-011/15 Biota chemistry.....	13
12. N-mXCJ-074/20 CLIL 1 – Content and language integrated learning.....	14
13. N-mXCJ-075/20 CLIL 2 – Content and language integrated learning.....	15
14. N-mCAL-010/15 Chemical analysis of solis.....	16
15. N-mCUS-009/15 Chemical properties and equilibrium in water.....	17
16. N-mCUS-008/15 Chemical properties of gaseous samples and air.....	18
17. N-CHAL-954/15 Detection and identification methods in analytical chemistry ( <b>state exam</b> ).....	19
18. N-mCAL-119/15 Diploma thesis.....	20
19. N-mCAL-106/15 Electrochemical methods of chemical analysis.....	21
20. N-mCAL-101/15 Electroseparation methods.....	22
21. N-mXCJ-062/10 English Preparatory Course for UNIcert 1.....	23
22. N-mXCJ-063/10 English Preparatory Course for UNIcert 2.....	24
23. N-mXCJ-060/10 English 1.....	25
24. N-mXCJ-061/10 English 2.....	26
25. N-mXCJ-070/18 English language 1 - preparation course for UNIcert.....	27
26. N-mXCJ-071/18 English language 2 - preparation course for UNIcert.....	28
27. N-mCUS-005/15 Environmental Biochemistry.....	29
28. N-mCAG-118/15 Environmental Inorganic Chemistry.....	30
29. N-mCJD-115/15 Environmental Nuclear Chemistry.....	31
30. N-mCUS-014/15 Expertise in Applied Analytical Chemistry (1).....	32
31. N-mCUS-013/15 Expertise in Applied Analytical Chemistry (2).....	33
32. N-mCUS-001/15 Gas chromatography.....	34
33. N-mXCJ-068/10 German Preparatory Course for UNIcert 1.....	35
34. N-mXCJ-069/10 German Preparatory Course for UNIcert 2.....	36
35. N-mXCJ-064/10 German 1.....	37
36. N-mXCJ-065/10 German 2.....	38
37. N-mXCJ-072/18 German langugae 1 – UNIcert preparatory course.....	39
38. N-mXCJ-073/18 German langugae 2 – UNIcert preparatory course.....	40
39. N-mCOR-123/15 Green Chemistry.....	41
40. N-mXXX-003/19 Green University 1.....	42
41. N-mXXX-004/19 Green University 2.....	43
42. N-mCUS-006/15 Introduction to metabolomics.....	44
43. N-mCAL-103/15 Introduction to miniaturized instrumental analysis.....	45
44. N-mCAL-110/15 Laboratory practice.....	46
45. N-mCAL-102/15 Liquid chromatography.....	47

46. N-mCAL-104/15	Mass spectrometry in analytical chemistry.....	48
47. N-mOBH-100/15	Master Thesis Defence ( <b>state exam</b> ).....	49
48. N-mCAL-115/15	Master thesis research (1).....	50
49. N-mCAL-116/15	Master thesis research (2).....	51
50. N-mCAL-117/15	Master thesis seminar (1).....	52
51. N-mCAL-118/15	Master thesis seminar (2).....	53
52. N-mCUS-007/15	Monitoring Chemicals and Radioactive Environmental Contaminants.....	54
53. N-mCAL-105/15	Optical methods of chemical analysis.....	55
54. N-mXTV-107/18	Physical Education.....	56
55. N-mXTV-109/18	Physical Education.....	57
56. N-mXTV-110/18	Physical Education 10.....	58
57. N-mXTV-108/18	Physical Education 8.....	59
58. N-mCUS-003/15	Physical-chemical processes in matrices.....	60
59. N-mCUS-016/15	Process modeling in matrices and samples.....	61
60. N-mCAL-114/15	Sampling and sample pretreatment in analytical chemistry.....	62
61. N-CHAL-953/15	Separation Methods in Analytical Chemistry ( <b>state exam</b> ).....	63
62. N-mCAL-109/15	Separation and detection of chiral substances.....	64
63. N-mCAL-123/15	Special seminar from analytical chemistry (1).....	65
64. N-mCAL-124/15	Special seminar from analytical chemistry (2).....	66
65. N-mUXX-204/10	Summer physic-educational meeting.....	67
66. N-mCAG-119/15	Thermal Analysis.....	68
67. N-mCUS-004/15	Transformation of pollutants in matrices and samples.....	69
68. N-mCUS-015/15	Transport of pollutants in matrices and samples.....	70
69. N-mCAL-120/15	Trends in analytical chemistry.....	71
70. N-mEXX-108/15	Waste Management.....	72
71. D-N-mEXX-112/15	Water Management and Water Protection.....	73
72. N-mUXX-203/10	Winter physic-educational meeting.....	74

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.ChÚ/N-mCUS-012/15	<b>Course title:</b> Advanced Exercise from Environmental Analytical Chemistry									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 2.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 8										
A	B	C	D	E	FX					
100,0	0,0	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> RNDr. Jaroslav Blaško, PhD., RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-111/15	<b>Course title:</b> Advanced courses from applied analytical chemistry									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals										
<b>Number of hours:</b>										
per week: 4 per level/semester: 56										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 2.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 8										
A	B	C	D	E	FX					
0,0	87,5	12,5	0,0	0,0	0,0					
<b>Lecturers:</b> doc. RNDr. Marian Masár, PhD., RNDr. Robert Kubinec, CSc., RNDr. Jaroslav Blaško, PhD., RNDr. Róbert Góra, PhD., RNDr. Peter Troška, PhD., Mgr. Jasna Hradská, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-108/15	<b>Course title:</b> Advanced exercise from separation methods									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals										
<b>Number of hours:</b>										
per week: 12 per level/semester: 168										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 9										
<b>Recommended semester:</b> 2.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 59										
A	B	C	D	E	FX					
38,98	52,54	8,47	0,0	0,0	0,0					
<b>Lecturers:</b> RNDr. Róbert Bodor, PhD., RNDr. Róbert Góra, PhD., doc. RNDr. Marian Masár, PhD., RNDr. Csilla Miščanová, PhD., RNDr. Peter Troška, PhD., RNDr. Jaroslav Blaško, PhD., RNDr. Robert Kubinec, CSc., Ing. Roman Szűcs, PhD., Mgr. Jasna Hradská, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-107/15	<b>Course title:</b> Advanced methods of continuous and flow analysis									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 3 per level/semester: 42										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 1.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 60										
A	B	C	D	E	FX					
56,67	23,33	11,67	6,67	0,0	1,67					
<b>Lecturers:</b> RNDr. Róbert Bodor, PhD., doc. RNDr. Radoslav Halko, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-100/15	<b>Course title:</b> Advanced methods on chemometry									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture / seminar										
<b>Number of hours:</b>										
per week: 2 / 1    per level/semester: 28 / 14										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 4										
<b>Recommended semester:</b> 1.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 69										
A	B	C	D	E	FX					
5,8	7,25	28,99	30,43	24,64	2,9					
<b>Lecturers:</b> RNDr. Jaroslav Blaško, PhD., RNDr. Marek Cigáň, PhD., doc. RNDr. Andrea Vojs Staňová, PhD., prof. PharmDr. Josef Jampílek, PhD., Ing. Roman Szücs, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-121/15	<b>Course title:</b> Analysis and characterization of biomacromolecules									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 3 per level/semester: 42										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 51										
A	B	C	D	E	FX					
80,39	17,65	0,0	0,0	1,96	0,0					
<b>Lecturers:</b> RNDr. Róbert Góra, PhD., doc. RNDr. Marian Masár, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## STATE EXAM DESCRIPTION

<b>University:</b> Comenius University in Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KAlCh/N-CHAL-952/15	<b>Course title:</b> Analytical Chemistry
<b>Number of credits:</b> 3	
<b>Educational level:</b> II.	
<b>State exam syllabus:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KAlCh/N-mCAL-122/15	<b>Course title:</b> Analytical chemistry in diagnostic and therapeutic process in human medicine				
<b>Educational activities:</b>					
<b>Type of activities:</b> seminar					
<b>Number of hours:</b>					
per week: 3 per level/semester: 42					
<b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 4					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 49					
A	B	C	D	E	FX
95,92	4,08	0,0	0,0	0,0	0,0
<b>Lecturers:</b> MUDr. Peter Božek, CSc., RNDr. Renáta Górová, PhD., Jana Netriová, prof. PharmDr. Josef Jampílek, PhD.					
<b>Last change:</b> 21.11.2017					
<b>Approved by:</b>					

## STATE EXAM DESCRIPTION

<b>University:</b> Comenius University in Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KAlCh/N-CHAL-955/15	<b>Course title:</b> Applied analytical chemistry
<b>Number of credits:</b> 2	
<b>Educational level:</b> II.	
<b>State exam syllabus:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KEM/D-N-mEXX-113/15	<b>Course title:</b> Biodegradation									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture / seminar										
<b>Number of hours:</b>										
per week: 1 / 1 per level/semester: 14 / 14										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 1.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 0										
A	B	C	D	E	FX					
0,0	0,0	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> prof. Ing. Eva Chmielewska, CSc., prof. RNDr. Alexandra Šimonovičová, CSc.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.ChÚ/N-mCUS-011/15	<b>Course title:</b> Biota chemistry									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 2.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 8										
A	B	C	D	E	FX					
37,5	0,0	25,0	25,0	12,5	0,0					
<b>Lecturers:</b> Mgr. Henrieta Stankovičová, PhD., RNDr. Helena Jurdáková, PhD., RNDr. Pavol Tisovský, PhD., doc. RNDr. Radoslav Halko, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KJ/N-mXCJ-074/20	<b>Course title:</b> CLIL 1 – Content and language integrated learning									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 1., 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 2										
A	B	C	D	E	FX					
100,0	0,0	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> Mgr. Barbara Kordíková										
<b>Last change:</b>										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KJ/N-mXCJ-075/20	<b>Course title:</b> CLIL 2 – Content and language integrated learning									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 2., 4.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b> PriF.KJ/N-mXCJ-074/20 - CLIL 1 – Content and language integrated learning										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 4										
A	B	C	D	E	FX					
100,0	0,0	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> Mgr. Barbara Kordíková										
<b>Last change:</b>										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-010/15	<b>Course title:</b> Chemical analysis of solis									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture / seminar										
<b>Number of hours:</b>										
per week: 2 / 1 per level/semester: 28 / 14										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 2.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 9										
A	B	C	D	E	FX					
22,22	11,11	11,11	33,33	22,22	0,0					
<b>Lecturers:</b> RNDr. Renáta Górová, PhD., doc. RNDr. Radoslav Halko, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.ChÚ/N-mCUS-009/15	<b>Course title:</b> Chemical properties and equilibrium in water									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture / seminar										
<b>Number of hours:</b>										
per week: 2 / 1 per level/semester: 28 / 14										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 2.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 9										
A	B	C	D	E	FX					
22,22	11,11	33,33	22,22	11,11	0,0					
<b>Lecturers:</b> RNDr. Renáta Górová, PhD., RNDr. Gabriela Addová, PhD., prof. RNDr. Anton Gálovský, DrSc.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.ChÚ/N-mCUS-008/15	<b>Course title:</b> Chemical properties of gaseous samples and air									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture / seminar										
<b>Number of hours:</b>										
per week: 1 / 1 per level/semester: 14 / 14										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 2.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 8										
A	B	C	D	E	FX					
50,0	50,0	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> RNDr. Jaroslav Blaško, PhD., RNDr. Robert Kubinec, CSc., doc. RNDr. Radoslav Halko, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## STATE EXAM DESCRIPTION

<b>University:</b> Comenius University in Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KAlCh/N-CHAL-954/15	<b>Course title:</b> Detection and identification methods in analytical chemistry
<b>Number of credits:</b> 2	
<b>Educational level:</b> II.	
<b>State exam syllabus:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-119/15	<b>Course title:</b> Diploma thesis									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 4.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 59										
A	B	C	D	E	FX					
79,66	13,56	3,39	1,69	0,0	1,69					
<b>Lecturers:</b> RNDr. Róbert Bodor, PhD., RNDr. Róbert Góra, PhD., doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Marian Masár, PhD., RNDr. Csilla Miščanová, PhD., RNDr. Simona Procházková, PhD., RNDr. Peter Troška, PhD., doc. RNDr. Andrea Vojs Staňová, PhD., RNDr. Gabriela Addová, PhD., RNDr. Jaroslav Blaško, PhD., RNDr. Renáta Górová, PhD., RNDr. Robert Kubinec, CSc., prof. PharmDr. Josef Jampílek, PhD., Ing. Roman Szücs, PhD., RNDr. Helena Jurdáková, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-106/15	<b>Course title:</b> Electrochemical methods of chemical analysis									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals / lecture / seminar										
<b>Number of hours:</b>										
per week: 4 / 2 / 1    per level/semester: 56 / 28 / 14										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 7										
<b>Recommended semester:</b> 1.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 60										
A	B	C	D	E	FX					
16,67	8,33	30,0	28,33	16,67	0,0					
<b>Lecturers:</b> RNDr. Róbert Bodor, PhD., doc. RNDr. Marian Masár, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-101/15	<b>Course title:</b> Electroseparation methods									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture / seminar										
<b>Number of hours:</b>										
per week: 2 / 1 per level/semester: 28 / 14										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 4										
<b>Recommended semester:</b> 2.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 68										
A	B	C	D	E	FX					
22,06	22,06	35,29	16,18	2,94	1,47					
<b>Lecturers:</b> doc. RNDr. Marian Masár, PhD., RNDr. Róbert Bodor, PhD., RNDr. Peter Troška, PhD., Mgr. Jasna Hradská, PhD., Ing. Roman Szűcs, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KJ/N-mXCJ-062/10	<b>Course title:</b> English Preparatory Course for UNIcert 1									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 1., 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b> PriF.KJ/N-bXCJ-118/18 - English language 3 - preparation course for UNIcert, PriF.KJ/N-bXCJ-119/18 - English language 4 - preparation course for UNIcert										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 258										
A	B	C	D	E	FX					
66,67	26,36	6,2	0,78	0,0	0,0					
<b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková										
<b>Last change:</b> 10.01.2020										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KJ/N-mXCJ-063/10	<b>Course title:</b> English Preparatory Course for UNIcert 2									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 2., 4.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b> PriF.KJ/N-mXCJ-062/10 - English Preparatory Course for UNIcert 1										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 243										
A	B	C	D	E	FX					
81,48	13,17	4,12	0,82	0,41	0,0					
<b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková										
<b>Last change:</b> 10.01.2020										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KJ/N-mXCJ-060/10	<b>Course title:</b> English 1									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 1., 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 331										
A	B	C	D	E	FX					
72,21	15,71	7,55	1,21	0,0	3,32					
<b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková, PhDr. Oľga Pažitková, CSc.										
<b>Last change:</b> 08.01.2020										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KJ/N-mXCJ-061/10	<b>Course title:</b> English 2									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 2., 4.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 281										
A	B	C	D	E	FX					
75,8	18,86	3,2	1,07	0,0	1,07					
<b>Lecturers:</b> PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Barbara Kordíková, PhDr. Oľga Pažitková, CSc.										
<b>Last change:</b> 08.01.2020										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KJ/N-mXCJ-070/18	<b>Course title:</b> English language 1 - preparation course for UNIcert									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 1., 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 32										
A	B	C	D	E	FX					
65,63	31,25	3,13	0,0	0,0	0,0					
<b>Lecturers:</b> Michael Jerry Sabo, Mgr. Barbara Kordíková, PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., RNDr. Tatiana Slováková, PhD.										
<b>Last change:</b> 10.01.2020										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KJ/N-mXCJ-071/18	<b>Course title:</b> English language 2 - preparation course for UNIcert									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 2., 4.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 36										
A	B	C	D	E	FX					
88,89	8,33	2,78	0,0	0,0	0,0					
<b>Lecturers:</b> Michael Jerry Sabo, Mgr. Barbara Kordíková, PhDr. Jarmila Cihová, PhD., PhDr. Štefánia Dugovičová, PhD., RNDr. Tatiana Slováková, PhD.										
<b>Last change:</b> 10.01.2020										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.ChÚ/N-mCUS-005/15	<b>Course title:</b> Environmental Biochemistry									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 1.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 8										
A	B	C	D	E	FX					
87,5	12,5	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> RNDr. Pavol Koiš, CSc., RNDr. Gabriela Addová, PhD., doc. RNDr. Marian Masár, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAgCh/N-mCAG-118/15	<b>Course title:</b> Environmental Inorganic Chemistry									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 1.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 15										
A	B	C	D	E	FX					
20,0	20,0	60,0	0,0	0,0	0,0					
<b>Lecturers:</b> prof. Ing. Karol Jesenák, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KJCh/N-mCJD-115/15	<b>Course title:</b> Environmental Nuclear Chemistry				
<b>Educational activities:</b>					
<b>Type of activities:</b> lecture					
<b>Number of hours:</b>					
per week: 2 per level/semester: 28					
<b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b>					
Total number of evaluated students: 8					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> RNDr. Dušan Galanda, PhD., doc. RNDr. Jozef Kuruc, CSc.					
<b>Last change:</b> 21.11.2017					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.ChÚ/N-mCUS-014/15	<b>Course title:</b> Expertise in Applied Analytical Chemistry (1)									
<b>Educational activities:</b>										
<b>Type of activities:</b> practice										
<b>Number of hours:</b>										
per week: per level/semester: 3t										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 1.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 3										
A	B	C	D	E	FX					
100,0	0,0	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> RNDr. Jaroslav Blaško, PhD., RNDr. Marek Cigáň, PhD., RNDr. Renáta Górová, PhD., RNDr. Robert Kubinec, CSc., RNDr. Helena Jurdáková, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.ChÚ/N-mCUS-013/15	<b>Course title:</b> Expertise in Applied Analytical Chemistry (2)									
<b>Educational activities:</b>										
<b>Type of activities:</b> practice										
<b>Number of hours:</b>										
per week: per level/semester: 3t										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 2.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 4										
A	B	C	D	E	FX					
100,0	0,0	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> RNDr. Jaroslav Blaško, PhD., RNDr. Marek Cigáň, PhD., RNDr. Renáta Górová, PhD., RNDr. Robert Kubinec, CSc., RNDr. Helena Jurdáková, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.ChÚ/N-mCUS-001/15	<b>Course title:</b> Gas chromatography									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture / seminar										
<b>Number of hours:</b>										
per week: 2 / 1 per level/semester: 28 / 14										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 4										
<b>Recommended semester:</b> 2.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 67										
A	B	C	D	E	FX					
47,76	35,82	11,94	2,99	1,49	0,0					
<b>Lecturers:</b> RNDr. Jaroslav Blaško, PhD., RNDr. Robert Kubinec, CSc., prof. RNDr. Anton Gálovský, DrSc.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KJ/N-mXCJ-068/10	<b>Course title:</b> German Preparatory Course for UNIcert 1									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 1., 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 30										
A	B	C	D	E	FX					
46,67	33,33	13,33	3,33	0,0	3,33					
<b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová										
<b>Last change:</b> 15.01.2020										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KJ/N-mXCJ-069/10	<b>Course title:</b> German Preparatory Course for UNIcert 2									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 2., 4.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 20										
A	B	C	D	E	FX					
70,0	25,0	5,0	0,0	0,0	0,0					
<b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová										
<b>Last change:</b> 14.01.2020										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KJ/N-mXCJ-064/10	<b>Course title:</b> German 1									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 1., 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 67										
A	B	C	D	E	FX					
86,57	2,99	1,49	2,99	0,0	5,97					
<b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová										
<b>Last change:</b> 16.01.2020										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KJ/N-mXCJ-065/10	<b>Course title:</b> German 2									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 2., 4.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 57										
A	B	C	D	E	FX					
87,72	7,02	1,75	1,75	0,0	1,75					
<b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová										
<b>Last change:</b> 21.01.2020										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KJ/N-mXCJ-072/18	<b>Course title:</b> German language 1 – UNIcert preparatory course									
<b>Educational activities:</b>										
Type of activities: practicals										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 1., 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 4										
A	B	C	D	E	FX					
25,0	75,0	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová										
<b>Last change:</b> 15.01.2020										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KJ/N-mXCJ-073/18	<b>Course title:</b> German language 2 – UNIcert preparatory course									
<b>Educational activities:</b>										
Type of activities: practicals										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 2., 4.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 4										
A	B	C	D	E	FX					
50,0	50,0	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> Mgr. Stella Rizmanová, Mgr. Karin Rózsová Wolfová										
<b>Last change:</b> 15.01.2020										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KOrCh/N-mCOR-123/15	<b>Course title:</b> Green Chemistry				
<b>Educational activities:</b>					
<b>Type of activities:</b> lecture / seminar					
<b>Number of hours:</b>					
per week: 1 / 1 per level/semester: 14 / 14					
<b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b>					
Total number of evaluated students: 4					
A	B	C	D	E	FX
50,0	50,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> doc. Ing. Mária Mečiarová, PhD.					
<b>Last change:</b> 21.11.2017					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KEM/N-mXXX-003/19	<b>Course title:</b> Green University 1				
<b>Educational activities:</b>					
<b>Type of activities:</b> practicals / seminar					
<b>Number of hours:</b>					
per week: 2 / 2    per level/semester: 28 / 28					
<b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1., 2..., 3., 4..					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b>					
Total number of evaluated students: 33					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD., RNDr. Hubert Žarnovičan, PhD.					
<b>Last change:</b> 11.02.2020					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KEM/N-mXXX-004/19	<b>Course title:</b> Green University 2				
<b>Educational activities:</b>					
<b>Type of activities:</b> practicals / seminar					
<b>Number of hours:</b>					
per week: 2 / 2    per level/semester: 28 / 28					
<b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 1., 2..., 3., 4..					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b>					
Total number of evaluated students: 2					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD., RNDr. Hubert Žarnovičan, PhD.					
<b>Last change:</b> 11.02.2020					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.ChÚ/N-mCUS-006/15	<b>Course title:</b> Introduction to metabolomics									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals / lecture / seminar										
<b>Number of hours:</b>										
per week: 2 / 2 / 2    per level/semester: 28 / 28 / 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 5										
<b>Recommended semester:</b> 1.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 9										
A	B	C	D	E	FX					
11,11	33,33	33,33	11,11	0,0	11,11					
<b>Lecturers:</b> RNDr. Renáta Górová, PhD., RNDr. Gabriela Addová, PhD., prof. RNDr. Anton Gálovský, DrSc., RNDr. Helena Jurdáková, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-103/15	<b>Course title:</b> Introduction to miniaturized instrumental analysis									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture / seminar										
<b>Number of hours:</b>										
per week: 2 / 2    per level/semester: 28 / 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 4										
<b>Recommended semester:</b> 2.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 67										
A	B	C	D	E	FX					
41,79	37,31	11,94	5,97	2,99	0,0					
<b>Lecturers:</b> doc. RNDr. Marian Masár, PhD., prof. RNDr. Milan Hutta, CSc., RNDr. Róbert Bodor, PhD., Mgr. Jasna Hradská, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KAlCh/N-mCAL-110/15	<b>Course title:</b> Laboratory practice				
<b>Educational activities:</b>					
<b>Type of activities:</b> practice					
<b>Number of hours:</b>					
per week: per level/semester: 3t					
<b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b>					
Total number of evaluated students: 57					
A	B	C	D	E	FX
96,49	1,75	0,0	1,75	0,0	0,0
<b>Lecturers:</b> RNDr. Róbert Bodor, PhD., RNDr. Róbert Góra, PhD., doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Marian Masár, PhD., RNDr. Csilla Miščanová, PhD., RNDr. Simona Procházková, PhD., RNDr. Peter Troška, PhD., doc. RNDr. Andrea Vojs Staňová, PhD., prof. PharmDr. Josef Jampílek, PhD., Ing. Roman Szücs, PhD., Mgr. Jasna Hradská, PhD., RNDr. Helena Jurdáková, PhD., RNDr. Jaroslav Blaško, PhD.					
<b>Last change:</b> 10.01.2020					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-102/15	<b>Course title:</b> Liquid chromatography									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture / seminar										
<b>Number of hours:</b>										
per week: 2 / 1 per level/semester: 28 / 14										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 4										
<b>Recommended semester:</b> 2.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 68										
A	B	C	D	E	FX					
29,41	32,35	20,59	11,76	4,41	1,47					
<b>Lecturers:</b> RNDr. Róbert Góra, PhD., Ing. Roman Szűcs, PhD., prof. PharmDr. Josef Jampílek, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-104/15	<b>Course title:</b> Mass spectrometry in analytical chemistry									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals / lecture / seminar										
<b>Number of hours:</b>										
per week: 4 / 2 / 1    per level/semester: 56 / 28 / 14										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 7										
<b>Recommended semester:</b> 1.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 61										
A	B	C	D	E	FX					
6,56	16,39	13,11	39,34	21,31	3,28					
<b>Lecturers:</b> doc. RNDr. Andrea Vojs Staňová, PhD., RNDr. Csilla Mišlánová, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## STATE EXAM DESCRIPTION

<b>University:</b> Comenius University in Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KAlCh/N-mOBH-100/15	<b>Course title:</b> Master Thesis Defence
<b>Number of credits:</b> 10	
<b>Educational level:</b> II.	
<b>State exam syllabus:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-115/15	<b>Course title:</b> Master thesis research (1)									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals										
<b>Number of hours:</b>										
per week: 13 per level/semester: 182										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 13										
<b>Recommended semester:</b> 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 58										
A	B	C	D	E	FX					
91,38	5,17	0,0	1,72	1,72	0,0					
<b>Lecturers:</b> RNDr. Róbert Bodor, PhD., RNDr. Róbert Góra, PhD., doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Marian Masár, PhD., RNDr. Csilla Miščanová, PhD., RNDr. Simona Procházková, PhD., RNDr. Peter Troška, PhD., doc. RNDr. Andrea Vojs Staňová, PhD., RNDr. Gabriela Addová, PhD., RNDr. Jaroslav Blaško, PhD., RNDr. Renáta Górová, PhD., RNDr. Robert Kubinec, CSc., prof. PharmDr. Josef Jampílek, PhD., Ing. Roman Szücs, PhD., Mgr. Jasna Hradská, PhD., RNDr. Helena Jurdáková, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-116/15	<b>Course title:</b> Master thesis research (2)									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals										
<b>Number of hours:</b>										
per week: 20 per level/semester: 280										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 11										
<b>Recommended semester:</b> 4.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 59										
A	B	C	D	E	FX					
81,36	11,86	3,39	1,69	0,0	1,69					
<b>Lecturers:</b> RNDr. Róbert Bodor, PhD., RNDr. Róbert Góra, PhD., doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Marian Masár, PhD., RNDr. Csilla Miščanová, PhD., RNDr. Simona Procházková, PhD., RNDr. Peter Troška, PhD., doc. RNDr. Andrea Vojs Staňová, PhD., RNDr. Gabriela Addová, PhD., RNDr. Jaroslav Blaško, PhD., RNDr. Renáta Górová, PhD., RNDr. Robert Kubinec, CSc., prof. PharmDr. Josef Jampílek, PhD., Ing. Roman Szücs, PhD., Mgr. Jasna Hradská, PhD., RNDr. Helena Jurdáková, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KAlCh/N-mCAL-117/15	<b>Course title:</b> Master thesis seminar (1)				
<b>Educational activities:</b>					
<b>Type of activities:</b> seminar					
<b>Number of hours:</b>					
per week: 2 per level/semester: 28					
<b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b>					
Total number of evaluated students: 58					
A	B	C	D	E	FX
98,28	0,0	0,0	0,0	1,72	0,0
<b>Lecturers:</b> prof. RNDr. Milan Hutta, CSc.					
<b>Last change:</b> 21.11.2017					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-118/15	<b>Course title:</b> Master thesis seminar (2)									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 2										
<b>Recommended semester:</b> 4.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 58										
A	B	C	D	E	FX					
98,28	0,0	0,0	0,0	1,72	0,0					
<b>Lecturers:</b> prof. RNDr. Milan Hutta, CSc.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KEM/N-mCUS-007/15	<b>Course title:</b> Monitoring Chemicals and Radioactive Environmental Contaminants									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 1.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 8										
A	B	C	D	E	FX					
87,5	12,5	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> RNDr. Dušan Galanda, PhD., RNDr. Gabriela Addová, PhD., prof. Ing. Eva Chmielewská, CSc.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-105/15	<b>Course title:</b> Optical methods of chemical analysis									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals / lecture / seminar										
<b>Number of hours:</b>										
per week: 4 / 2 / 1    per level/semester: 56 / 28 / 14										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 7										
<b>Recommended semester:</b> 1.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 60										
A	B	C	D	E	FX					
21,67	40,0	23,33	11,67	1,67	1,67					
<b>Lecturers:</b> doc. RNDr. Radoslav Halko, PhD., RNDr. Simona Procházková, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KTV/N-mXTV-107/18	<b>Course title:</b> Physical Education									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 1										
<b>Recommended semester:</b> 1.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 155										
A	B	C	D	E	FX					
98,71	1,29	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková										
<b>Last change:</b>										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KTV/N-mXTV-109/18	<b>Course title:</b> Physical Education									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 1										
<b>Recommended semester:</b> 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 181										
A	B	C	D	E	FX					
100,0	0,0	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková										
<b>Last change:</b>										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KTV/N-mXTV-110/18	<b>Course title:</b> Physical Education 10									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 1										
<b>Recommended semester:</b> 4.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 132										
A	B	C	D	E	FX					
100,0	0,0	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková										
<b>Last change:</b>										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KTV/N-mXTV-108/18	<b>Course title:</b> Physical Education 8									
<b>Educational activities:</b>										
<b>Type of activities:</b> practicals										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 1										
<b>Recommended semester:</b> 2.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 200										
A	B	C	D	E	FX					
100,0	0,0	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková										
<b>Last change:</b>										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.ChÚ/N-mCUS-003/15	<b>Course title:</b> Physical-chemical processes in matrices									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture / seminar										
<b>Number of hours:</b>										
per week: 2 / 2    per level/semester: 28 / 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 4										
<b>Recommended semester:</b> 1.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 9										
A	B	C	D	E	FX					
0,0	55,56	33,33	0,0	0,0	11,11					
<b>Lecturers:</b> RNDr. Marek Cigáň, PhD., prof. RNDr. Anton Gáplovský, DrSc.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.ChÚ/N-mCUS-016/15	<b>Course title:</b> Process modeling in matrices and samples									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 3 per level/semester: 42										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 7										
A	B	C	D	E	FX					
14,29	85,71	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> RNDr. Marek Cigáň, PhD., RNDr. Jaroslav Blaško, PhD., Mgr. Juraj Filo, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-114/15	<b>Course title:</b> Sampling and sample pretreatment in analytical chemistry									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture / seminar										
<b>Number of hours:</b>										
per week: 4 / 2    per level/semester: 56 / 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 6										
<b>Recommended semester:</b> 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 58										
A	B	C	D	E	FX					
31,03	32,76	25,86	8,62	1,72	0,0					
<b>Lecturers:</b> doc. RNDr. Marian Masár, PhD., prof. PharmDr. Josef Jampílek, PhD., Ing. Roman Szücs, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## STATE EXAM DESCRIPTION

<b>University:</b> Comenius University in Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KAlCh/N-CHAL-953/15	<b>Course title:</b> Separation Methods in Analytical Chemistry
<b>Number of credits:</b> 2	
<b>Educational level:</b> II.	
<b>State exam syllabus:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-109/15	<b>Course title:</b> Separation and detection of chiral substances									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 3 per level/semester: 42										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 4										
<b>Recommended semester:</b> 2.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 24										
A	B	C	D	E	FX					
50,0	29,17	8,33	12,5	0,0	0,0					
<b>Lecturers:</b> RNDr. Robert Kubinec, CSc., doc. RNDr. Marian Masár, PhD., Mgr. Jasna Hradská, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-123/15	<b>Course title:</b> Special seminar from analytical chemistry (1)									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 30										
A	B	C	D	E	FX					
86,67	0,0	10,0	3,33	0,0	0,0					
<b>Lecturers:</b> RNDr. Róbert Bodor, PhD., RNDr. Róbert Góra, PhD., doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Marian Masár, PhD., RNDr. Csilla Miščanová, PhD., RNDr. Simona Procházková, PhD., RNDr. Peter Troška, PhD., doc. RNDr. Andrea Vojs Staňová, PhD., prof. PharmDr. Josef Jampílek, PhD., Ing. Roman Szücs, PhD., Mgr. Jasna Hradská, PhD., RNDr. Jaroslav Blaško, PhD., RNDr. Renáta Górová, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-124/15	<b>Course title:</b> Special seminar from analytical chemistry (2)									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 2 per level/semester: 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 4.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 37										
A	B	C	D	E	FX					
97,3	0,0	0,0	2,7	0,0	0,0					
<b>Lecturers:</b> RNDr. Róbert Bodor, PhD., RNDr. Róbert Góra, PhD., doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Marian Masár, PhD., RNDr. Csilla Miščanová, PhD., RNDr. Simona Procházková, PhD., RNDr. Peter Troška, PhD., doc. RNDr. Andrea Vojs Staňová, PhD., prof. PharmDr. Josef Jampílek, PhD., Ing. Roman Szücs, PhD., Mgr. Jasna Hradská, PhD., RNDr. Jaroslav Blaško, PhD., RNDr. Renáta Górová, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KTV/N-mUXX-204/10	<b>Course title:</b> Summer physic-educational meeting									
<b>Educational activities:</b>										
<b>Type of activities:</b> other										
<b>Number of hours:</b>										
per week: per level/semester: 7d										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 1										
<b>Recommended semester:</b> 2.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 50										
A	B	C	D	E	FX					
100,0	0,0	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> Mgr. Kristína Vanýsková										
<b>Last change:</b>										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAgCh/N-mCAG-119/15	<b>Course title:</b> Thermal Analysis									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture / seminar										
<b>Number of hours:</b>										
per week: 2 / 2    per level/semester: 28 / 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 1.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 13										
A	B	C	D	E	FX					
92,31	7,69	0,0	0,0	0,0	0,0					
<b>Lecturers:</b>										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.ChÚ/N-mCUS-004/15	<b>Course title:</b> Transformation of pollutants in matrices and samples									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture / seminar										
<b>Number of hours:</b>										
per week: 2 / 2    per level/semester: 28 / 28										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 4										
<b>Recommended semester:</b> 1.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 38										
A	B	C	D	E	FX					
57,89	23,68	10,53	0,0	7,89	0,0					
<b>Lecturers:</b> Mgr. Henrieta Stankovičová, PhD., RNDr. Marek Cigáň, PhD., prof. RNDr. Anton Gálovský, DrSc.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.ChÚ/N-mCUS-015/15	<b>Course title:</b> Transport of pollutants in matrices and samples									
<b>Educational activities:</b>										
<b>Type of activities:</b> seminar										
<b>Number of hours:</b>										
per week: 3 per level/semester: 42										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 7										
A	B	C	D	E	FX					
28,57	71,43	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> RNDr. Pavol Tisovský, PhD., RNDr. Helena Jurdáková, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KAlCh/N-mCAL-120/15	<b>Course title:</b> Trends in analytical chemistry									
<b>Educational activities:</b>										
<b>Type of activities:</b> lecture / seminar										
<b>Number of hours:</b>										
per week: 2 / 1    per level/semester: 28 / 14										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 3										
<b>Recommended semester:</b> 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 51										
A	B	C	D	E	FX					
47,06	33,33	9,8	3,92	5,88	0,0					
<b>Lecturers:</b> RNDr. Róbert Bodor, PhD., doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Marian Masár, PhD., prof. RNDr. Milan Hutta, CSc., prof. PharmDr. Josef Jampílek, PhD., Ing. Roman Szűcs, PhD., RNDr. Róbert Góra, PhD., doc. RNDr. Andrea Vojs Staňová, PhD.										
<b>Last change:</b> 21.11.2017										
<b>Approved by:</b>										

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KEM/N-mEXX-108/15	<b>Course title:</b> Waste Management				
<b>Educational activities:</b>					
<b>Type of activities:</b> lecture / seminar					
<b>Number of hours:</b>					
per week: 2 / 1 per level/semester: 28 / 14					
<b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 4					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b>					
Total number of evaluated students: 76					
A	B	C	D	E	FX
18,42	32,89	21,05	18,42	9,21	0,0
<b>Lecturers:</b> prof. Ing. Eva Chmielewska, CSc.					
<b>Last change:</b> 21.11.2017					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Natural Sciences					
<b>Course ID:</b> PriF.KEM/D-N-mEXX-112/15	<b>Course title:</b> Water Management and Water Protection				
<b>Educational activities:</b>					
<b>Type of activities:</b> practicals / lecture					
<b>Number of hours:</b>					
per week: 1 / 1 per level/semester: 14 / 14					
<b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II.					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b>					
Total number of evaluated students: 27					
A	B	C	D	E	FX
18,52	33,33	22,22	11,11	14,81	0,0
<b>Lecturers:</b> prof. Ing. Eva Chmielewska, CSc.					
<b>Last change:</b> 21.11.2017					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava										
<b>Faculty:</b> Faculty of Natural Sciences										
<b>Course ID:</b> PriF.KTV/N-mUXX-203/10	<b>Course title:</b> Winter physic-educational meeting									
<b>Educational activities:</b>										
<b>Type of activities:</b> other										
<b>Number of hours:</b>										
per week: per level/semester: 7d										
<b>Form of the course:</b> on-site learning										
<b>Number of credits:</b> 1										
<b>Recommended semester:</b> 1., 3.										
<b>Educational level:</b> II.										
<b>Prerequisites:</b>										
<b>Course requirements:</b>										
<b>Learning outcomes:</b>										
<b>Class syllabus:</b>										
<b>Recommended literature:</b>										
<b>Languages necessary to complete the course:</b>										
<b>Notes:</b>										
<b>Past grade distribution</b>										
Total number of evaluated students: 161										
A	B	C	D	E	FX					
100,0	0,0	0,0	0,0	0,0	0,0					
<b>Lecturers:</b> Mgr. Martin Mokošák, PhD.										
<b>Last change:</b>										
<b>Approved by:</b>										