

## Course descriptions

### TABLE OF CONTENTS

1. PriF-DSSZ-123/12 A chapter in a scientific monograph issued by a Slovak publisher.....	3
2. PriF-DSSZ-122/12 A chapter in a scientific monograph issued by a foreign publisher.....	4
3. PriF-DSSZ-134/12 A citation in a Slovak publication,unregisterd in citation indices.....	5
4. PriF-DSSZ-133/12 A citation in a foreign publication, unregistered in citation indices.....	6
5. PriF-DSSZ-132/12 A citation in a publication registered in the Web of Science citation indices and in the SCOPUS database.....	7
6. PriF-DSSZ-126/12 A publication in a Slovak peer-reviewed,non current contents journal.....	8
7. PriF-DSSZ-125/12 A publication in a foreign peer-reviewed, non current contents journal.....	9
8. PriF-DSSZ-124/12 A publication in a peer-reviewed scientific journal.....	10
9. PriF-DSSZ-121/12 A scientific monograph or an equivalent scientific study issued by a Slovak publisher.....	11
10. PriF-DSSZ-120/12 A scientific monograph or an equivalent scientific study issued by a foreign publisher.....	12
11. PriF-DSSZ-127/12 A scientific paper in a peer-reviewed foreign collective volume or a monograph.....	13
12. PriF-DSSZ-135/13 A scientific paper in foreign journals registered in the Web of Science or SCOPUS databases.....	14
13. PriF-DSSZ-136/13 A scientific paper in Slovak journals registered in the Web of Science or SCOPUS databases.....	15
14. PriF-DSSZ-128/12 A scientific paper in a peer-reviewed Slovak collective volume or monograph.....	16
15. N-DCFC-001/09 Advanced Physical Chemistry 1.....	17
16. PriF-DCFC-303/12 Advanced Physical Chemistry 1 ( <b>state exam</b> ).....	18
17. N-DCFC-002/09 Advanced Physical Chemistry 2.....	19
18. PriF.DCFC-304/12 Advanced Physical Chemistry 2 ( <b>state exam</b> ).....	20
19. PriF-DSSZ-130/12 An abstract for a Slovak hosted conference.....	21
20. PriF-DSSZ-129/12 An abstract for a conference abroad.....	22
21. PriF-DSSZ-211/12 Authorship in a university textbook and study texts.....	23
22. PriF-DSSZ-212/12 Authorship in a chapter in a university textbook and study texts.....	24
23. N-DCFC-011/15 Chemical Reactivity.....	25
24. PriF-DSSZ-109/12 Comenius University grant for young scientific researchers or its equivalent.....	26
25. PriF-DSSZ-131/12 Copyright certificates, patents and findings.....	27
26. PriF-DSSZ-001/12 Dissertation 1.....	28
27. PriF-DSSZ-002/12 Dissertation 2.....	29
28. PriF-DSSZ-003/12 Dissertation 3.....	30
29. PriF-DSSZ-004/12 Dissertation 4.....	31
30. PriF-DSSZ-005/12 Dissertation 5.....	32
31. PriF-DSSZ-006/12 Dissertation 6.....	33
32. PriF-DSSZ-007/12 Dissertation 7.....	34
33. PriF-DSSZ-024/12 Dissertation 8.....	35
34. PriF-DSSZ-025/12 Dissertation 9.....	36
35. PriF-DCFC-306/12 Formal interview on dissertation thesis ( <b>state exam</b> ).....	37
36. PriF-DSSZ-110/12 Grant from the Faculty of Natural Sciences for doctoral students, Grant from the SAS or any equivalent of these two.....	38
37. N-DCFC-007/15 Group Theory in Chemistry.....	39
38. PriF-DSSZ-213/12 Internship abroad.....	40

39. N-DCFC-008/15	Modeling of Biosystems.....	41
40. N-DCFC-010/15	Nano- and Femto-chemistry.....	42
41. PriF-DSSZ-302/12	Oral defence of dissertation thesis ( <b>state exam</b> ).....	43
42. PriF-DSSZ-029/15	Oral defence of dissertation thesis (Dissertation 10).....	44
43. PriF-DSSZ-119/12	Other activities.....	45
44. N-DSSZ-018/13	Professional Oral Communication.....	46
45. N-DSSZ-019/13	Professional Oral Communication.....	47
46. PriF-DSSZ-206/12	Review of Bachelor's work ( qualifying thesis for the Bachelor's degree).....	48
47. N-DSSZ-016/12	Scientific English.....	49
48. N-DCFC-009/15	Selected Topics in Colloid Chemistry.....	50
49. N-DCFC-006/15	Selected Topics in Spectroscopic Methods.....	51
50. N-DSSZ-022/20	Slovak for Foreign Doctoral Students 1.....	52
51. N-DSSZ-023/20	Slovak for Foreign Doctoral Students 2.....	54
52. N-DSSZ-024/20	Slovak for Foreign Doctoral Students 3.....	56
53. PriF-DSSZ-205/12	Supervision of Bachelor's work ( qualifying thesis for the Bachelor's degree).....	58
54. PriF-DSSZ-207/12	Supervision of student's participation in the Students' Scientific Conference.....	59
55. PriF-DSSZ-214/13	The doctoral student's pedagogical activities.....	60
56. N-DSSZ-017/13	Writing Professional English.....	61
57. PriF-DSSZ-018/13	Writing Professional English.....	62

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-123/12	<b>Course title:</b> A chapter in a scientific monograph issued by a Slovak publisher
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 10	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-122/12	<b>Course title:</b> A chapter in a scientific monograph issued by a foreign publisher
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week: per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 14	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-134/12	<b>Course title:</b> A citation in a Slovak publication,unregisterd in citation indices
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week: per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-133/12	<b>Course title:</b> A citation in a foreign publication, unregistered in citation indices
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-132/12	<b>Course title:</b> A citation in a publication registered in the Web of Science citation indices and in the SCOPUS databale
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-126/12	<b>Course title:</b> A publication in a Slovak peer-reviewed,non current contents journal
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 10	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-125/12	<b>Course title:</b> A publication in a foreign peer-reviewed, non current contents journal
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week: per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 14	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-124/12	<b>Course title:</b> A publication in a peer-reviewed scientific journal
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 28	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-121/12	<b>Course title:</b> A scientific monograph or an equivalent scientific study issued by a Slovak publisher
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 20	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-120/12	<b>Course title:</b> A scientific monograph or an equivalent scientific study issued by a foreign publisher
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 30	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-127/12	<b>Course title:</b> A scientific paper in a peer-reviewed foreign collective volume or a monograph
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 8	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-135/13	<b>Course title:</b> A scientific paper in foreign journals registered in the Web of Science or SCOPUS databases
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 19	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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: 1	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-136/13	<b>Course title:</b> A scientific paper in Slovak journals registered in the Web of Science or SCOPUS databases
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 15	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-128/12	<b>Course title:</b> A scientific paper in a peer-reviewed Slovak collective volume or monograph
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week: per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 6	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/N-DCFC-001/09	<b>Course title:</b> Advanced Physical Chemistry 1
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week:    per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> III.	
<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: 1	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> prof. RNDr. Juraj Bujdák, DrSc., prof. RNDr. Vladimír Kellö, DrSc., doc. RNDr. Ivan Valent, CSc., prof. Ing. Dušan Velič, DrSc., prof. RNDr. Ivan Černušák, DrSc., doc. Ing. Marián Janek, PhD., prof. RNDr. Miroslav Urban, DrSc.	
<b>Last change:</b>	
<b>Approved by:</b>	

## STATE EXAM DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF- DCFC-303/12	<b>Course title:</b> Advanced Physical Chemistry 1
<b>Number of credits:</b> 3	
<b>Educational level:</b> III.	
<b>State exam syllabus:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/N-DCFC-002/09	<b>Course title:</b> Advanced Physical Chemistry 2
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week:    per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> III.	
<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: 1	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> prof. RNDr. Juraj Bujdák, DrSc., prof. RNDr. Vladimír Kellö, DrSc., doc. RNDr. Ivan Valent, CSc., prof. Ing. Dušan Velič, DrSc., prof. RNDr. Ivan Černušák, DrSc., doc. Ing. Marián Janek, PhD., prof. RNDr. Miroslav Urban, DrSc.	
<b>Last change:</b>	
<b>Approved by:</b>	

## STATE EXAM DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/ PriF.DCFC-304/12	<b>Course title:</b> Advanced Physical Chemistry 2
<b>Number of credits:</b> 3	
<b>Educational level:</b> III.	
<b>State exam syllabus:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-130/12	<b>Course title:</b> An abstract for a Slovak hosted conference
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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: 5	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-129/12	<b>Course title:</b> An abstract for a conference abroad
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-211/12	<b>Course title:</b> Authorship in a university textbook and study texts
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 20	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-212/12	<b>Course title:</b> Authorship in a chapter in a university textbook and study texts
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week: per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 7	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/N-DCFC-011/15	<b>Course title:</b> Chemical Reactivity
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week:   per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 1., 2., 3., 4..	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b> prof. RNDr. Ivan Černušák, DrSc., RNDr. Lukáš Félix Pašteka, PhD., doc. Mgr. Michal Pitoňák, PhD.	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-109/12	<b>Course title:</b> Comenius University grant for young scientific researchers or its equivalent
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 12	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-131/12	<b>Course title:</b> Copyright certificates, patents and findings
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 10	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-001/12	<b>Course title:</b> Dissertation 1
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 1.	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-002/12	<b>Course title:</b> Dissertation 2
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 2.	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-003/12	<b>Course title:</b> Dissertation 3
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week: per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 3.	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-004/12	<b>Course title:</b> Dissertation 4
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 4.	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-005/12	<b>Course title:</b> Dissertation 5
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 5.	
<b>Educational level:</b> III.	
<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: 10	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-006/12	<b>Course title:</b> Dissertation 6
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 6.	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-007/12	<b>Course title:</b> Dissertation 7
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 7.	
<b>Educational level:</b> III.	
<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: 5	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-024/12	<b>Course title:</b> Dissertation 8
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 8.	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-025/12	<b>Course title:</b> Dissertation 9
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 9.	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## STATE EXAM DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF- DCFC-306/12	<b>Course title:</b> Formal interview on dissertation thesis
<b>Number of credits:</b> 9	
<b>Educational level:</b> III.	
<b>State exam syllabus:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-110/12	<b>Course title:</b> Grant from the Faculty of Natural Sciences for doctoral students, Grant from the SAS or any equivalent of these two
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 8	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/N-DCFC-007/15	<b>Course title:</b> Group Theory in Chemistry
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week: per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 1., 2., 3., 4..	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b> prof. RNDr. Vladimír Kellö, DrSc., doc. Mgr. Pavel Neogrády, DrSc., RNDr. Lukáš Félix Pašteka, PhD.	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-213/12	<b>Course title:</b> Internship abroad
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 7	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/N-DCFC-008/15	<b>Course title:</b> Modeling of Biosystems
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week:   per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 1., 2., 3., 4..	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b> doc. RNDr. Ivan Valent, CSc.	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/N-DCFC-010/15	<b>Course title:</b> Nano- and Femto-chemistry
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week:   per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 1., 2., 3., 4..	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b> prof. Ing. Dušan Velič, DrSc.	
<b>Last change:</b>	
<b>Approved by:</b>	

## STATE EXAM DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-302/12	<b>Course title:</b> Oral defence of dissertation thesis
<b>Number of credits:</b> 25	
<b>Educational level:</b> III.	
<b>State exam syllabus:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-029/15	<b>Course title:</b> Oral defence of dissertation thesis (Dissertation 10)
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week: per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 9., 10..	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b> prof. RNDr. Juraj Bujdák, DrSc.	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-119/12	<b>Course title:</b> Other activities
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week: per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 1	
<b>Recommended semester:</b> 1., 2., 3., 4..	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KJ/N-DSSZ-018/13	<b>Course title:</b> Professional Oral Communication
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week: per level/semester:</b> <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> III.	
<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: 94	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slováková, PhD., PhDr. Štefánia Dugovičová, PhD., Mgr. Aneta Barnes	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KJ/N-DSSZ-019/13	<b>Course title:</b> Professional Oral Communication
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week:   per level/semester:</b> <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> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slováková, PhD., PhDr. Štefánia Dugovičová, PhD., Mgr. Aneta Barnes	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-206/12	<b>Course title:</b> Review of Bachelor's work ( qualifying thesis for the Bachelor's degree)
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	



## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KJ/N-DSSZ-016/12	<b>Course title:</b> Scientific English
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week:    per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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: 221	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> PhDr. Štefánia Dugovičová, PhD., Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slováková, PhD.	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/N-DCFC-009/15	<b>Course title:</b> Selected Topics in Colloid Chemistry
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week:    per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 1., 2., 3., 4..	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> doc. Ing. Marián Janek, PhD.	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/N-DCFC-006/15	<b>Course title:</b> Selected Topics in Spectroscopic Methods
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week:   per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b> 1., 2., 3., 4..	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b> prof. RNDr. Juraj Bujdák, DrSc.	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KJ/N-DSSZ-022/20	<b>Course title:</b> Slovak for Foreign Doctoral Students 1
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week: per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Type, extent and method of academic activities: 2 hours (at 60 min. per hour) of weekly lessons in the form of seminars. All academic activities will take place during the lessons. Number of credits: 3 credits Recommended semester/trimester of study: from 1st to 8th semester Level of study: third Subject conditions: - Requirements for course completion: active participation during lessons, ongoing work on the assignments. There will be a final examination at the end of the semester. Scale of assessment (preliminary/final): Credits will not be awarded to students who receive less than 60% on the final examination.	
<b>Learning outcomes:</b> The objective of the course is to acquire the basics of Slovak in a communicative way, to develop individual language skills (listening, reading, writing and speaking) based on the Common European Framework of Reference for Languages (CEFR) for the level A1 - complete beginner.	
<b>Class syllabus:</b> The lessons contain the basics of Slovak grammar which are relevant to the specifics of Slovak as a foreign language. Selected grammatical phenomena, conjugation and declination are practised. Vocabulary is focused on real-life communication needs.	
<b>Recommended literature:</b> Kamenárová, R. a kol.: Krížom-krážom, Slovenčina A1 Kamenárová, R. a kol.: Krížom-krážom, Slovenčina A1+A2, workbook Audio program: <a href="https://uniba.sk/krizom-krazom">https://uniba.sk/krizom-krazom</a> Worksheets are prepared by the course instructor. Portal: <a href="https://slovake.eu/sk">https://slovake.eu/sk</a>	
<b>Languages necessary to complete the course:</b> Slovak in combination with English (the study literature is in both Slovak and English)	

**Notes:**

It is possible to register for the course just once. Students may begin in either the Summer or Winter semester.

**Past grade distribution**

Total number of evaluated students: 19

ABS	NEABS
100,0	0,0

**Lecturers:** Mgr. Karin Rózsová Wolfová, Mgr. Aneta Barnes

**Last change:** 19.04.2020

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KJ/N-DSSZ-023/20	<b>Course title:</b> Slovak for Foreign Doctoral Students 2
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week: per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Type, extent and method of academic activities: 2 hours (at 60 min. per hour) of weekly lessons in the form of seminars. All academic activities will take place during the lessons. Number of credits: 3 credits Recommended semester/trimester of study: from 1st to 8th semester Level of study: third Subject conditions: Slovak for Foreign Doctoral Students 1 Requirements for course completion: active participation during lessons, ongoing work on the assignments. There will be a final examination at the end of the semester. Scale of assessment (preliminary/final): Credits will not be awarded to students who receive less than 60% on the final examination.	
<b>Learning outcomes:</b> Course Objectives: The objective of the course is to acquire the basics of Slovak in a communicative way, to develop individual language skills (listening, reading, writing and speaking) based on the Common European Framework of Reference for Languages (CEFR) for the level A1 - intended for beginner or pre-intermediate.	
<b>Class syllabus:</b> The lessons contain the basics of Slovak grammar which are relevant to the specifics of Slovak as a foreign language. Selected grammatical phenomena, conjugation and declination are practised. Vocabulary is focused on real-life communication needs.	
<b>Recommended literature:</b> Kamenárová, R. a kol.: Krížom-krážom, Slovenčina A1 Kamenárová, R. a kol.: Krížom-krážom, Slovenčina A1+A2, workbook Audio program: <a href="https://uniba.sk/krizom-krazom">https://uniba.sk/krizom-krazom</a> Worksheets are prepared by the course instructor. Portal: <a href="https://slovae.eu/sk">https://slovae.eu/sk</a>	
<b>Languages necessary to complete the course:</b> Slovak in combination with English (the study literature is in both Slovak and English)	

**Notes:**

It is possible to register for the course just once. Students may begin in either the Summer or Winter semester.

**Past grade distribution**

Total number of evaluated students: 20

ABS	NEABS
100,0	0,0

**Lecturers:** Mgr. Karin Rózsová Wolfová, Mgr. Aneta Barnes

**Last change:** 19.04.2020

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KJ/N-DSSZ-024/20	<b>Course title:</b> Slovak for Foreign Doctoral Students 3
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week: per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 3	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<b>Prerequisites:</b>	
<b>Course requirements:</b> Type, extent and method of academic activities: 2 hours (at 60 min. per hour) of weekly lessons in the form of seminars. All academic activities will take place during the lessons. Number of credits: 3 credits Recommended semester/trimester of study: from 1st to 8th semester Level of study: third Subject conditions: Slovak for Foreign Doctoral Students 2 Requirements for course completion: active participation during lessons, ongoing work on the assignments. There will be a final examination at the end of the semester. Scale of assessment (preliminary/final): Credits will not be awarded to students who receive less than 60% on the final examination.	
<b>Learning outcomes:</b> The objective of the course is to acquire the basics of Slovak in a communicative way, to develop individual language skills (listening, reading, writing and speaking) based on the Common European Framework of Reference for Languages (CEFR) for the levels A1 – A2. Intended for levels A1-A2, beginner to pre-intermediate	
<b>Class syllabus:</b> The lessons contain the basics of Slovak grammar which are relevant to the specifics of Slovak as a foreign language. Selected grammatical phenomena, conjugation and declination are practised. Vocabulary is focused on real-life communication needs.	
<b>Recommended literature:</b> Kamenárová, R. a kol.: Krížom-krážom, Slovenčina A1, A2 Kamenárová, R. a kol.: Krížom-krážom, Slovenčina A1+A2, workbook Audio program: <a href="https://uniba.sk/krizom-krazom">https://uniba.sk/krizom-krazom</a> Worksheets are prepared by the course instructor. Portal: <a href="https://slovake.eu/sk">https://slovake.eu/sk</a>	
<b>Languages necessary to complete the course:</b> Slovak in combination with English (the study literature is in both Slovak and English)	



**Notes:**

It is possible to register for the course just once. Students may begin in either the Summer or Winter semester.

**Past grade distribution**

Total number of evaluated students: 17

ABS	NEABS
100,0	0,0

**Lecturers:** Mgr. Karin Rózsová Wolfová, Mgr. Aneta Barnes

**Last change:** 19.04.2020

**Approved by:**

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-205/12	<b>Course title:</b> Supervision of Bachelor's work ( qualifying thesis for the Bachelor's degree)
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 6	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-207/12	<b>Course title:</b> Supervision of student's participation in the Students' Scientific Conference
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> per week:   per level/semester: <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 4	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
0,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KFTCh/PriF-DSSZ-214/13	<b>Course title:</b> The doctoral student's pedagogical activities
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week: per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 2	
<b>Recommended semester:</b>	
<b>Educational level:</b> III.	
<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	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KJ/N-DSSZ-017/13	<b>Course title:</b> Writing Professional English
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week: per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 1., 3.	
<b>Educational level:</b> III.	
<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: 112	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slováková, PhD., PhDr. Štefánia Dugovičová, PhD., Mgr. Aneta Barnes	
<b>Last change:</b>	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>Academic year:</b> 2021/2022	
<b>University:</b> Comenius University Bratislava	
<b>Faculty:</b> Faculty of Natural Sciences	
<b>Course ID:</b> PriF.KJ/PriF-DSSZ-018/13	<b>Course title:</b> Writing Professional English
<b>Educational activities:</b> <b>Type of activities:</b> <b>Number of hours:</b> <b>per week:   per level/semester:</b> <b>Form of the course:</b> on-site learning	
<b>Number of credits:</b> 5	
<b>Recommended semester:</b> 2., 4.	
<b>Educational level:</b> III.	
<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: 65	
ABS	NEABS
100,0	0,0
<b>Lecturers:</b> Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slováková, PhD., PhDr. Štefánia Dugovičová, PhD., Mgr. Aneta Barnes	
<b>Last change:</b>	
<b>Approved by:</b>	