# **Course descriptions**TABLE OF CONTENTS

1. 3-FCH-803/10 BSc T	Thesis Supervision	2
	se of English for PhD Studies (1)	
3. 3-MXX-102/15 Cours	se of English for PhD Studies (1)	4
4. 3-FCH-806/10 Creati	on of Teaching Texts and Aids	5
5. 3-FCH-203/10 Depar	tment Seminar	6
6. 3-FCH-204/10 Depar	tment Seminar	7
7. 3-FCH-809/10 Diplor	ma Thesis Guidance	8
8. 3-FCH-950/15 Disser	rtation Examination (state exam)	9
9. 3-FCH-990/15 Disser	tation Thesis Defense (state exam)	10
10. 3-FCH-301/10 Forei	ign Periodical Cited in Current Contents	11
11. 3-FCH-303/10 Forei	gn Periodical not Cited in Current Contents	12
12. 3-FCH-804/10 Guid	ance of the Students' Research Project	13
	e Journal Cited in Current Contents	
14. 3-FCH-304/10 Hom	e Journal not Cited in Current Contents	15
15. 3-FCH-703/10 Hom	e Project Co-researcher	16
16. 3-FCH-101/10 Indiv	ridual Study of Science and Research Resources	17
17. 3-FCH-102/10 Indiv	ridual Study of Science and Research Resources	18
	ridual Study of Science and Research Resources	
	ridual Study of Science and Research Resources	
	national Project Co-researcher	
21. 3-FCH-017/15 Many	y-body Quantum Physics	22
22. 3-FCH-011/15 Meth	ods of Quantum Molecular Physics	23
	ecular Dynamics of Biological Systems	
	reviewed Foreign Papers Volume	
25. 3-FCH-308/10 Non-	reviewed Home Papers Volume	26
26. 3-FCH-014/15 Nonl	linear Dynamics and Chaos	27
27. 3-FCH-701/10 Obta	ining a University Grant	28
28. 3-FCH-805/10 Partic	cipation in a Conference Organising Committee	29
29. 3-FCH-404/10 Prese	entation at a Department Seminar	30
30. 3-FCH-403/10 Prese	entation at a Home Conference	31
31. 3-FCH-402/10 Prese	entation at a Home Conference with International Participation	32
32. 3-FCH-401/10 Prese	entation at an International Conference	33
33. 3-FCH-016/15 Quar	ntum Molecular Dynamics	34
34. 3-FCH-051/15 Quan	tum Theory of Atoms, Molecules and Condensed Matter (1)	35
35. 3-FCH-052/15 Quan	tum Theory of Atoms, Molecules and Condensed Matter (2)	36
	ation Registered in SCI or SCOPUS	
37. 3-FCH-707/10 Quot	ation in a Home Scientific Journal	38
38. 3-FCH-705/10 Quot	tation in a Monograph	39
39. 3-FCH-706/10 Quot	ation in a Scientific Journal Abroad	40
40. 3-FCH-053/15 Relat	tivistic Effects in Chemistry	41
41. 3-FCH-305/10 Review	ewed Foreign Papers Volume	42
	ewed Home Papers Volume	
43. 3-FCH-013/15 Selec	cted Problems of Chemical Physics	44
	y Stay Abroad	
	rvising and Demonstrating Work	
46. 3-FCH-802/10 Supe	rvising and Demonstrating Work	47
47. 3-FCH-808/10 Writi	ing Diploma Thesis Assessment Protocol	48

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KJFB/3-FCH-803/10 **BSc Thesis Supervision Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 10 **Recommended semester: Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0  $\mathbf{C}$ Α В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KJP/3-MXX-101/15 Course of English for PhD Studies (1) **Educational activities:** Type of activities: practicals **Number of hours:** per week: 2 per level/semester: 28 Form of the course: on-site learning, distance learning **Number of credits: 5 Recommended semester:** 1. **Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 27

A	В	С	D	Е	FX
100,0	0,0	0,0	0,0	0,0	0,0

Lecturers: PhDr. Alena Zemanová

Last change: 02.06.2015

Approved by: prof. RNDr. Ján Urban, DrSc.

**University:** Comenius University in Bratislava

Faculty: Faculty of Mathematics, Physics and Informatics

Course ID:

**Course title:** 

FMFI.KJP/3-MXX-102/15

Course of English for PhD Studies (1)

**Educational activities:** 

Type of activities: practicals

**Number of hours:** 

per week: 2 per level/semester: 28

Form of the course: on-site learning, distance learning

Number of credits: 5

**Recommended semester: 2.** 

**Educational level: III.** 

**Prerequisites:** FMFI.KJP/3-MXX-101/15 - Course of English for PhD Studies (1)

**Course requirements:** 

**Learning outcomes:** 

Class syllabus:

**Recommended literature:** 

Languages necessary to complete the course:

**Notes:** 

Past grade distribution

Total number of evaluated students: 38

A	В	С	D	Е	FX
100,0	0,0	0,0	0,0	0,0	0,0

Lecturers: PhDr. Alena Zemanová

Last change: 02.06.2015

Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KJFB/3-FCH-806/10 Creation of Teaching Texts and Aids **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning **Number of credits:** 6 **Recommended semester: Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0  $\mathbf{C}$ Α В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** Department Seminar FMFI.KJFB/3-FCH-203/10 **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning **Number of credits: 5 Recommended semester:** 1. **Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 3 Α  $\mathbf{C}$ В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** Department Seminar FMFI.KJFB/3-FCH-204/10 **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning **Number of credits: 5 Recommended semester: 2. Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 4 Α  $\mathbf{C}$ В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KJFB/3-FCH-809/10 Diploma Thesis Guidance **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 4 **Recommended semester: Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0  $\mathbf{C}$ Α В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

### STATE EXAM DESCRIPTION

University: Comenius University in Bratislava

Faculty: Faculty of Mathematics, Physics and Informatics

Course ID:
FMFI.KJFB/3-FCH-950/15
Dissertation Examination

Number of credits: 20

Recommended semester: 3., 4..

Educational level: III.

State exam syllabus:
Last change:

Approved by: prof. RNDr. Ján Urban, DrSc.

### STATE EXAM DESCRIPTION

University: Comenius University in Bratislava

Faculty: Faculty of Mathematics, Physics and Informatics

Course ID:
FMFI.KJFB/3-FCH-990/15

Course title:
Dissertation Thesis Defense

Number of credits: 30

Recommended semester: 7., 8..

Educational level: III.

State exam syllabus:

Last change:

Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** Foreign Periodical Cited in Current Contents FMFI.KJFB/3-FCH-301/10 **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning **Number of credits: 35 Recommended semester: Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 3 Α  $\mathbf{C}$ В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** Foreign Periodical not Cited in Current Contents FMFI.KJFB/3-FCH-303/10 **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning **Number of credits: 25 Recommended semester: Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 1 Α C В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

<b>University:</b> Con	University: Comenius University in Bratislava							
Faculty: Faculty	y of Mathematic	s, Physics and In	formatics	_				
Course ID: FMFI.KJFB/3-F	Course ID:  FMFI.KJFB/3-FCH-804/10  Course title: Guidance of the Students' Research Project							
	ties:							
Number of cree	dits: 7							
Recommended	semester:							
<b>Educational lev</b>	el: III.							
Prerequisites:								
Course require	ments:							
Learning outco	mes:							
Class syllabus:								
Recommended	literature:			_				
Languages nec	essary to compl	ete the course:						
Notes:	,							
Past grade dist Total number o	ribution f evaluated stude	ents: 0						
A	В	С	D	Е	FX			
0,0	0,0	0,0	0,0	0,0	0,0			
Lecturers:	Lecturers:							
Last change:	Last change:							
Approved by: p	orof. RNDr. Ján	Urban, DrSc.		_				

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-302/10 Home Journal Cited in Current Contents **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 30 **Recommended semester: Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0  $\mathbf{C}$ Α В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-304/10 Home Journal not Cited in Current Contents **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 20 **Recommended semester: Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0  $\mathbf{C}$ Α В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-703/10 Home Project Co-researcher **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning **Number of credits: 5 Recommended semester: Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 1 Α C В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-101/10 Individual Study of Science and Research Resources **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 10 **Recommended semester:** 1. **Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 2 Α C В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-102/10 Individual Study of Science and Research Resources **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 10 **Recommended semester: 2. Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 2 Α  $\mathbf{C}$ В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-103/10 Individual Study of Science and Research Resources **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 10 **Recommended semester: 3. Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 3 Α C В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-104/10 Individual Study of Science and Research Resources **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 10 **Recommended semester:** 4. **Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 3 Α  $\mathbf{C}$ В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-702/10 International Project Co-researcher **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning **Number of credits: 5 Recommended semester: Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 3 Α  $\mathbf{C}$ В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-017/15 Many-body Quantum Physics **Educational activities:** Type of activities: seminar **Number of hours:** per week: 2 per level/semester: 28 Form of the course: on-site learning **Number of credits: 5 Recommended semester: 2. Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0 C Α В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-011/15 Methods of Quantum Molecular Physics **Educational activities:** Type of activities: seminar **Number of hours:** per week: 2 per level/semester: 28 Form of the course: on-site learning **Number of credits: 5 Recommended semester:** 1. **Educational level: III. Prerequisites: Course requirements:** Learning outcomes: Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0 C Α В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-010/15 Molecular Dynamics of Biological Systems **Educational activities:** Type of activities: seminar **Number of hours:** per week: 2 per level/semester: 28 Form of the course: on-site learning Number of credits: 3 **Recommended semester: 2. Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0 C A В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KJFB/3-FCH-307/10 Non-reviewed Foreign Papers Volume **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning **Number of credits: 5 Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0 C Α В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-308/10 Non-reviewed Home Papers Volume **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning **Number of credits: 5 Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0  $\mathbf{C}$ Α В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-014/15 Nonlinear Dynamics and Chaos **Educational activities:** Type of activities: seminar **Number of hours:** per week: 2 per level/semester: 28 Form of the course: on-site learning Number of credits: 3 **Recommended semester:** 1. **Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0 C Α В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava										
Faculty: Facult	Faculty: Faculty of Mathematics, Physics and Informatics									
Course ID: FMFI.KJFB/3-F		<b>Course title:</b> Obtaining a Univ	ersity Grant							
Type of activit Number of ho per week: p	Educational activities: Type of activities: Number of hours: per week: per level/semester: Form of the course: on-site learning									
Number of cree	dits: 10									
Recommended	semester:									
Educational lev	vel: III.									
Prerequisites:										
Course require	ments:									
Learning outco	omes:									
Class syllabus:										
Recommended	literature:			·						
Languages nec	essary to comple	ete the course:								
Notes:										
Past grade dist Total number o	<b>ribution</b> f evaluated stude	nts: 3								
A	В	С	D	Е	FX					
100,0	100,0 0,0 0,0 0,0 0,0									
Lecturers:										
Last change:										
Approved by: p	Approved by: prof. RNDr. Ján Urban, DrSc.									

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-805/10 Participation in a Conference Organising Committee **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 3 **Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 2 Α C В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

<b>University:</b> Con	University: Comenius University in Bratislava						
Faculty: Facult	y of Mathematic	es, Physics and In	formatics				
Course ID: FMFI.KJFB/3-F	FCH-404/10	Course title: Presentation at a	Department Sen	ninar			
	ties:						
Number of cree	dits: 5						
Recommended	semester:						
<b>Educational lev</b>	v <b>el:</b> III.						
<b>Prerequisites:</b>							
Course require	ments:						
Learning outco	mes:						
Class syllabus:							
Recommended	literature:						
Languages nec	essary to comp	lete the course:					
Notes:							
Past grade dist Total number o	ribution f evaluated stud	ents: 0					
A	В	С	D	Е	FX		
0,0	0,0	0,0	0,0	0,0	0,0		
Lecturers:	Lecturers:						
Last change:	Last change:						
Approved by: p	orof. RNDr. Ján	Urban, DrSc.		_			

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-403/10 Presentation at a Home Conference **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 10 **Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 2 Α  $\mathbf{C}$ В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Cor	University: Comenius University in Bratislava						
Faculty: Faculty	y of Mathematic	s, Physics and Inf	formatics	_			
Course ID: FMFI.KJFB/3-FCH-402/10 Presentation at a Home Conference with International Participation							
Type of activit Number of ho per week: p	Educational activities: Type of activities: Number of hours: per week: per level/semester: Form of the course: on-site learning						
Number of cred	lits: 15						
Recommended	semester:						
<b>Educational lev</b>	vel: III.						
Prerequisites:				<u>-</u>			
Course require	ments:						
Learning outco	mes:						
Class syllabus:	,						
Recommended	Recommended literature:						
Languages nece	essary to compl	ete the course:					
Notes:							
	Past grade distribution Total number of evaluated students: 1						
A	В	С	D	Е	FX		
100,0	0,0	0,0	0,0	0,0	0,0		
Lecturers:							
Last change:							
Approved by: prof RNDr Ján Urban DrSc							

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-401/10 Presentation at an International Conference **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 20 **Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 6 Α  $\mathbf{C}$ В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KJFB/3-FCH-016/15 Quantum Molecular Dynamics **Educational activities:** Type of activities: seminar **Number of hours:** per week: 2 per level/semester: 28 Form of the course: on-site learning Number of credits: 3 **Recommended semester: 2. Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0  $\mathbf{C}$ Α В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KJFB/3-FCH-051/15 Quantum Theory of Atoms, Molecules and Condensed Matter (1) **Educational activities:** Type of activities: seminar **Number of hours:** per week: 2 per level/semester: 28 Form of the course: on-site learning Number of credits: 5 **Recommended semester:** 1. **Educational level: III. Prerequisites:** Antirequisites: PriF.KFTCh/N-DCFC-001/09 **Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0

A	В	С	D	Е	FX
0,0	0,0	0,0	0,0	0,0	0,0

**Lecturers:** 

Last change:

Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KJFB/3-FCH-052/15 Quantum Theory of Atoms, Molecules and Condensed Matter (2) **Educational activities:** Type of activities: seminar **Number of hours:** per week: 2 per level/semester: 28 Form of the course: on-site learning Number of credits: 5 **Recommended semester: 2. Educational level: III. Prerequisites:** Antirequisites: PriF.KFTCh/N-DCCF-002/09 **Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course:

**Notes:** 

Past grade distribution

Total number of evaluated students: 0

A	В	С	D	Е	FX
0,0	0,0	0,0	0,0	0,0	0,0

**Lecturers:** 

Last change:

Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-704/10 Quotation Registered in SCI or SCOPUS **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 4 **Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0 C Α В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

Strana: 37

<b>University:</b> Con	menius Universit	y in Bratislava						
Faculty: Faculty	y of Mathematics	s, Physics and In	formatics					
Course ID: FMFI.KJFB/3-F		Course title: Quotation in a Home Scientific Journal						
	ties:							
Number of credits: 2								
Recommended semester:								
Educational level: III.								
Prerequisites:								
Course require	ments:							
Learning outco	omes:							
Class syllabus:								
Recommended	literature:			_				
Languages nec	essary to comple	ete the course:						
Notes:								
Past grade dist Total number o	ribution f evaluated stude	nts: 0						
A	В	С	D	Е	FX			
0,0	0,0	0,0	0,0	0,0	0,0			
Lecturers:								
Last change:								
Approved by: p	orof. RNDr. Ján U	Jrban, DrSc.		-				

Strana: 38

<b>University:</b> Con	menius Universit	y in Bratislava						
Faculty: Facult	y of Mathematics	s, Physics and In	formatics					
Course ID: FMFI.KJFB/3-F		Course title: Quotation in a Monograph						
	ties:							
Number of credits: 4								
Recommended semester:								
Educational level: III.								
<b>Prerequisites:</b>								
Course require	ements:							
Learning outco	omes:							
Class syllabus:								
Recommended	literature:							
Languages nec	essary to comple	ete the course:						
Notes:								
Past grade dist Total number o	ribution f evaluated stude	nts: 0						
A	В	С	D	Е	FX			
0,0	0,0	0,0	0,0	0,0	0,0			
Lecturers:								
Last change:								
Approved by: 1	prof. RNDr. Ján U	Urban, DrSc.		_				

Strana: 39

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KJFB/3-FCH-706/10 Quotation in a Scientific Journal Abroad **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 3 **Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 2 Α  $\mathbf{C}$ В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-053/15 Relativistic Effects in Chemistry **Educational activities:** Type of activities: seminar **Number of hours:** per week: 2 per level/semester: 28 Form of the course: on-site learning Number of credits: 3 **Recommended semester: 2. Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0  $\mathbf{C}$ Α В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-305/10 Reviewed Foreign Papers Volume **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning **Number of credits: 25 Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 1 Α C В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-306/10 Reviewed Home Papers Volume **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 20 **Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 2 Α C В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-013/15 Selected Problems of Chemical Physics **Educational activities:** Type of activities: seminar **Number of hours:** per week: 2 per level/semester: 28 Form of the course: on-site learning Number of credits: 3 **Recommended semester:** 1. **Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0 C Α В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-807/10 Study Stay Abroad **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 3 **Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 3 Α C В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-801/10 Supervising and Demonstrating Work **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning **Number of credits: 5 Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 5 Α C В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-802/10 Supervising and Demonstrating Work **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning **Number of credits: 5 Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 2 Α C В D E FX 100,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.

University: Comenius University in Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course title: Course ID:** FMFI.KJFB/3-FCH-808/10 Writing Diploma Thesis Assessment Protocol **Educational activities: Type of activities: Number of hours:** per week: per level/semester: Form of the course: on-site learning Number of credits: 4 **Recommended semester: Educational level: III. Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 0  $\mathbf{C}$ Α В D E FX 0,0 0,0 0,0 0,0 0,0 0,0 **Lecturers:** Last change: Approved by: prof. RNDr. Ján Urban, DrSc.