

## Course descriptions

### TABLE OF CONTENTS

1. 2-UFY-256/15	Assessment of the Science Education Results.....	2
2. 2-UXX-105/15	Computer-aided Science Laboratory.....	3
3. 2-pUFY-961/19	Didactics of Physics ( <b>state exam</b> ).....	4
4. 2-UFY-104/15	Didactics of Physics (1).....	5
5. 2-UFY-106/15	Didactics of Physics (2).....	6
6. 2-pUFY-901/19	Diploma Thesis Project.....	7
7. 2-UFY-115/15	Methods for Solving Physical Tasks.....	8
8. 2-UFY-111/15	Practical in Class Experiments in Physics (1).....	9
9. 1-UFY-320/15	School Experiments in Physics.....	10
10. 2-pUFYx-211/19	Teaching Practice.....	11
11. 2-pUFY-911/19	Thesis Defence ( <b>state exam</b> ).....	12

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics					
<b>Course ID:</b> FMFL.KDMFI/2-UFY-256/15		<b>Course title:</b> Assessment of the Science Education Results			
<b>Educational activities:</b> <b>Type of activities:</b> course <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 4.					
<b>Educational level:</b> II., N					
<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: 16					
A	B	C	D	E	FX
87,5	6,25	0,0	0,0	0,0	6,25
<b>Lecturers:</b> PaedDr. Lukáš Bartošovič, PhD.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics					
<b>Course ID:</b> FMFI.KDMFI/2-UXX-105/15		<b>Course title:</b> Computer-aided Science Laboratory			
<b>Educational activities:</b> <b>Type of activities:</b> course <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II., N					
<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: 56					
A	B	C	D	E	FX
94,64	1,79	3,57	0,0	0,0	0,0
<b>Lecturers:</b> doc. RNDr. Peter Demkanin, PhD.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					

## STATE EXAM DESCRIPTION

<b>University:</b> Comenius University in Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFL.KDMFI/2- pUFY-961/19	<b>Course title:</b> Didactics of Physics
<b>Number of credits:</b> 0	
<b>Educational level:</b> N	
<b>State exam syllabus:</b>	
<b>Last change:</b> 29.11.2019	
<b>Approved by:</b>	

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics					
<b>Course ID:</b> FMFL.KDMFI/2-UFY-104/15		<b>Course title:</b> Didactics of Physics (1)			
<b>Educational activities:</b> <b>Type of activities:</b> course <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II., N					
<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: 52					
A	B	C	D	E	FX
59,62	28,85	9,62	0,0	0,0	1,92
<b>Lecturers:</b> doc. Mgr. PaedDr. Viera Haverlíková, PhD.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics					
<b>Course ID:</b> FMFL.KDMFI/2-UFY-106/15		<b>Course title:</b> Didactics of Physics (2)			
<b>Educational activities:</b> <b>Type of activities:</b> lecture / practicals <b>Number of hours:</b> <b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 4.					
<b>Educational level:</b> II., N					
<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: 48					
A	B	C	D	E	FX
77,08	18,75	4,17	0,0	0,0	0,0
<b>Lecturers:</b> doc. Mgr. PaedDr. Viera Haverlíková, PhD.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics					
<b>Course ID:</b> FMFL.KDMFI/2- pUFY-901/19		<b>Course title:</b> Diploma Thesis Project			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 0					
<b>Recommended semester:</b> 4.					
<b>Educational level:</b> N					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 2					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> doc. RNDr. Peter Demkanin, PhD.					
<b>Last change:</b>					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics					
<b>Course ID:</b> FMFL.KDMFI/2-UFY-115/15		<b>Course title:</b> Methods for Solving Physical Tasks			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 3 <b>per level/semester:</b> 42 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 4.					
<b>Educational level:</b> II., N					
<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: 48					
A	B	C	D	E	FX
89,58	6,25	4,17	0,0	0,0	0,0
<b>Lecturers:</b> doc. PaedDr. Klára Velmovská, PhD.					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					



## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics					
<b>Course ID:</b> FMFI.KDMFI/2-UFY-111/15		<b>Course title:</b> Practical in Class Experiments in Physics (1)			
<b>Educational activities:</b> <b>Type of activities:</b> seminar <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> II., N					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 50					
A	B	C	D	E	FX
92,0	6,0	0,0	0,0	0,0	2,0
<b>Lecturers:</b> PaedDr. Peter Horváth, PhD., PaedDr. Jana Jakubičková					
<b>Last change:</b> 02.06.2015					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics					
<b>Course ID:</b> FMFL.KDMFI/1-UFY-320/15		<b>Course title:</b> School Experiments in Physics			
<b>Educational activities:</b> <b>Type of activities:</b> laboratory practicals <b>Number of hours:</b> <b>per week:</b> 2 <b>per level/semester:</b> 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> 3.					
<b>Educational level:</b> I., N					
<b>Prerequisites:</b>					
<b>Course requirements:</b>					
<b>Learning outcomes:</b>					
<b>Class syllabus:</b>					
<b>Recommended literature:</b>					
<b>Languages necessary to complete the course:</b>					
<b>Notes:</b>					
<b>Past grade distribution</b> Total number of evaluated students: 37					
A	B	C	D	E	FX
48,65	13,51	27,03	5,41	2,7	2,7
<b>Lecturers:</b> doc. PaedDr. Klára Velmovská, PhD., Mgr. Simona Gorčáková, PaedDr. Jakub Čevajka, PhD.					
<b>Last change:</b> 04.12.2019					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava							
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics							
<b>Course ID:</b> FMFL.KDMFI/2- pUFYx-211/19				<b>Course title:</b> Teaching Practice			
<b>Educational activities:</b> <b>Type of activities:</b> practice <b>Number of hours:</b> <b>per week:</b> <b>per level/semester:</b> 20s <b>Form of the course:</b> on-site learning, combined							
<b>Number of credits:</b> 0							
<b>Recommended semester:</b> 3.							
<b>Educational level:</b> N							
<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							
A	ABS	B	C	D	E	FX	NEABS
20,0	80,0	0,0	0,0	0,0	0,0	0,0	0,0
<b>Lecturers:</b> PaedDr. Peter Horváth, PhD.							
<b>Last change:</b>							
<b>Approved by:</b>							

## STATE EXAM DESCRIPTION

<b>University:</b> Comenius University in Bratislava	
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics	
<b>Course ID:</b> FMFL.KDMFI/2- pUFY-911/19	<b>Course title:</b> Thesis Defence
<b>Number of credits:</b> 0	
<b>Educational level:</b> N	
<b>State exam syllabus:</b>	
<b>Last change:</b>	
<b>Approved by:</b>	