

## Course descriptions

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## 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. RNDr. Peter Demkanin, PhD., PaedDr. Soňa Chalupková, 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> 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: 1					
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>					

## 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- pUXX-951/19	<b>Course title:</b> General Pedagogy
<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/1-UFY-220/15		<b>Course title:</b> Introduction to Class Experiments			
<b>Educational activities:</b> <b>Type of activities:</b> lecture / laboratory practicals <b>Number of hours:</b> <b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 5					
<b>Recommended semester:</b> 2.					
<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: 46					
A	B	C	D	E	FX
60,87	17,39	17,39	0,0	2,17	2,17
<b>Lecturers:</b> doc. RNDr. Peter Demkanin, PhD., doc. Mgr. PaedDr. Viera Haverlíková, PhD.					
<b>Last change:</b> 06.02.2021					
<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> 2.					
<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-UXX-123/15		<b>Course title:</b> Pedagogic Research Methodology (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> 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: 124					
A	B	C	D	E	FX
66,13	20,97	6,45	1,61	2,42	2,42
<b>Lecturers:</b> PaedDr. Mária Slavíčková, PhD., Mgr. Karolína Miková, PhD.					
<b>Last change:</b> 08.06.2017					
<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-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> 1.					
<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.					
<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- pUXX-952/19	<b>Course title:</b> Psychology
<b>Number of credits:</b> 0	
<b>Educational level:</b> N	
<b>State exam syllabus:</b>	
<b>Last change:</b> 13.01.2020	
<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-PriF.KDPP/1- UXX-141/15		<b>Course title:</b> Psychology for Teachers (1)			
<b>Educational activities:</b> <b>Type of activities:</b> lecture / seminar <b>Number of hours:</b> <b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 4					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> I., II., N					
<b>Prerequisites:</b>					
<b>Antirequisites:</b> FMFI-PriF.KDPP/1-UXX-131/10					
<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: 542					
A	B	C	D	E	FX
18,63	14,02	24,54	19,93	18,08	4,8
<b>Lecturers:</b> RNDr. Jana Ciceková, PhD., Mgr. Ľudmila Skačanová					
<b>Last change:</b> 09.09.2019					
<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> FMFI.KDMFI/1-UXX-142/15		<b>Course title:</b> Psychology for Teachers (2)			
<b>Educational activities:</b> <b>Type of activities:</b> lecture / seminar <b>Number of hours:</b> <b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 4					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> I., II., N					
<b>Prerequisites:</b> FMFI-PriF.KDPP/1-UXX-141/15 - Psychology for Teachers (1)					
<b>Antirequisites:</b> FMFI-PriF.KDPP/1-UXX-135/10					
<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: 482					
A	B	C	D	E	FX
24,07	16,18	19,09	23,44	14,11	3,11
<b>Lecturers:</b> Mgr. Ľudmila Skačanová, RNDr. Jana Ciceková, 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/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., PaedDr. Jakub Čevajka, Mgr. Simona Gorčáková					
<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> FMFI.KDMFI/1-UXX-331/18		<b>Course title:</b> School Management			
<b>Educational activities:</b> <b>Type of activities:</b> lecture / seminar <b>Number of hours:</b> <b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28 <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 4					
<b>Recommended semester:</b> 4.					
<b>Educational level:</b> I., II., N					
<b>Prerequisites:</b>					
<b>Antirequisites:</b> FMFI-Prif.KDPP/1-UXX-331/15					
<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: 93					
A	B	C	D	E	FX
55,91	16,13	21,51	3,23	0,0	3,23
<b>Lecturers:</b> Mgr. Karolína Miková, PhD.					
<b>Last change:</b> 10.01.2020					
<b>Approved by:</b>					

## COURSE DESCRIPTION

<b>University:</b> Comenius University in Bratislava					
<b>Faculty:</b> Faculty of Mathematics, Physics and Informatics					
<b>Course ID:</b> FMFL.KDMFI/2-UXX-821/15		<b>Course title:</b> Teaching Practice in Physics (2)			
<b>Educational activities:</b> <b>Type of activities:</b> practice <b>Number of hours:</b> <b>per week:</b> <b>per level/semester:</b> 60s <b>Form of the course:</b> on-site learning					
<b>Number of credits:</b> 2					
<b>Recommended semester:</b> 2.					
<b>Educational level:</b> II., 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: 44					
A	B	C	D	E	FX
97,73	2,27	0,0	0,0	0,0	0,0
<b>Lecturers:</b> PaedDr. Peter Horváth, 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-UXX-822/15		<b>Course title:</b> Teaching Practice in Physics (3)			
<b>Educational activities:</b> <b>Type of activities:</b> practice <b>Number of hours:</b> <b>per week:</b> <b>per level/semester:</b> 90s <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: 38					
A	B	C	D	E	FX
97,37	2,63	0,0	0,0	0,0	0,0
<b>Lecturers:</b> PaedDr. Peter Horváth, 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> FMFI.KDMFI/1-UXX-134/19		<b>Course title:</b> Theory of Teaching			
<b>Educational activities:</b> <b>Type of activities:</b> course <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> 4					
<b>Recommended semester:</b> 1.					
<b>Educational level:</b> I., II., N					
<b>Prerequisites:</b>					
<b>Antirequisites:</b> FMFI.KDMFI/1-UXX-134/18					
<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: 93					
A	B	C	D	E	FX
46,24	25,81	8,6	9,68	4,3	5,38
<b>Lecturers:</b> Mgr. Karolína Miková, PhD.					
<b>Last change:</b> 01.09.2019					
<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>	