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Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KDMFI/2-Astronomy and Meteorology prUFYx-302/21 **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 16s / 6s Form of the course: on-site learning Number of credits: 0 **Recommended semester:** 5. **Educational level:** N **Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 14 **ABS NEABS** 100.0 0.0 Lecturers: doc. RNDr. Peter Demkanin, PhD. **Last change:** 15.12.2022

Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID:** Course title: FMFI.KJFB/2-Atomic and Nuclear Physics prUFYx-205/21 **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 20s / 8s Form of the course: on-site learning Number of credits: 0 Recommended semester: 4. **Educational level:** N **Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 25 **ABS NEABS** 96.0 4.0 Lecturers: doc. RNDr. Radoslav Böhm, PhD. **Last change:** 14.12.2022

Academic year: 2025/2026			
University: Comenius Univers	ity Bratislava		
Faculty: Faculty of Mathematic	es, Physics and Informatic	S	
Course ID: FMFI.KDMFI/2- prUFYx-116/21	Course title: Didactics of Physics		
Educational activities: Type of activities: lecture / in Number of hours: per week: per level/semest Form of the course: on-site le	eer: 18s / 8s		
Number of credits: 0			
Recommended semester: 2.			
Educational level: N			
Prerequisites:			
Course requirements:			
Learning outcomes:			
Class syllabus:			
Recommended literature:			
Languages necessary to comp	lete the course:		
Notes:			
Past grade distribution Total number of evaluated stud	ents: 27		
ABS		NEABS	
100,0		0,0	
Lecturers: PaedDr. Tünde Koz	ánek Kiss, PhD.		
Last change: 14.12.2022			
Approved by: doc. RNDr. Peter	r Demkanin, PhD.		

STATE EXAM DESCRIPTION

Academic year: 2025/2026

University: Comenius University Bratislava

Faculty: Faculty of Mathematics, Physics and Informatics

Course ID:
FMFI.KDMFI/2prUFYx-913/21

Number of credits: 0

Educational level: N

State exam syllabus:
Last change: 25.09.2023

Approved by: doc. RNDr. Peter Demkanin, PhD.

Academic year: 2025/2026			
University: Comenius University Bratislava			
Faculty: Faculty of Mathematic	es, Physics and In	formatics	
Course ID: FMFI.KDMFI/2- prUFYx-901/21	Course title: Diploma Thesis Project		
Educational activities: Type of activities: lecture Number of hours: per week: per level/semester: 4s Form of the course: on-site learning			
Number of credits: 0			
Recommended semester: 5.			
Educational level: N			
Prerequisites:	Prerequisites:		
Course requirements:			
Learning outcomes:			
Class syllabus:			
Recommended literature:			
Languages necessary to complete the course:			
Notes:			
Past grade distribution Total number of evaluated students: 14			
ABS		NEABS	
100,0		0,0	
Lecturers: doc. RNDr. Peter Demkanin, PhD., RNDr. Monika Dillingerová, PhD.			
Last change: 12.12.2022			
Approved by: doc. RNDr. Pete	Approved by: doc. RNDr. Peter Demkanin, PhD.		

Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KDMFI/2-Electromagnetism prUFYx-202/21 **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 20s / 8s Form of the course: on-site learning Number of credits: 0 **Recommended semester: 3. Educational level:** N **Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 25 **ABS NEABS** 96.0 4.0 Lecturers: PaedDr. Peter Horváth, PhD. Last change: 14.12.2022 Approved by: doc. RNDr. Peter Demkanin, PhD.

Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/2-prUFYx-301/21 **Electronics and Communication for Teachers Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 12s / 4s Form of the course: on-site learning Number of credits: 0 **Recommended semester:** 5. **Educational level:** N **Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 14 ABS **NEABS** 100,0 0,0 Lecturers: PaedDr. Lukáš Bartošovič, PhD. **Last change:** 14.12.2022

Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KDMFI/2-**Experimental Methods in Physics** prUFYx-206/21 **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 16s / 6s Form of the course: on-site learning Number of credits: 0 Recommended semester: 4. **Educational level:** N **Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 25 **ABS NEABS** 96.0 4.0 Lecturers: PaedDr. Tünde Kozánek Kiss, PhD. **Last change:** 14.12.2022

Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KDMFI/2-**Introduction to Class Experiments** prUFYx-114/21 **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 20s / 8s Form of the course: on-site learning Number of credits: 0 **Recommended semester: 2. Educational level:** N **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 **ABS NEABS** 92.59 7.41 Lecturers: PaedDr. Peter Horváth, PhD. Last change: 14.12.2022

Strana: 10

Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KDMFI/2-Introduction to Didactics of Physics prUFYx-111/21 **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 16s / 8s Form of the course: on-site learning Number of credits: 0 Recommended semester: 1. **Educational level:** N **Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 29 ABS **NEABS** 96.55 3.45 Lecturers: doc. PaedDr. Klára Velmovská, PhD. **Last change:** 14.12.2022

Strana: 11

Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID:** Course title: FMFI.KDMFI/2-Mathematical Methods for Solving Physical Tasks prUFYx-201/21 **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 16s / 6s Form of the course: on-site learning Number of credits: 0 **Recommended semester: 3. Educational level:** N **Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 25 **ABS NEABS** 96.0 4.0 Lecturers: doc. PaedDr. Viera Haverlíková, PhD. **Last change:** 14.12.2022

Strana: 12

Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID:** Course title: FMFI.KDMFI/2-Mathematical Methods in Physics prUFYx-101/21 **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 16s / 6s Form of the course: on-site learning Number of credits: 0 Recommended semester: 1. **Educational level:** N **Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 29 ABS **NEABS** 100.0 0.0 Lecturers: doc. PaedDr. Klára Velmovská, PhD. **Last change:** 09.12.2022 Approved by: doc. RNDr. Peter Demkanin, PhD.

Academic year: 2025/2026	Academic year: 2025/2026		
University: Comenius University	University: Comenius University Bratislava		
Faculty: Faculty of Mathematic	es, Physics and Informat	ics	
Course ID: FMFI.KDMFI/2- prUFYx-102/21	Course title: Mechanics		
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 20s / 8s Form of the course: on-site learning			
Number of credits: 0			
Recommended semester: 1.			
Educational level: N			
Prerequisites:			
Course requirements:			
Learning outcomes:			
Class syllabus:			
Recommended literature:			
Languages necessary to complete the course:			
Notes:			
Past grade distribution Total number of evaluated students: 29			
ABS		NEABS	
93,1		6,9	
Lecturers: PaedDr. Peter Horváth, PhD.			
Last change: 14.12.2022			
Approved by: doc. RNDr. Peter Demkanin, PhD.			

Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID:** Course title: FMFI.KDMFI/2-Methods for Solving Physical Tasks prUFYx-113/21 **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 16s / 8s Form of the course: on-site learning Number of credits: 0 **Recommended semester: 2. Educational level:** N **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 ABS **NEABS** 100.0 0.0 Lecturers: doc. PaedDr. Klára Velmovská, PhD. **Last change:** 14.12.2022 Approved by: doc. RNDr. Peter Demkanin, PhD.

Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KDMFI/2-Molecular Physics and Thermodynamics prUFYx-207/21 **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 12s / 4s Form of the course: on-site learning Number of credits: 0 Recommended semester: 4. **Educational level:** N **Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 25 **ABS NEABS** 96.0 4.0 Lecturers: PaedDr. Lukáš Bartošovič, PhD. Last change: 14.12.2022

Strana: 16

STATE EXAM DESCRIPTION

Academic year: 2025/2026

University: Comenius University Bratislava

Faculty: Faculty of Mathematics, Physics and Informatics

Course ID:
FMFI.KDMFI/2prUFYx-912/21

Number of credits: 0

Educational level: N

State exam syllabus:

Last change: 25.09.2023

Approved by: doc. RNDr. Peter Demkanin, PhD.

Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KDMFI/2-Practical in Class Experiments in Physics prUFYx-211/21 **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 16s / 6s Form of the course: on-site learning Number of credits: 0 **Recommended semester: 3. Educational level:** N **Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 25 **ABS NEABS** 96.0 4.0 Lecturers: PaedDr. Peter Horváth, PhD. Last change: 14.12.2022

Strana: 18

Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KDMFI/2-Prospective Topics in School Physics prUFYx-311/21 **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 16s / 4s Form of the course: on-site learning Number of credits: 0 **Recommended semester:** 5. **Educational level:** N **Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 14 **ABS NEABS** 100.0 0.0 Lecturers: doc. PaedDr. Viera Haverlíková, PhD. **Last change:** 12.12.2022

Strana: 19

Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KDMFI/2-School Experiments in Physics prUFYx-115/21 **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 16s / 8s Form of the course: on-site learning Number of credits: 0 **Recommended semester: 2. Educational level:** N **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 ABS **NEABS** 100.0 0.0 Lecturers: doc. PaedDr. Klára Velmovská, PhD. Last change: 25.03.2023 Approved by: doc. RNDr. Peter Demkanin, PhD.

Academic year: 2025/2026			
University: Comenius University	ty Bratislava		
Faculty: Faculty of Mathematic	es, Physics and Info	ormatics	
Course ID: FMFI.KDMFI/2- prUFYx-112/21	Course title: School Physic		
Educational activities: Type of activities: lecture / independent work Number of hours: per week: per level/semester: 20s / 8s Form of the course: on-site learning			
Number of credits: 0			
Recommended semester: 1.			
Educational level: N			
Prerequisites:			
Course requirements:			
Learning outcomes:			
Class syllabus:			
Recommended literature:			
Languages necessary to complete the course:			
Notes:			
Past grade distribution Total number of evaluated students: 29			
ABS		NEABS	
100,0		0,0	
Lecturers: PaedDr. Tünde Kozánek Kiss, PhD.			
Last change: 14.12.2022			
Approved by: doc. RNDr. Peter Demkanin, PhD.			

Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID:** Course title: FMFI.KTF/2-prUFYx-203/21 Selected Fields of Physical Research **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 16s / 6s Form of the course: on-site learning Number of credits: 0 Recommended semester: 4. **Educational level:** N **Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 25 ABS **NEABS** 100,0 0,0 Lecturers: doc. RNDr. Peter Demkanin, PhD. **Last change:** 14.12.2022 Approved by: doc. RNDr. Peter Demkanin, PhD.

Academic year: 2025/2026			
University: Comenius University	ty Bratislava		
Faculty: Faculty of Mathematic	es, Physics and Informatics		
Course ID: FMFI.KDMFI/2- prUFYx-221/21	Course title: Teaching Practice		
Educational activities: Type of activities: practice Number of hours: per week: per level/semest Form of the course: on-site le			
	Number of credits: 0		
	Recommended semester: 3., 4		
Educational level: N			
Prerequisites:			
Course requirements:			
Learning outcomes:			
Class syllabus:			
Recommended literature:			
Languages necessary to complete the course:			
Notes:			
Past grade distribution Total number of evaluated students: 25			
ABS	NEABS		
96,0	4,0		
Lecturers: PaedDr. Peter Horváth, PhD.			
Last change: 16.06.2023			
Approved by: doc. RNDr. Peter Demkanin, PhD.			

STATE EXAM DESCRIPTION

Academic year: 2025/2026

University: Comenius University Bratislava

Faculty: Faculty of Mathematics, Physics and Informatics

Course ID:
FMFI.KDMFI/2prUFYx-911/21

Number of credits: 0

Educational level: N

State exam syllabus:

Last change: 16.06.2023

Academic year: 2025/2026 University: Comenius University Bratislava Faculty: Faculty of Mathematics, Physics and Informatics **Course ID: Course title:** FMFI.KEF/2-prUFYx-204/21 Waves and Optics **Educational activities:** Type of activities: lecture / independent work **Number of hours:** per week: per level/semester: 16s / 6s Form of the course: on-site learning Number of credits: 0 Recommended semester: 3. **Educational level:** N **Prerequisites: Course requirements: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 24 ABS **NEABS** 100,0 0,0 Lecturers: PaedDr. Tünde Kozánek Kiss, PhD. **Last change:** 14.12.2022 Approved by: doc. RNDr. Peter Demkanin, PhD.