Course descriptions

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COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	

Course ID: FMFI.KDMFI/2- pUFYx-203/19	**Course title:** Didactics of Physics

Educational activities: **Type of activities:** lecture / independent work **Number of hours:**   **per week:** **per level/semester:** 16s / 8s **Form of the course:** combined
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: 8

ABS	NEABS
100,0	0,0

Lecturers: PaedDr. Tünde Kozánek Kiss, PhD.
Last change: 12.12.2022
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/2-pUFY-961/19	**Course title:** Didactics of Physics
Number of credits: 0	
Educational level: N	
State exam syllabus:	
Last change: 29.11.2019	
Approved by: doc. RNDr. Peter Demkanin, PhD.	

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	

Course ID: FMFI.KDMFI/2- pUFYx-901/19	**Course title:** Diploma Thesis Project

Educational activities:
  Type of activities: lecture
  Number of hours:
    per week: per level/semester: 8s
  Form of the course: combined

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: 8

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. Peter Demkanin, PhD.

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	

Course ID: FMFI.KDMFI/2-pUFYx-102/19	**Course title:** Introduction to Class Experiments

Educational activities:
  Type of activities: lecture / independent work
  Number of hours:
   per week: per level/semester: 16s / 8s
  Form of the course: combined

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: 13

ABS	NEABS
92,31	7,69

Lecturers: doc. RNDr. Peter Demkanin, PhD.

Last change: 05.02.2020

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

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	

Course ID: FMFI.KDMFI/2-pUFYx-101/19	**Course title:** Introduction to Didactics of Physics

Educational activities:
  Type of activities: lecture / independent work
  Number of hours:
    per week: per level/semester: 16s / 8s
  Form of the course: combined

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: 15

ABS	NEABS
80,0	20,0

Lecturers: doc. PaedDr. Klára Velmovská, PhD.
Last change: 12.12.2025
Approved by: doc. RNDr. Peter Demkanin, PhD.

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	

Course ID: FMFI.KDMFI/2-pUFYx-103/19	**Course title:** Methods for Solving Physical Tasks

Educational activities:
  Type of activities: lecture / independent work
  Number of hours:
    per week: per level/semester: 16s / 8s
  Form of the course: combined

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: 9

ABS	NEABS
88,89	11,11

Lecturers: doc. PaedDr. Klára Velmovská, PhD.
Last change: 09.12.2022
Approved by: doc. RNDr. Peter Demkanin, PhD.

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	

Course ID: FMFI.KDMFI/2-pUFYx-201/19	**Course title:** School Experiments in Physics

Educational activities:
  Type of activities: lecture / independent work
  Number of hours:
    per week: per level/semester: 16s / 8s
  Form of the course: combined

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: 8

ABS	NEABS
100,0	0,0

Lecturers: doc. PaedDr. Klára Velmovská, PhD.

Last change: 25.03.2023

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

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	

Course ID: FMFI.KDMFI/2-pUFYx-204/22	**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: combined

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: 3

ABS	NEABS
66,67	33,33

Lecturers: PaedDr. Tünde Kozánek Kiss, PhD.

Last change: 12.12.2025

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

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Mathematics, Physics and Informatics	

Course ID: FMFI.KDMFI/2- pUFYx-211/19	**Course title:** Teaching Practice

Educational activities:
  Type of activities: practice
  Number of hours:
    per week: per level/semester: 20s
  Form of the course: on-site learning, combined

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: 16

A	ABS	B	C	D	E	FX	NEABS
31,25	62,5	0,0	0,0	0,0	0,0	0,0	6,25

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/2-pUFY-911/19	**Course title:** Thesis Defence
Number of credits: 0	
Educational level: N	
State exam syllabus:	
Last change: 16.06.2023	
Approved by: doc. RNDr. Peter Demkanin, PhD.	