

Course descriptions

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COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-134/22		Course title: Advanced DNA Analysis Methods in the Identification and Typisation of Organisms			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 109					
A	B	C	D	E	FX
11,93	15,6	28,44	28,44	15,6	0,0
Lecturers: Ing. Marcela Bieliková, PhD., prof. RNDr. Hana Drahovská, PhD., doc. Mgr. Andrej Ficek, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-126/22		Course title: Advanced Laboratory Practice			
Educational activities: Type of activities: practice Number of hours: per week: per level/semester: 3t Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 101					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Jozef Grones, CSc., doc. RNDr. Stanislav Stuchlík, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBBT-102/22		Course title: Advanced Laboratory Practice in Biotechnology			
Educational activities: Type of activities: practicals Number of hours: per week: 4 per level/semester: 52 Form of the course: on-site learning					
Number of credits: 4					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 73					
A	B	C	D	E	FX
97,26	0,0	0,0	2,74	0,0	0,0
Lecturers: doc. RNDr. Ján Krahulec, PhD., doc. RNDr. Jozef Grones, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-107/22		Course title: Advanced Methods in Molecular Biology			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 198					
A	B	C	D	E	FX
8,59	13,64	17,17	23,23	27,78	9,6
Lecturers: doc. Mgr. Andrea Šoltýsová, PhD., doc. Mgr. Andrej Ficek, PhD., doc. RNDr. Ján Radvánszky, PhD., Mgr. Zdenko Levarski, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KMB/N-BIMO-957/22	Course title: Advanced Molecular Biology
Number of credits: 2	
Educational level: II.	
State exam syllabus:	
Last change: 09.11.2022	
Approved by: prof. RNDr. Ján Turňa, CSc.	

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-108/22		Course title: Advances in Molecular Biology 1			
Educational activities: Type of activities: lecture Number of hours: per week: 4 per level/semester: 52 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 187					
A	B	C	D	E	FX
12,3	13,9	29,41	24,06	18,18	2,14
Lecturers: prof. RNDr. Ján Turňa, CSc., doc. RNDr. Stanislav Stuchlík, CSc., prof. RNDr. Hana Drahovská, PhD., Mgr. Michal Kajsik, PhD., doc. RNDr. Andrej Dudáš, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-109/22		Course title: Advances in Molecular Biology 1 - Seminar			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 186					
A	B	C	D	E	FX
95,16	4,3	0,54	0,0	0,0	0,0
Lecturers: prof. RNDr. Ján Turňa, CSc., doc. RNDr. Stanislav Stuchlík, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-112/22		Course title: Advances in Molecular Biology 2			
Educational activities: Type of activities: lecture Number of hours: per week: 4 per level/semester: 52 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 140					
A	B	C	D	E	FX
10,0	17,14	20,71	27,14	24,29	0,71
Lecturers: prof. RNDr. Ján Turňa, CSc., doc. RNDr. Stanislav Stuchlík, CSc., doc. RNDr. Andrej Dudáš, PhD., doc. RNDr. Martin Kolísek, Dr.rer.nat					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-113/22		Course title: Advances in Molecular Biology 2 - Seminar			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 141					
A	B	C	D	E	FX
81,56	13,48	4,96	0,0	0,0	0,0
Lecturers: prof. RNDr. Ján Turňa, CSc., doc. RNDr. Stanislav Stuchlík, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAn/N-XXXX-005/21		Course title: Bioarchaeology			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1., 3.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1375					
A	B	C	D	E	FX
69,67	9,82	6,55	5,45	4,36	4,15
Lecturers: doc. RNDr. Radoslav Beňuš, PhD., Mgr. Silvia Bodoriková, PhD., RNDr. Michaela Dörnhöferová, PhD.					
Last change: 07.11.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-146/22		Course title: Biosafety and Legislation in Biotechnology			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
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	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Zdenko Levarski, PhD., prof. RNDr. Ján Turňa, CSc., doc. RNDr. Stanislav Stuchlík, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBBT-100/22		Course title: Biotechnology 2			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 66					
A	B	C	D	E	FX
31,82	16,67	21,21	13,64	6,06	10,61
Lecturers: prof. RNDr. Ján Turňa, CSc., doc. RNDr. Ján Krahulec, PhD., doc. RNDr. Stanislav Stuchlík, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBBT-101/22		Course title: Biotechnology 2 - Seminar			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 62					
A	B	C	D	E	FX
93,55	0,0	3,23	0,0	0,0	3,23
Lecturers: prof. RNDr. Ján Turňa, CSc., doc. RNDr. Ján Krahulec, PhD., doc. RNDr. Stanislav Stuchlík, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-147/22		Course title: Biotechnology and Biomedicine			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 44					
A	B	C	D	E	FX
20,45	31,82	22,73	13,64	11,36	0,0
Lecturers: prof. RNDr. Hana Drahovská, PhD., doc. Mgr. Andrea Šoltýsová, PhD., doc. Mgr. Andrej Ficek, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-148/22		Course title: Biotechnology and Biomedicine - Seminar			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 11					
A	B	C	D	E	FX
90,91	0,0	9,09	0,0	0,0	0,0
Lecturers: prof. RNDr. Hana Drahovská, PhD., doc. Mgr. Andrea Šoltýsová, PhD., doc. Mgr. Andrej Ficek, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-120/22		Course title: Computational Genomics			
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 2 per level/semester: 26 / 26 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 56					
A	B	C	D	E	FX
21,43	23,21	33,93	7,14	14,29	0,0
Lecturers: Mgr. Ľuboš Kľučár, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-mXCJ-078/22		Course title: Deutsch für Naturwissenschaftler A1 (začiatocníci)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 79					
A	B	C	D	E	FX
98,73	0,0	0,0	0,0	0,0	1,27
Lecturers: Mgr. Karin Rózsová Wolfová					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-mXCJ-080/22		Course title: Deutsch für Naturwissenschaftler A2 (začiatocníci)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 39					
A	B	C	D	E	FX
94,87	0,0	0,0	0,0	0,0	5,13
Lecturers: Mgr. Karin Rózsová Wolfová					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-mXCJ-079/22		Course title: Deutsch für Naturwissenschaftler B1 (pokročili)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 37					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Karin Rózsová Wolfová					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-mXCJ-081/22		Course title: Deutsch für Naturwissenschaftler B2 (pokročili)			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 10					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Karin Rózsová Wolfová					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-mXCJ-076/22		Course title: EAP 1/English for Academic Purposes			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 349					
A	B	C	D	E	FX
78,8	16,62	3,15	0,0	0,86	0,57
Lecturers: PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., RNDr. Tatiana Slováková, PhD.					
Last change: 26.09.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-mXCJ-077/22		Course title: EAP 2/English for Academic Purposes			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 224					
A	B	C	D	E	FX
83,48	12,05	1,79	0,45	0,45	1,79
Lecturers: PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Mariana Hyžná, PhD.					
Last change: 26.09.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KGe/N-XXXX-004/21		Course title: Genetics for everyone			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2., 4.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1483					
A	B	C	D	E	FX
94,07	0,67	0,0	0,0	0,0	5,26
Lecturers: RNDr. Regina Sepšiová, PhD., doc. Mgr. Miroslava Slaninová, Dr., Mgr. Filip Červenák, PhD., prof. RNDr. Andrea Ševčovičová, PhD., doc. RNDr. Eliška Gálová, PhD., Mgr. Stanislav Kyzek, PhD., Mgr. Mária Peťková, PhD., Mgr. Ivana Kyzeková, PhD., doc. RNDr. Vladimíra Džugasová, PhD.					
Last change: 15.08.2025					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KBCh/N-mCBI-119/22	Course title: Genomics
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning	
Type, volume, methods and workload of the student - additional information Form of Study: lecture Number of contact hours: per week: 2 per level/semester: 26 Form of the course: on-site learning, remote	
Number of credits: 2	
Recommended semester: 2.	
Educational level: II.	
Prerequisites:	
Course requirements: There will be a written test during the examination period of the semester. The grading scale is as follows: A – 92%, B – 84%, C – 76%, D – 68%, E – 60%. Credits will not be awarded to a student who gets less than 60% from the test. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: During the course, students will gain an overview of experimental strategies that allow them to determine the complete sequences of genomes, identify and annotate genes and then examine their biological functions. After completing the course, students will learn the basics of genomics, transcriptomics, proteomics, interactomics, epigenomics, systems and synthetic biology, functional and comparative analysis of complete genomes and get acquainted with the importance of these disciplines for modern biomedical research and biotechnological applications.	
Class syllabus: Genomics and its importance for modern biomedical research. From individual genes to complete genomes. Physical genome mapping techniques. Experimental strategies for complete genome sequencing projects (from bacterial genomes to human genomes). Genomics and personalized medicine. "Personal genomes" and ethical aspects of genomics. Personalized therapy. Molecular phylogenomics. Paleogenomics. Metagenomics. Determination of DNA sequences of complex biological communities. Analysis of the dynamics of microorganism communities. New approaches in DNA sequencing technology. From chemical and enzymatic methods to automatic DNA analyzers. Nucleic acid sequencing methods by SBS, SBL and SBH approaches. Nanopore sequencing.	

Principles of annotation and sequence analysis of complete genomes. Categorization of genes and functional elements in genomes. Bioinformatics principles of identification of new genes. Genes and genomic databases and datamining.
 Comparative and evolutionary genomics. Evolutionary processes taking place at the genome level. Functional analysis of complete genomes. Principles of transcriptome and proteome analysis. Epigenomics.
 Chemical genomics and perturbation biology.
 Introduction to systems biology and mathematical modeling. Biological systems as computer models. Fundamentals of mathematical models in biology.
 Synthetic biology. The concept of minimal genome. Methods of synthetic biology. DNA synthesis strategies, from oligonucleotide preparation to genome synthesis. Synthetic microorganisms. Biotechnological applications of synthetic organisms.

Recommended literature:

Nosek, J. a kol. (2013) Genomics (in Slovak). CreateSpace Independent Publishing Platform.
 Brown, T.A. (2002) Genomes. 2nd. edition. Garland Science.
 Watson, J.D. a kol. (2007) Recombinant DNA: Genes and Genomes – A short course. 3rd edition. CSHL Press.

Languages necessary to complete the course:

Slovak in combination with English (textbooks in English)

Notes:

the course is provided only in the summer semester

Past grade distribution

Total number of evaluated students: 54

A	B	C	D	E	FX
27,78	29,63	20,37	11,11	5,56	5,56

Lecturers: prof. RNDr. Jozef Nosek, DrSc., Mgr. Peter Baráth, PhD., doc. Mgr. Bronislava Brejová, PhD., Mgr. Jaroslav Budiš, PhD., doc. Mgr. Richard Kollár, PhD., Ing. Martina Neboháčová, PhD., doc. RNDr. Ivan Valent, CSc., doc. Mgr. Tomáš Vinař, PhD., Mgr. Martin Lukačišin, PhD.

Last change: 18.05.2025

Approved by: prof. RNDr. Ján Turňa, CSc.

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KRGRR/N- XXXX-001/21		Course title: Geography of the World in the 21.st century			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 13 / 13 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2., 4.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 147					
A	B	C	D	E	FX
83,67	2,72	6,12	0,68	0,68	6,12
Lecturers: Mgr. Rastislav Cákoci, PhD., RNDr. Katarína Danielová, PhD., doc. RNDr. Daniel Gurňák, PhD., doc. RNDr. František Križan, PhD., doc. RNDr. Eva Rajčáková, CSc., Mgr. Michala Sládeková Madajová, PhD., RNDr. Angelika Švecová, PhD., doc. Mgr. Martin Šveda, PhD., prof. RNDr. Ladislav Tolmáči, PhD., RNDr. Mgr. Anna Tolmáči, PhD., Mgr. Gabriel Zubriczký, PhD.					
Last change: 15.05.2021					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KGP/N-XXXX-007/21		Course title: Geology in Nutshell			
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 2 per level/semester: 13 / 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2., 4.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 58					
A	B	C	D	E	FX
89,66	0,0	0,0	0,0	8,62	1,72
Lecturers: prof. RNDr. Roman Aubrecht, Dr., prof. Mgr. Natália Hlavatá Hudáčková, PhD., doc. RNDr. Jozef Hók, CSc., doc. RNDr. Alexander Lačný, PhD., doc. RNDr. Jana Fridrichová, PhD., RNDr. Ondrej Nemeč, PhD.					
Last change: 20.01.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KPI/N-XXXX-009/21		Course title: Global Environmental Issues			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2., 4.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1126					
A	B	C	D	E	FX
90,5	0,0	0,27	0,0	0,0	9,24
Lecturers: doc. RNDr. Katarína Pavličková, CSc., prof. RNDr. Pavel Dlapa, PhD., doc. RNDr. Martina Zvaríková, PhD., doc. RNDr. Ľubomír Jurkovič, PhD.					
Last change: 09.11.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KEM/N-mXXX-003/22		Course title: Green University 1			
Educational activities: Type of activities: practicals / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 2., 3., 4., 5., 6..					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 36					
A	B	C	D	E	FX
94,44	0,0	0,0	0,0	0,0	5,56
Lecturers: RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD., RNDr. Hubert Žarnovičan, PhD.					
Last change: 24.08.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KEM/N-mXXX-004/22		Course title: Green University 2			
Educational activities: Type of activities: practicals / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 2., 3., 4., 5., 6..					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 17					
A	B	C	D	E	FX
94,12	0,0	0,0	0,0	0,0	5,88
Lecturers: RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD., RNDr. Hubert Žarnovičan, PhD.					
Last change: 24.08.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KMB/N-BIMO-958/22	Course title: Human Genetics
Number of credits: 2	
Educational level: II.	
State exam syllabus:	
Last change: 09.11.2022	
Approved by: prof. RNDr. Ján Turňa, CSc.	

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-101/22		Course title: Human Genomics			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 13 / 13 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 49					
A	B	C	D	E	FX
95,92	0,0	2,04	0,0	0,0	2,04
Lecturers: doc. Mgr. Andrej Ficek, PhD., Mgr. Marián Baldovič, PhD., doc. Mgr. Andrea Šoltýsová, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KMB/N-BIMO-961/22	Course title: Human Molecular Genetics
Number of credits: 1	
Educational level: II.	
State exam syllabus:	
Last change: 09.11.2022	
Approved by: prof. RNDr. Ján Turňa, CSc.	

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-105/22		Course title: Human Molecular Genetics			
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 3 / 2 per level/semester: 39 / 26 Form of the course: on-site learning					
Number of credits: 6					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 140					
A	B	C	D	E	FX
27,14	15,71	20,71	17,14	12,14	7,14
Lecturers: doc. Mgr. Andrej Ficek, PhD., doc. Mgr. Andrea Šoltýsová, PhD., Mgr. Marián Baldovič, PhD., doc. RNDr. Ján Radvánszky, PhD., Mgr. Nikoleta Alchus Laiferová, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBBT-103/22		Course title: Intellectual Property Rights in Biotechnology			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 163					
A	B	C	D	E	FX
79,75	17,18	1,23	0,61	0,0	1,23
Lecturers: doc. RNDr. Stanislav Stuchlík, CSc., Mgr. Lenka Levarská, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KPI/N-XXXX-008/21		Course title: Man as a part of the nature			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1., 3.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1660					
A	B	C	D	E	FX
90,72	0,3	0,0	0,0	0,06	8,92
Lecturers: doc. RNDr. Martina Zvaríková, PhD., prof. RNDr. Pavel Dlapa, PhD., RNDr. Malvína Reiffers Čierniková, PhD., prof. PaedDr. Pavol Prokop, DrSc., prof. RNDr. Peter Fedor, DrSc., prof. Ing. Eva Chmielewská, CSc., RNDr. Martin Labuda, PhD., doc. RNDr. Eva Pauditšová, PhD., RNDr. Hubert Žarnovičan, PhD., doc. RNDr. Stanislav Rapant, DrSc., doc. RNDr. Ľubomír Jurkovič, PhD., doc. Mgr. Tomáš Lánczos, PhD., doc. RNDr. Katarína Pavličková, CSc.					
Last change: 09.11.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-145/22		Course title: Management and Economics of Biotechnology Companies			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 89					
A	B	C	D	E	FX
49,44	25,84	16,85	6,74	1,12	0,0
Lecturers: prof. RNDr. Ján Turňa, CSc., doc. RNDr. Tomáš Szemes, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-128/22		Course title: Massive parallel sequencing and data analysis			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 185					
A	B	C	D	E	FX
41,08	23,78	17,84	8,11	9,19	0,0
Lecturers: doc. RNDr. Tomáš Szemes, PhD., prof. RNDr. Ján Turňa, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-124/22		Course title: Master Thesis 1			
Educational activities: Type of activities: practicals Number of hours: per week: 3 per level/semester: 39 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 124					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Jozef Grones, CSc., doc. RNDr. Stanislav Stuchlík, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-125/22		Course title: Master Thesis 2			
Educational activities: Type of activities: practicals Number of hours: per week: 5 per level/semester: 65 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 101					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Jozef Grones, CSc., doc. RNDr. Stanislav Stuchlík, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-131/22		Course title: Master Thesis 3			
Educational activities: Type of activities: practicals Number of hours: per week: 14 per level/semester: 182 Form of the course: on-site learning					
Number of credits: 6					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 135					
A	B	C	D	E	FX
99,26	0,0	0,0	0,74	0,0	0,0
Lecturers: doc. RNDr. Jozef Grones, CSc., prof. RNDr. Hana Drahovská, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-132/22		Course title: Master Thesis 4			
Educational activities: Type of activities: practicals Number of hours: per week: 16 per level/semester: 208 Form of the course: on-site learning					
Number of credits: 8					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 106					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Jozef Grones, CSc., prof. RNDr. Hana Drahovská, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-129/22		Course title: Master Thesis Seminar 1			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 137					
A	B	C	D	E	FX
86,13	11,68	0,0	0,0	0,73	1,46
Lecturers: prof. RNDr. Hana Drahovská, PhD., doc. RNDr. Stanislav Stuchlík, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-130/22		Course title: Master Thesis Seminar 2			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 105					
A	B	C	D	E	FX
92,38	4,76	1,9	0,95	0,0	0,0
Lecturers: prof. RNDr. Hana Drahovská, PhD., doc. RNDr. Stanislav Stuchlík, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KMB/N-mOBH-100/22	Course title: Master's Thesis Defence
Number of credits: 10	
Educational level: II.	
State exam syllabus:	
Last change: 24.07.2022	
Approved by: prof. RNDr. Ján Turňa, CSc.	

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMV/N-mBMV-002/22		Course title: Medical bacteriology and antimicrobial agents			
Educational activities: Type of activities: practicals / lecture / seminar Number of hours: per week: 2 / 2 / 1 per level/semester: 26 / 26 / 13 Form of the course: on-site learning					
Number of credits: 5					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 45					
A	B	C	D	E	FX
26,67	13,33	20,0	24,44	2,22	13,33
Lecturers: prof. RNDr. Helena Bujdáková, CSc., Mgr. Barbora Radochová, PhD.					
Last change: 13.09.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

STATE EXAM DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KMB/N-BIMO-962/22	Course title: Methods in Molecular Biology
Number of credits: 1	
Educational level: II.	
State exam syllabus:	
Last change: 09.11.2022	
Approved by: prof. RNDr. Ján Turňa, CSc.	

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-119/22		Course title: Molecular Biology of Pathogenic Bacteria			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 112					
A	B	C	D	E	FX
40,18	23,21	13,39	8,04	12,5	2,68
Lecturers: prof. RNDr. Hana Drahovská, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-123/22		Course title: Molecular Biophysics			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2.					
Educational level: II.					
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					
A	B	C	D	E	FX
88,89	0,0	0,0	11,11	0,0	0,0
Lecturers: prof. RNDr. Tibor Hianik, DrSc.					
Last change: 09.11.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-122/22		Course title: Molecular Endocrinology			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 26					
A	B	C	D	E	FX
57,69	19,23	3,85	11,54	7,69	0,0
Lecturers: doc. MUDr. Ing. Peter Celec, DrSc., Mgr. Emese Renczés, PhD., Mgr. Veronika Borbélyová, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-121/22		Course title: Molecular Immunology			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 152					
A	B	C	D	E	FX
28,95	43,42	17,76	7,89	1,97	0,0
Lecturers: doc. RNDr. Stanislav Stuchlík, CSc., doc. Mgr. Ivana Shawkatová, PhD., prof. RNDr. Hana Drahovská, PhD., Mgr. Lenka Levarská, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJCh/N-XXXX-011/21		Course title: Perspectives in Chemistry			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 3.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 105					
A	B	C	D	E	FX
45,71	27,62	7,62	2,86	0,95	15,24
Lecturers: doc. RNDr. Martin Putala, CSc., prof. RNDr. Ivan Černušák, DrSc., doc. RNDr. Erik Rakovský, PhD., Mgr. Peter Hrobárik, PhD., doc. RNDr. Oľga Rosskopfová, PhD., Mgr. Táňa Sebechlebská, PhD., Ing. Darina Tóthová, CSc., doc. RNDr. Radoslav Halko, PhD., prof. RNDr. Marian Masár, PhD., doc. RNDr. Jana Korduláková, PhD., doc. Mgr. Peter Polčic, PhD., doc. RNDr. Andrej Boháč, CSc.					
Last change: 07.11.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBCh/N-XXXX-010/22		Course title: Perspectives of Biochemistry			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2., 4.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 415					
A	B	C	D	E	FX
92,53	0,0	0,0	0,0	0,0	7,47
Lecturers: doc. RNDr. Marek Mentel, PhD., prof. RNDr. Katarína Mikušová, DrSc., prof. RNDr. Anton Horváth, CSc., Mgr. Stanislav Huszár, PhD., doc. RNDr. Jana Korduláková, PhD., Ing. Martina Neboháčová, PhD., doc. Mgr. Peter Polčic, PhD., Mgr. Viktória Hodorová, PhD., RNDr. Ingrid Sveráková, PhD., doc. RNDr. Igor Zeman, PhD.					
Last change: 19.09.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-149/22		Course title: Pharmaceutical Biotechnologies			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 59					
A	B	C	D	E	FX
15,25	16,95	22,03	18,64	22,03	5,08
Lecturers: doc. RNDr. Ján Krahulec, PhD., Mgr. Eva Šafranek Struhárňanská, PhD., doc. RNDr. Stanislav Stuchlík, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-150/22		Course title: Pharmaceutical Biotechnologies - Seminar			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 45					
A	B	C	D	E	FX
97,78	0,0	0,0	0,0	0,0	2,22
Lecturers: doc. RNDr. Ján Krahulec, PhD., Mgr. Eva Šafranek Struhárňanská, PhD., doc. RNDr. Stanislav Stuchlík, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-mXTV-110/22		Course title: Physical Education 10			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 260					
A	B	C	D	E	FX
98,46	0,38	0,38	0,0	0,0	0,77
Lecturers: Mgr. Kristína Vanýsková, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Denisa Strečanská, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD.					
Last change: 01.08.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-mXTV-107/22		Course title: Physical Education 7			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 528					
A	B	C	D	E	FX
96,97	0,57	0,38	0,38	0,19	1,52
Lecturers: Mgr. Kristína Vanýsková, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Denisa Strečanská, Mgr. Genc Berisha, PhD., Mgr. PaedDr. Simona Rášiová					
Last change: 01.08.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-mXTV-108/22		Course title: Physical Education 8			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 405					
A	B	C	D	E	FX
96,79	0,25	0,0	0,0	0,0	2,96
Lecturers: Mgr. Kristína Vanýsková, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Denisa Strečanská, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD.					
Last change: 01.08.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-mXTV-109/22		Course title: Physical Education 9			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 490					
A	B	C	D	E	FX
97,55	0,2	0,41	0,0	0,0	1,84
Lecturers: Mgr. Kristína Vanýsková, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Denisa Strečanská, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD.					
Last change: 01.08.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KBo/N-XXXX-003/21		Course title: Plants known and unknown			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1., 3.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1434					
A	B	C	D	E	FX
68,83	19,46	6,07	0,0	1,39	4,25
Lecturers: Ing. Mgr. Eva Zahradníková, PhD., doc. Mgr. Katarína Mišíková, PhD., doc. RNDr. Jana Ščevková, PhD.					
Last change: 30.08.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBBT-104/22		Course title: Practical Course in Biotechnology			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 47					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Jozef Grones, CSc., doc. RNDr. Ján Krahulec, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-118/22		Course title: Practical Course on Methods in Molecular Biology			
Educational activities: Type of activities: practicals / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 137					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Jozef Grones, CSc., prof. RNDr. Hana Drahovská, PhD., doc. RNDr. Andrej Dudáš, PhD., Ing. Marcela Bielíková, PhD., doc. RNDr. Ján Krahulec, PhD., doc. Mgr. Andrej Ficek, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KRGRR/N- XXXX-002/21		Course title: Practical Geography for Natural Scientists			
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 1 / 1 per level/semester: 13 / 13 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1., 3.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 122					
A	B	C	D	E	FX
89,34	0,0	0,82	0,0	0,82	9,02
Lecturers: Mgr. Rastislav Cákoci, PhD., RNDr. Katarína Danielová, PhD., doc. RNDr. Daniel Gurňák, PhD., doc. RNDr. František Križan, PhD., doc. RNDr. Eva Rajčáková, CSc., Mgr. Michala Sládeková Madajová, PhD., RNDr. Angelika Švecová, PhD., doc. Mgr. Martin Šveda, PhD., prof. RNDr. Ladislav Tolmáči, PhD., RNDr. Mgr. Anna Tolmáči, PhD., Mgr. Gabriel Zubriczký, PhD.					
Last change: 15.05.2021					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KIHG/N-XXXX-012/21		Course title: Practical Geology for Everyone			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1., 3.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 548					
A	B	C	D	E	FX
76,64	10,95	4,2	1,46	0,55	6,2
Lecturers: doc. RNDr. Renáta Fľaková, PhD., doc. RNDr. Renáta Adamcová, PhD., prof. RNDr. Roman Pašteka, PhD., prof. RNDr. Martin Bednarik, PhD., doc. RNDr. Dávid Krčmář, PhD., doc. RNDr. Andrej Mojzeš, PhD., RNDr. Ivana Ondrejková, PhD., doc. Mgr. Vladimír Greif, PhD., Mgr. Rudolf Tornyai, PhD., RNDr. Tatiana Durmeková, PhD., Mgr. Martin Zatlakovič, PhD., doc. RNDr. Milan Seman, CSc.					
Last change: 18.09.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-106/22		Course title: Proteins			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 185					
A	B	C	D	E	FX
10,81	36,22	34,59	14,59	3,78	0,0
Lecturers: doc. RNDr. Jozef Grones, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-114/22		Course title: Regulation of Gene Expression in Eukaryotes			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 130					
A	B	C	D	E	FX
34,62	20,0	17,69	16,15	8,46	3,08
Lecturers: doc. Mgr. Andrea Šoltýsová, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-mXTV-112/22		Course title: River rafting			
Educational activities: Type of activities: other Number of hours: per week: per level/semester: 3d Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 2., 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 58					
A	B	C	D	E	FX
82,76	0,0	0,0	0,0	0,0	17,24
Lecturers: Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Denisa Strečanská, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD.					
Last change: 01.08.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-133/22		Course title: Selected Methods in Molecular Biology			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 114					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Jozef Grones, CSc.					
Last change: 09.11.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-127/22		Course title: Selected Topics in Molecular Biology			
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 178					
A	B	C	D	E	FX
98,88	0,0	0,0	0,0	0,0	1,12
Lecturers: doc. RNDr. Stanislav Stuchlík, CSc., doc. RNDr. Andrej Dudáš, PhD., Mgr. Michal Kajsik, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-110/22		Course title: Seminar 3			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 186					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Jozef Grones, CSc., doc. RNDr. Stanislav Stuchlík, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-115/22		Course title: Seminar 4			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 142					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Jozef Grones, CSc., doc. RNDr. Stanislav Stuchlík, CSc.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KMB/N-mBMO-100/22		Course title: Seminar on Human Genetics			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 4.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 65					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. Mgr. Andrej Ficek, PhD.					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-mXCJ-090/24		Course title: Slovak for Foreign Students			
Educational activities: Type of activities: seminar Number of hours: per week: 4 per level/semester: 52 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 2., 3., 4..					
Educational level: II.					
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					
A	B	C	D	E	FX
88,89	0,0	11,11	0,0	0,0	0,0
Lecturers: Mgr. Karin Rózsová Wolfová					
Last change: 05.09.2024					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-mUXX-210/25		Course title: Summer Physical-Education Training			
Educational activities: Type of activities: training session Number of hours: per week: per level/semester: 6d Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2., 4.					
Educational level: II.					
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					
A	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Peter Nehila, Mgr. PaedDr. Simona Rášiová, Mgr. Igor Remák, PhD., Mgr. Denisa Strečanská, PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková					
Last change:					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KAlCh/N-mCAL-112/22		Course title: Theoretical and Practical Aspects of Electroseparation Methods			
Educational activities: Type of activities: seminar Number of hours: per week: 3 per level/semester: 39 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 72					
A	B	C	D	E	FX
58,33	15,28	12,5	8,33	5,56	0,0
Lecturers: prof. RNDr. Marian Masár, PhD., Mgr. Jasna Hradski, PhD.					
Last change: 30.09.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KZ/N-XXXX-006/21		Course title: Theory of species			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 2., 4.					
Educational level: I., II., P					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 261					
A	B	C	D	E	FX
51,34	21,07	11,11	2,3	0,77	13,41
Lecturers: doc. Mgr. Peter Vďačný, PhD.					
Last change: 07.11.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-mXCJ-084/22		Course title: UNICert Deutsch 1			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: II.					
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					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Karin Rózsová Wolfová					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-mXCJ-085/22		Course title: UNICert Deutsch 2			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2.					
Educational level: II.					
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					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Karin Rózsová Wolfová					
Last change: 24.07.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-mXCJ-082/22		Course title: UNICert English 1			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 155					
A	B	C	D	E	FX
92,26	2,58	1,29	1,94	0,0	1,94
Lecturers: PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., RNDr. Tatiana Slováková, PhD.					
Last change: 26.09.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-mXCJ-083/22		Course title: UNICert English 2			
Educational activities: Type of activities: seminar Number of hours: per week: 2 per level/semester: 26 Form of the course: on-site learning					
Number of credits: 3					
Recommended semester: 2.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 113					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., RNDr. Tatiana Slováková, PhD.					
Last change: 26.09.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-mUXX-209/25		Course title: Winter Physical-Education Training			
Educational activities: Type of activities: training session Number of hours: per week: per level/semester: 6d Form of the course: on-site learning					
Number of credits: 2					
Recommended semester: 1., 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 31					
A	B	C	D	E	FX
80,65	0,0	0,0	0,0	0,0	19,35
Lecturers: Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. PaedDr. Simona Rášiová, Mgr. Igor Remák, PhD., Mgr. Denisa Strečanská, PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková					
Last change:					
Approved by: prof. RNDr. Ján Turňa, CSc.					

COURSE DESCRIPTION

Academic year: 2025/2026					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-mXTV-111/22		Course title: Ďumbier mountain hiking			
Educational activities: Type of activities: other Number of hours: per week: per level/semester: 3d Form of the course: on-site learning					
Number of credits: 1					
Recommended semester: 1., 3.					
Educational level: II.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 138					
A	B	C	D	E	FX
84,06	0,0	0,0	0,0	0,0	15,94
Lecturers: Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Denisa Strečanská, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD.					
Last change: 01.08.2022					
Approved by: prof. RNDr. Ján Turňa, CSc.					