

Course descriptions

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COURSE DESCRIPTION

Academic year: 2023/2024					
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: 68					
A	B	C	D	E	FX
10,29	11,76	36,76	26,47	14,71	0,0
Lecturers: Ing. Marcela Bielíková, PhD., prof. RNDr. Hana Drahovská, PhD., doc. Mgr. Andrej Fícek, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 72					
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, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 32					
A	B	C	D	E	FX
96,88	0,0	0,0	3,13	0,0	0,0
Lecturers: doc. RNDr. Ján Krahulec, PhD., doc. RNDr. Jozef Grones, CSc.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 104					
A	B	C	D	E	FX
5,77	13,46	20,19	21,15	28,85	10,58
Lecturers: prof. RNDr. Hana Drahovská, PhD., doc. Mgr. Andrea Šoltýsová, PhD., doc. Mgr. Andrej Ficek, PhD., RNDr. Ján Radvánszky, PhD., Mgr. Zdenko Levarski, PhD.					
Last change: 24.07.2022					
Approved by:					

STATE EXAM DESCRIPTION

Academic year: 2023/2024	
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:	

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 100					
A	B	C	D	E	FX
9,0	14,0	31,0	26,0	17,0	3,0
Lecturers: prof. RNDr. Ján Turňa, CSc., doc. RNDr. Stanislav Stuchlík, PhD., prof. RNDr. Hana Drahovská, PhD., Mgr. Michal Kajsik, PhD., doc. RNDr. Andrej Dudáš, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 99					
A	B	C	D	E	FX
92,93	6,06	1,01	0,0	0,0	0,0
Lecturers: prof. RNDr. Ján Turňa, CSc., doc. RNDr. Stanislav Stuchlík, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 97					
A	B	C	D	E	FX
11,34	13,4	18,56	30,93	24,74	1,03
Lecturers: prof. RNDr. Ján Turňa, CSc., doc. RNDr. Stanislav Stuchlík, PhD., doc. RNDr. Andrej Dudáš, PhD., doc. RNDr. Martin Kolísek, Dr.rer.nat, doc. MUDr. Ing. Peter Celec, DrSc.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 97					
A	B	C	D	E	FX
91,75	5,15	3,09	0,0	0,0	0,0
Lecturers: prof. RNDr. Ján Turňa, CSc., doc. RNDr. Stanislav Stuchlík, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1110					
A	B	C	D	E	FX
75,23	11,17	5,95	2,79	0,81	4,05
Lecturers: doc. RNDr. Radoslav Beňuš, PhD., Mgr. Silvia Bodoriková, PhD., RNDr. Michaela Dörnhöferová, PhD.					
Last change: 07.11.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 20					
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, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 29					
A	B	C	D	E	FX
27,59	27,59	10,34	13,79	6,9	13,79
Lecturers: prof. RNDr. Ján Turňa, CSc., doc. RNDr. Ján Krahulec, PhD., doc. RNDr. Stanislav Stuchlík, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 26					
A	B	C	D	E	FX
92,31	0,0	0,0	0,0	0,0	7,69
Lecturers: prof. RNDr. Ján Turňa, CSc., doc. RNDr. Ján Krahulec, PhD., doc. RNDr. Stanislav Stuchlík, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 24					
A	B	C	D	E	FX
12,5	50,0	25,0	0,0	12,5	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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 8					
A	B	C	D	E	FX
87,5	0,0	12,5	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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 32					
A	B	C	D	E	FX
21,88	34,38	25,0	6,25	12,5	0,0
Lecturers: Mgr. Ľuboš Kľučár, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 23					
A	B	C	D	E	FX
95,65	0,0	0,0	0,0	0,0	4,35
Lecturers: Mgr. Karin Rózsová Wolfová					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-mXCJ-080/22		Course title: Deutsch für Naturwissenschaftler A2 (začiatočníci)			
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: 15					
A	B	C	D	E	FX
93,33	0,0	0,0	0,0	0,0	6,67
Lecturers: Mgr. Karin Rózsová Wolfová					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-mXCJ-079/22		Course title: Deutsch für Naturwissenschaftler B1 (pokročilí)			
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: 15					
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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KJ/N-mXCJ-081/22		Course title: Deutsch für Naturwissenschaftler B2 (pokročilí)			
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: 6					
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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 173					
A	B	C	D	E	FX
87,28	10,4	1,16	0,0	0,0	1,16
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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 155					
A	B	C	D	E	FX
85,16	11,61	1,29	0,65	0,0	1,29
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:					

COURSE DESCRIPTION

Academic year: 2023/2024	
University: Comenius University Bratislava	
Faculty: Faculty of Natural Sciences	
Course ID: PriF.KGe/N-mBGE-130/22	Course title: Frontiers in genetics and molecular biology/Aktuálne výzvy genetiky a molekulárnej biológie
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.	
Educational level: II.	
Prerequisites:	
Course requirements: Active participation at the sessions, discussions within the group of students and with the teacher. At the end of the course the student will write a short minireview on the topic selected from those discussed during the semester. The minireview will be handed to the teacher in an electronic form one week prior the oral exam, i.e. discussion about the minireview and the chosen topic. Weights of the parts of the exam: 50% minireview – 50% oral exam. For passing the exam it is necessary to gain at least 50% of the points. Grading: 60-69 % = E; 69-77 % = D; 77-85 % = C; 85-92 % = B; 92-100 % = A. The course is provided on-site. If on-site form is not possible, the course will be provided online.	
Learning outcomes: Active participation at the sessions, discussions within the group of students and with the teacher. At the end of the course the student will write a short minireview on the topic selected from those discussed during the semester. The minireview will be handed to the teacher in an electronic form one week prior the oral exam, i.e. discussion about the minireview and the chosen topic. Weights of the parts of the exam: 50% minireview – 50% oral exam. For passing the exam it is necessary to gain at least 50% of the points. Grading: 51-60%=E; 61-70%=D; 71-80%=C; 81-90%=B; 91-100%=A. The course is provided on-site. If on-site form is not possible, the course will be provided online.	
Class syllabus: As a source of the presentations, we will employ a web portal iBiology.org, containing a large database of exciting talks from prominent speakers (including Nobel prize winners). The talks are separated into 2-3 parts, and they are usually accompanied by English subtitles that make it easier to follow the speaker. The first part presents a general introduction into the field, the subsequent parts are dedicated to the experimental results usually leading to important discoveries. The teacher will provide links to the corresponding talks. The students will be asked to watch the first (general) part at home. Teacher will post a list of questions related to the talk before the corresponding session. It is expected that the students will prepare their own list of questions. At the beginning of each session the whole group will watch the second part of the talk (30-45 min depending on the talk). Then the students will discuss their questions and comments within	

groups (3-6 students per group, 15 min). The teacher will then moderate the discussion and answer students' questions (if possible). Combining all the above activities will have at least two major benefits: We will (1) learn new things from contemporary molecular and cell biology and (2) train the discussion in scientific English. The course will employ a combination of five essential learning tools: (1) choice; (2) collaboration; (3) communication; (4) critical thinking; and (at least to some extent) (5) creativity. Examples of the topics: The molecular biology of gene regulation; Mechanisms of chromosomal DNA replication; Epigenetics: Why your DNA isn't enough; Consequences of aneuploidy; Protein folding, prions and disease; Self-organization in biology; The evolutionary design of proteins; Telomeres and human disease; Protein localisation inside cells; Understanding cell shape; mTOR and the regulation of growth; Cell cycle regulation; The spatial organization of bacterial cells; Mitochondria, metabolism, and cell behavior; The secretory pathway; The ubiquitin-proteasome system; Kinetochore and chromosome segregation; Yeast sex; The genetic basis of evolutionary change in morphology; Genetics of aging; Neurodegenerative disease: The coming epidemic; Genes, the brain, and behavior.

Recommended literature:

Alberts, B., Johnson, A., Lewis, J., Raff, M., Roberts, K., Walter, P. (2008). Molecular Biology of the Cell, 5th Edition, Garland Publishing.

Lodish, H., Berk, A., Keiser, C.A., Krieger, M., Scott, M.P., Bretcher, A., Ploegh, H., Matsudaira, P. (2007). Molecular Cell Biology. 6th Edition, W.H. Freeman.

Educational portal: www.ibiology.org

The web site of the Nobel Prize: www.nobelprize.org

Languages necessary to complete the course:

English

Notes:

The additional material for the course is available at moodle.uniba.sk. The online discussions, if necessary, will be held in a dedicated MS Teams course. The course replaces Introduction to Molecular Biology.

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: prof. RNDr. Ľubomír Tomáška, DrSc.

Last change: 22.09.2022

Approved by:

COURSE DESCRIPTION

Academic year: 2023/2024					
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.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 1092					
A	B	C	D	E	FX
93,86	0,92	0,0	0,0	0,0	5,22
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.					
Last change: 15.05.2021					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024	
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. 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: 40 <table border="1"> <thead> <tr> <th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>FX</th></tr> </thead> <tbody> <tr> <td>30,0</td><td>32,5</td><td>15,0</td><td>10,0</td><td>5,0</td><td>7,5</td></tr> </tbody> </table>						A	B	C	D	E	FX	30,0	32,5	15,0	10,0	5,0	7,5
A	B	C	D	E	FX												
30,0	32,5	15,0	10,0	5,0	7,5												
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., prof. RNDr. Ľubomír Tomáška, DrSc., doc. RNDr. Ivan Valent, CSc., doc. Mgr. Tomáš Vinař, PhD.																	
Last change: 07.10.2022																	
Approved by:																	

COURSE DESCRIPTION

Academic year: 2023/2024					
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.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 94					
A	B	C	D	E	FX
79,79	4,26	5,32	1,06	1,06	8,51
Lecturers: Mgr. Rastislav Cákoci, PhD., RNDr. Katarína Danielová, PhD., doc. RNDr. Daniel Gurňák, PhD., doc. RNDr. František Križan, PhD., Mgr. Michala Sládeková Madajová, PhD., RNDr. Angelika Švecová, PhD., Mgr. Martin Šveda, PhD., prof. RNDr. Ladislav Tolmáči, PhD., RNDr. Mgr. Anna Tolmáči, PhD., Mgr. Gabriel Zubriczký, PhD., Mgr. Filip Šandor, PhD.					
Last change: 15.05.2021					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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.					
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
86,36	0,0	0,0	0,0	11,36	2,27
Lecturers: prof. RNDr. Roman Aubrecht, Dr., prof. Mgr. Natália Hlavatá Hudáčková, PhD., doc. RNDr. Jozef Hók, CSc., prof. RNDr. Michal Kováč, DrSc., RNDr. Alexander Lačný, PhD., doc. RNDr. Jana Fridrichová, PhD., RNDr. Ondrej Nemec, PhD.					
Last change: 20.01.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 808					
A	B	C	D	E	FX
90,72	0,0	0,37	0,0	0,0	8,91
Lecturers: doc. RNDr. Katarína Pavličková, CSc., prof. RNDr. Pavel Dlapa, PhD., RNDr. Martina Zvaríková, PhD., doc. RNDr. Ľubomír Jurkovič, PhD.					
Last change: 09.11.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 27					
A	B	C	D	E	FX
92,59	0,0	0,0	0,0	0,0	7,41
Lecturers: RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD., RNDr. Hubert Žarnovičan, PhD.					
Last change: 24.08.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 12					
A	B	C	D	E	FX
91,67	0,0	0,0	0,0	0,0	8,33
Lecturers: RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD., RNDr. Hubert Žarnovičan, PhD.					
Last change: 24.08.2022					
Approved by:					

STATE EXAM DESCRIPTION

Academic year: 2023/2024	
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:	

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 15					
A	B	C	D	E	FX
93,33	0,0	0,0	0,0	0,0	6,67
Lecturers: doc. Mgr. Andrej Ficek, PhD., Mgr. Marián Baldovič, PhD., doc. Mgr. Andrea Šoltýsová, PhD.					
Last change: 24.07.2022					
Approved by:					

STATE EXAM DESCRIPTION

Academic year: 2023/2024	
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:	

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 101					
A	B	C	D	E	FX
25,74	11,88	20,79	18,81	12,87	9,9
Lecturers: doc. Mgr. Andrej Ficek, PhD., prof. RNDr. Ľudevít Kádaši, DrSc., doc. Mgr. Andrea Šoltýsová, PhD., Mgr. Marián Baldovič, PhD., doc. MUDr. Ing. Peter Celec, DrSc., RNDr. Ján Radvánszky, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 85					
A	B	C	D	E	FX
72,94	23,53	2,35	0,0	0,0	1,18
Lecturers: doc. RNDr. Stanislav Stuchlík, PhD., Mgr. Lenka Levarská, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 956					
A	B	C	D	E	FX
90,06	0,1	0,0	0,0	0,1	9,73
Lecturers: RNDr. Martina Zvaríková, PhD., prof. RNDr. Pavel Dlapa, PhD., RNDr. Malvína Reiffers Čierniková, PhD., prof. RNDr. Elena Masarovičová, DrSc., 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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 39					
A	B	C	D	E	FX
28,21	35,9	25,64	7,69	2,56	0,0
Lecturers: prof. RNDr. Ján Turňa, CSc., doc. RNDr. Tomáš Szemes, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 87					
A	B	C	D	E	FX
33,33	26,44	19,54	10,34	10,34	0,0
Lecturers: doc. RNDr. Tomáš Szemes, PhD., prof. RNDr. Ján Turňa, CSc.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 72					
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, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 72					
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, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 67					
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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 67					
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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 69					
A	B	C	D	E	FX
73,91	23,19	0,0	0,0	0,0	2,9
Lecturers: prof. RNDr. Hana Drahovská, PhD., RNDr. Anna Belicová, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 66					
A	B	C	D	E	FX
87,88	7,58	3,03	1,52	0,0	0,0
Lecturers: prof. RNDr. Hana Drahovská, PhD., RNDr. Anna Belicová, PhD.					
Last change: 24.07.2022					
Approved by:					

STATE EXAM DESCRIPTION

Academic year: 2023/2024	
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:	

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 35					
A	B	C	D	E	FX
25,71	11,43	22,86	20,0	2,86	17,14
Lecturers: prof. RNDr. Helena Bujdáková, CSc., Mgr. Barbora Radochová, PhD.					
Last change: 13.09.2022					
Approved by:					

STATE EXAM DESCRIPTION

Academic year: 2023/2024	
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:	

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 65					
A	B	C	D	E	FX
21,54	26,15	16,92	13,85	18,46	3,08
Lecturers: prof. RNDr. Hana Drahovská, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 8					
A	B	C	D	E	FX
87,5	0,0	0,0	12,5	0,0	0,0
Lecturers: prof. RNDr. Tibor Hianik, DrSc.					
Last change: 09.11.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 9					
A	B	C	D	E	FX
55,56	0,0	11,11	11,11	22,22	0,0
Lecturers: doc. MUDr. Ing. Peter Celec, DrSc., Mgr. Emese Renczés, PhD., Mgr. Veronika Borbélyová, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 86					
A	B	C	D	E	FX
30,23	50,0	11,63	6,98	1,16	0,0
Lecturers: doc. RNDr. Stanislav Stuchlík, PhD., doc. Mgr. Ivana Shawkatová, PhD., prof. RNDr. Hana Drahovská, PhD., Mgr. Lenka Levarská, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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.					
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
27,78	41,67	13,89	2,78	0,0	13,89
Lecturers: doc. RNDr. Martin Putala, CSc., prof. RNDr. Ivan Černušák, DrSc., doc. RNDr. Erik Rakovský, PhD., Mgr. Peter Hrobárik, PhD., doc. RNDr. Oľga Roskopfová, 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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 240					
A	B	C	D	E	FX
92,5	0,0	0,0	0,0	0,0	7,5
Lecturers: doc. RNDr. Marek Mentel, PhD., Mgr. Filip Brázdovič, PhD., Mgr. Andrea Cillingová, PhD., prof. RNDr. Anton Horváth, CSc., Mgr. Stanislav Huszár, PhD., Mgr. Petra Chovančíková, PhD., prof. RNDr. Marta Kollárová, DrSc., doc. RNDr. Jana Korduláková, PhD., prof. RNDr. Katarína Mikušová, DrSc., Ing. Martina Neboháčová, PhD., doc. Mgr. Peter Polčic, PhD., RNDr. Ingrid Sveráková, PhD., doc. RNDr. Igor Zeman, PhD., Mgr. Júlia Zemanová, PhD.					
Last change: 19.09.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 26					
A	B	C	D	E	FX
15,38	23,08	19,23	3,85	34,62	3,85
Lecturers: doc. RNDr. Ján Krahulec, PhD., Mgr. Eva Struhárňanská, PhD., doc. RNDr. Stanislav Stuchlík, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 18					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Ján Krahulec, PhD., Mgr. Eva Struhárňanská, PhD., doc. RNDr. Stanislav Stuchlík, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 176					
A	B	C	D	E	FX
97,73	0,57	0,57	0,0	0,0	1,14
Lecturers: Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Széllová, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová					
Last change: 01.08.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 219					
A	B	C	D	E	FX
95,89	0,46	0,0	0,91	0,46	2,28
Lecturers: Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová					
Last change: 01.08.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 242					
A	B	C	D	E	FX
96,69	0,41	0,0	0,0	0,0	2,89
Lecturers: Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová					
Last change: 01.08.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 245					
A	B	C	D	E	FX
97,55	0,0	0,41	0,0	0,0	2,04
Lecturers: Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová					
Last change: 01.08.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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.					
Prerequisites:					
Course requirements:					
Learning outcomes:					
Class syllabus:					
Recommended literature:					
Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 840					
A	B	C	D	E	FX
63,81	24,4	6,19	0,0	2,38	3,21
Lecturers: Ing. Mgr. Eva Zahradníková, PhD., doc. Mgr. Katarína Mišíková, PhD., doc. RNDr. Jana Ščevková, PhD.					
Last change: 30.08.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 7					
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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 78					
A	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0
Lecturers: doc. RNDr. Jozef Grönes, CSc., prof. RNDr. Hana Drahovská, PhD., doc. RNDr. Andrej Dudáš, PhD., Ing. Marcela Bielíková, PhD., doc. RNDr. Ján Krahulec, PhD., doc. Mgr. Andrej Fícek, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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.					
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
84,48	0,0	0,0	0,0	0,0	15,52
Lecturers: Mgr. Rastislav Cákoci, PhD., RNDr. Katarína Danielová, PhD., doc. RNDr. Daniel Gurňák, PhD., doc. RNDr. František Križan, PhD., Mgr. Michala Sládeková Madajová, PhD., RNDr. Angelika Švecová, PhD., 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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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.					
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
77,3	7,57	4,32	3,24	1,08	6,49
Lecturers: doc. RNDr. Renáta Fláková, 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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 98					
A	B	C	D	E	FX
10,2	33,67	36,73	14,29	5,1	0,0
Lecturers: doc. RNDr. Jozef Grones, CSc.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 95					
A	B	C	D	E	FX
29,47	18,95	18,95	20,0	8,42	4,21
Lecturers: doc. Mgr. Andrea Šoltýsová, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 35					
A	B	C	D	E	FX
88,57	0,0	0,0	0,0	0,0	11,43
Lecturers: PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová					
Last change: 01.08.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 71					
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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 80					
A	B	C	D	E	FX
98,75	0,0	0,0	0,0	0,0	1,25
Lecturers: doc. RNDr. Stanislav Stuchlík, PhD., doc. RNDr. Andrej Dudáš, PhD., Mgr. Michal Kajsik, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 99					
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, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 98					
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, PhD.					
Last change: 24.07.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 37					
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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-mUXX-204/22		Course title: Summer Physical-Education Training			
Educational activities: Type of activities: other Number of hours: per week: per level/semester: 7d 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: 18					
A	B	C	D	E	FX
83,33	0,0	0,0	0,0	0,0	16,67
Lecturers: Mgr. Kristína Vanýšková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová					
Last change: 01.08.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 41					
A	B	C	D	E	FX
70,73	9,76	9,76	7,32	2,44	0,0
Lecturers: prof. RNDr. Marian Masár, PhD., Mgr. Jasna Hradski, PhD.					
Last change: 30.09.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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.					
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
62,16	14,59	4,32	1,08	0,54	17,3
Lecturers: doc. Mgr. Peter Vďačný, PhD.					
Last change: 07.11.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 82					
A	B	C	D	E	FX
86,59	4,88	2,44	3,66	0,0	2,44
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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 73					
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:					

COURSE DESCRIPTION

Academic year: 2023/2024					
University: Comenius University Bratislava					
Faculty: Faculty of Natural Sciences					
Course ID: PriF.KTV/N-mUXX-203/22		Course title: Winter Physical-Education Training			
Educational activities: Type of activities: other Number of hours: per week: per level/semester: 7d 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: 45					
A	B	C	D	E	FX
84,44	0,0	0,0	0,0	0,0	15,56
Lecturers: Mgr. Martin Mokošák, PhD., PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová					
Last change: 01.08.2022					
Approved by:					

COURSE DESCRIPTION

Academic year: 2023/2024					
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: 70					
A	B	C	D	E	FX
82,86	0,0	0,0	0,0	0,0	17,14
Lecturers: PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, PaedDr. Simona Rášiová					
Last change: 01.08.2022					
Approved by:					