

Course descriptions

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COURSE DESCRIPTION

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|---|-------|--|------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KAlCh/N-bCAL-044/22 | | Course title: Analytical Chemistry (1) | | | |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 2 per level/semester: 52 / 26 Form of the course: on-site learning | | | | | |
| Number of credits: 6 | | | | | |
| Recommended semester: 4. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: PriF.KAgCh/N-bCXX-010/22 - General Chemistry | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 120 | | | | | |
| A | B | C | D | E | FX |
| 21,67 | 11,67 | 16,67 | 12,5 | 25,0 | 12,5 |
| Lecturers: doc. RNDr. Róbert Bodor, PhD., doc. RNDr. Radoslav Halko, PhD. | | | | | |
| Last change: 07.02.2024 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-------|---|-------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KAICh/N-bCAL-046/22 | | Course title: Analytical Chemistry Practicals (1) | | | |
| 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: 5 | | | | | |
| Recommended semester: 4. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: PriF.KAICh/N-bCXX-006/22 - Laboratory Technique | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 118 | | | | | |
| A | B | C | D | E | FX |
| 33,05 | 19,49 | 25,42 | 11,86 | 4,24 | 5,93 |
| Lecturers: RNDr. Peter Troška, PhD., Mgr. Jasna Hradski, PhD., RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD. | | | | | |
| Last change: 07.02.2024 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | |
|--|---|
| Academic year: 2024/2025 | |
| University: Comenius University Bratislava | |
| Faculty: Faculty of Natural Sciences | |
| Course ID: PriF.KBCh/N-bCBI-021/22 | Course title: Bachelor Thesis in Biochemistry (1) |
| Educational activities: Type of activities: practicals / seminar Number of hours: per week: 1 / 2 per level/semester: 13 / 26 Form of the course: on-site learning | |
| Type, volume, methods and workload of the student - additional information Form of Study: practical training / seminar Number of contact hours: per week: 1/2 per level/semester: 13 / 26 Form of the course: on-site learning, remote | |
| Number of credits: 3 | |
| Recommended semester: 5. | |
| Educational level: I. | |
| Prerequisites: | |
| Course requirements: The course consists of two blocks: (i) seminars, focused on the analysis of selected original scientific publications and bachelor's theses defended in the Biochemistry study program, their presentation and discussion; (ii) practical training, in which students will elaborate seminar tasks aimed at working with information resources and specialised software. The practicals will end with a written test. The evaluation will take into account the activity of students in seminars (66%) and practicals (33%) as follows: A - excellent results, B - above average work, C - ordinary reliable work, D - acceptable results, E - results meeting the minimum criteria , Fx - insufficient results (if a student gives an unacceptably poor performance corresponding to less than 60% of the maximum). | |
| Learning outcomes: After completing the course, students will gain experience in working with scientific literature in the field of biochemistry and related scientific disciplines. They will get acquainted with information resources and tools for their processing (search and scientometric evaluation of publications), with work with citation tools, with displaying and evaluation of experimental results. They will learn the basics of processing bioinformatic and biological data and the use of appropriate databases. They will get acquainted with the basics of professional presentation, as well as professional and formal requirements that are placed on the final theses and their defense in the bachelor's degree program of Biochemistry. They will learn to process knowledge in the form of research, present an overview of scientific work in writing and through a lecture. | |
| Class syllabus: 1) Professional and formal requirements for bachelor theses. 2) Basics of processing and presentation of an overview of scientific literature as well as original scientific results. | |

- 3) Searching and working with scientific literature. Evaluation of the quality of information resources.
- 4) Available office tools and citation tools to facilitate work with scientific literature.
- 5) Work with databases focusing on biochemistry and related scientific disciplines.
- 6) Processing and graphic design of scientific results for the needs of the final work and publication in a scientific journal.
- 7) Presentations of selected original scientific publications related to the topic of the bachelor thesis.

Recommended literature:

Citation tool Mendeley.

External electronic resources (e.g. SCOPUS, Web of Knowledge, PubMed).

Meaux S. Using color in scientific figures (online).

Tools and databases offered by the National Center for Biotechnology Information (NCBI) and European Bioinformatics Institute (EMBL-EBI).

Original scientific publications selected according to the topic of the bachelor thesis.

Rougier N.P, Droettboom M., Bourne P.E. (2014) Ten Simple Rules for Better Figures. PLOS Computational Biology 10(9): e1003833.

Guidelines for final theses at Comenius University in Bratislava.

Smith, A. - Creating effective scientific figures for publication (online).

Šesták, Z. (2000) How to write and lecture about science (in Czech), Academia.

Matthews, J.R., Bowen, J.M., Matthews, R.W. (2000). Successful scientific writing (A step-by-step guide for biological and medical sciences), Cambridge University Press, 2nd edition.

Languages necessary to complete the course:

Slovak in combination with English (literature in English and Czech)

Notes:

Past grade distribution

Total number of evaluated students: 40

| A | B | C | D | E | FX |
|------|-----|-----|-----|-----|-----|
| 90,0 | 7,5 | 0,0 | 0,0 | 0,0 | 2,5 |

Lecturers: Mgr. Stanislav Huszár, PhD., Mgr. Filip Brázdovič, PhD., doc. Mgr. Peter Polčic, PhD., prof. RNDr. Jozef Nosek, DrSc.

Last change: 07.10.2022

Approved by: prof. RNDr. Jozef Nosek, DrSc.

COURSE DESCRIPTION

| | |
|---|---|
| Academic year: 2024/2025 | |
| University: Comenius University Bratislava | |
| Faculty: Faculty of Natural Sciences | |
| Course ID: PriF.KBCh/N-bCBI-022/22 | Course title: Bachelor Thesis in Biochemistry (2) |
| Educational activities: Type of activities: seminar 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: seminar Number of contact hours: per week: 2 per level/semester: 22 Form of the course: on-site learning, remote | |
| Number of credits: 2 | |
| Recommended semester: 6. | |
| Educational level: I. | |
| Prerequisites: PriF.KBCh/N-bCBI-020/22 - Principles of Cell Biology | |
| Course requirements: Activities related to the preparation of a bachelor thesis in the conditions of individualized teaching. Analysis and processing of selected original scientific publications, resp. own scientific results related to the topic of the bachelor thesis. Preparation of bachelor thesis and formulation of its conclusions. The evaluation will be given as follows: A - excellent results, B - above-average work, C - normal reliable work, D - acceptable results, E - results meeting the minimum criteria, Fx - insufficient results (if the student gives an unacceptably poor performance corresponding to less than 60% of the maximum performance). | |
| Learning outcomes: Development of special knowledge of students needed to master the professional issues defined by the topic of the bachelor thesis in close cooperation with the teacher and student. Students will learn to search for and analyze knowledge from scientific literature, interpret and discuss scientific results, and process them into a written bachelor thesis. | |
| Class syllabus: | |
| Recommended literature: Original and review scientific publications recommended by the supervisor according to the topic of the bachelor thesis. | |
| Languages necessary to complete the course: Slovak in combination with English (literature in English) | |
| Notes: the course is provided only in the summer semester | |

Past grade distribution

Total number of evaluated students: 40

| A | B | C | D | E | FX |
|------|-----|-----|-----|------|-----|
| 70,0 | 7,5 | 5,0 | 2,5 | 10,0 | 5,0 |

Lecturers: doc. RNDr. Marek Mentel, PhD., Mgr. Filip Brázdovič, PhD., Mgr. Andrea Cillingová, PhD., prof. RNDr. Anton Horváth, CSc., Mgr. Petra Chovančíková, PhD., Mgr. Stanislav Huszár, PhD., prof. RNDr. Marta Kollárová, DrSc., doc. RNDr. Jana Korduláková, PhD., prof. RNDr. Katarína Mikušová, DrSc., Ing. Martina Neboháčová, PhD., prof. RNDr. Jozef Nosek, DrSc., doc. Mgr. Peter Polčic, PhD., Ing. Pavol Sulo, CSc., RNDr. Ingrid Sveráková, PhD., doc. RNDr. Igor Zeman, PhD., Mgr. Júlia Zemanová, PhD.

Last change: 07.10.2022**Approved by:** prof. RNDr. Jozef Nosek, DrSc.

STATE EXAM DESCRIPTION

| | |
|--|---|
| Academic year: 2024/2025 | |
| University: Comenius University Bratislava | |
| Faculty: Faculty of Natural Sciences | |
| Course ID: PriF.KBCh/N-bOBH-102/22 | Course title: Bachelor's Thesis Defence |
| Number of credits: 8 | |
| Educational level: I. | |
| State exam syllabus: | |
| Last change: 07.11.2022 | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | |

STATE EXAM DESCRIPTION

| | |
|--|---|
| Academic year: 2024/2025 | |
| University: Comenius University Bratislava | |
| Faculty: Faculty of Natural Sciences | |
| Course ID: PriF.KAlCh/N-bOBH-101/22 | Course title: Bachelor's Thesis Defence in Analytical Chemistry |
| Number of credits: 8 | |
| Educational level: I. | |
| State exam syllabus: | |
| Last change: 30.09.2022 | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | |

STATE EXAM DESCRIPTION

| | |
|--|--|
| Academic year: 2024/2025 | |
| University: Comenius University Bratislava | |
| Faculty: Faculty of Natural Sciences | |
| Course ID: PriF.KAgCh/N-bOBH-101/22 | Course title: Bachelor's Thesis Defence in Inorganic Chemistry |
| Number of credits: 8 | |
| Educational level: I. | |
| State exam syllabus: | |
| Last change: 27.07.2022 | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | |

STATE EXAM DESCRIPTION

| | |
|--|---|
| Academic year: 2024/2025 | |
| University: Comenius University Bratislava | |
| Faculty: Faculty of Natural Sciences | |
| Course ID: PriF.KJCh/N-bOBH-101/22 | Course title: Bachelor's Thesis Defence in Nuclear chemistry and Radioecology |
| Number of credits: 8 | |
| Educational level: I. | |
| State exam syllabus: | |
| Last change: 10.10.2022 | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | |

STATE EXAM DESCRIPTION

| | |
|--|---|
| Academic year: 2024/2025 | |
| University: Comenius University Bratislava | |
| Faculty: Faculty of Natural Sciences | |
| Course ID: PriF.KFTCh/N-bOBH-101/22 | Course title: Bachelor's Thesis Defence in Physical Chemistry |
| Number of credits: 8 | |
| Educational level: I. | |
| State exam syllabus: | |
| Last change: 04.11.2022 | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | |

STATE EXAM DESCRIPTION

| | |
|--|--|
| Academic year: 2024/2025 | |
| University: Comenius University Bratislava | |
| Faculty: Faculty of Natural Sciences | |
| Course ID: PriF.KFTCh/N-bOBH-102/22 | Course title: Bachelor's Thesis Defence in Physical Chemistry in Theoretical and Computational Chemistry |
| Number of credits: 8 | |
| Educational level: I. | |
| State exam syllabus: | |
| Last change: 04.11.2022 | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | |

STATE EXAM DESCRIPTION

| | |
|--|---|
| Academic year: 2024/2025 | |
| University: Comenius University Bratislava | |
| Faculty: Faculty of Natural Sciences | |
| Course ID: PriF.KOrCh/N-bOBH-101/22 | Course title: Bachelor's Thesis in Organic and Bioorganic Chemistry Defence |
| Number of credits: 8 | |
| Educational level: I. | |
| State exam syllabus: | |
| Last change: 07.11.2022 | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|--|------|------|------|
| Academic year: 2024/2025 | | | | | |
| 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., 5. | | | | | |
| 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: 1253 | | | | | |
| A | B | C | D | E | FX |
| 68,08 | 10,38 | 6,78 | 5,75 | 4,79 | 4,23 |
| Lecturers: doc. RNDr. Radoslav Beňuš, PhD., Mgr. Silvia Bodoriková, PhD., RNDr. Michaela Dörnhöferová, PhD. | | | | | |
| Last change: 07.11.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|--|-------|-------|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KBCh/N-bCXX-018/22 | | Course title: Biochemistry (1) | | | |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 2 per level/semester: 52 / 26 Form of the course: on-site learning | | | | | |
| Number of credits: 6 | | | | | |
| Recommended semester: 3. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 131 | | | | | |
| A | B | C | D | E | FX |
| 15,27 | 17,56 | 16,79 | 17,56 | 16,03 | 16,79 |
| Lecturers: prof. RNDr. Katarína Mikušová, DrSc., doc. RNDr. Marek Mentel, PhD., Mgr. Júlia Zemanová, PhD., Mgr. Barbora Bučková, PhD., Mgr. Petra Chovančíková, PhD. | | | | | |
| Last change: 08.08.2025 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|------|--|------|-------|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KBCh/N-bCXX-019/22 | | Course title: Biochemistry (2) | | | |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 2 per level/semester: 52 / 26 Form of the course: on-site learning | | | | | |
| Number of credits: 6 | | | | | |
| Recommended semester: 4. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 75 | | | | | |
| A | B | C | D | E | FX |
| 17,33 | 20,0 | 14,67 | 9,33 | 17,33 | 21,33 |
| Lecturers: prof. RNDr. Katarína Mikušová, DrSc., doc. RNDr. Jana Korduláková, PhD., doc. Mgr. Peter Polčic, PhD., Mgr. Stanislav Huszár, PhD., Mgr. Petra Chovančíková, PhD., Ing. Martina Neboháčová, PhD., Mgr. Júlia Zemanová, PhD. | | | | | |
| Last change: 02.09.2024 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-------|---|-------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KBCh/N-bCXX-020/22 | | Course title: Biochemistry Practicals | | | |
| 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: 5 | | | | | |
| Recommended semester: 3. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 123 | | | | | |
| A | B | C | D | E | FX |
| 26,02 | 34,15 | 25,2 | 10,57 | 0,81 | 3,25 |
| Lecturers: doc. Mgr. Peter Polčic, PhD. | | | | | |
| Last change: 12.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|--|-------|-------|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KBCh/N-bCBI-019/22 | | Course title: Biochemistry and Cell Biology Laboratory | | | |
| Educational activities: Type of activities: practicals Number of hours: per week: 8 per level/semester: 104 Form of the course: on-site learning | | | | | |
| Number of credits: 8 | | | | | |
| Recommended semester: 6. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: PriF.KBCh/N-bCXX-018/22 - Biochemistry (1) | | | | | |
| 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 |
| 7,69 | 25,64 | 33,33 | 12,82 | 20,51 | 0,0 |
| Lecturers: Ing. Martina Neboháčová, PhD., Mgr. Stanislav Huszár, PhD., doc. RNDr. Igor Zeman, PhD., Mgr. Júlia Zemanová, PhD., Mgr. Barbora Bučková, PhD. | | | | | |
| Last change: 08.08.2025 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|--|-------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KAgCh/N-bCXX-009/22 | | Course title: Bioinorganic Chemistry | | | |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning | | | | | |
| Number of credits: 3 | | | | | |
| Recommended semester: 4. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 12,9 | 35,48 | 22,58 | 16,13 | 9,68 | 3,23 |
| Lecturers: RNDr. Marcel Zámocký, DrSc. | | | | | |
| Last change: 17.10.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|---|-----|-----|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KFTCh/N-bCFZ-041/22 | | Course title: Biophysical Chemistry | | | |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning | | | | | |
| Number of credits: 3 | | | | | |
| Recommended semester: 5. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 51,43 | 22,86 | 22,86 | 0,0 | 0,0 | 2,86 |
| Lecturers: doc. RNDr. Ivan Valent, CSc. | | | | | |
| Last change: 04.11.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-------|--------------------------------------|-------|-------|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KFR/N-bBXX-068/22 | | Course title: Cell Biology | | | |
| 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: 4 | | | | | |
| Recommended semester: 1. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 826 | | | | | |
| A | B | C | D | E | FX |
| 9,32 | 17,68 | 24,94 | 20,22 | 16,71 | 11,14 |
| Lecturers: doc. Mgr. Michal Martinka, PhD., prof. RNDr. Helena Bujdáková, CSc., prof. Mgr. Iveta Herichová, DrSc., doc. RNDr. Martin Mrva, PhD., doc. Mgr. Ľuboš Molčan, PhD., doc. Mgr. Renáta Švubová, PhD., doc. Mgr. Boris Bokor, PhD., doc. Mgr. Viktor Demko, PhD., RNDr. Jana Kohanová, PhD., doc. RNDr. Zuzana Lukačová, PhD. | | | | | |
| Last change: 15.07.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|---|-------|--|-------|-------|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KAgCh/N-bCXX-002/22 | | Course title: Chemical Calculation (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: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 276 | | | | | |
| A | B | C | D | E | FX |
| 15,22 | 14,13 | 18,12 | 17,75 | 14,13 | 20,65 |
| Lecturers: doc. RNDr. Jozef Tatiersky, PhD., doc. Mgr. Olivier Monfort, PhD. | | | | | |
| Last change: 14.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|--|------|--|-------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KAgCh/N-bCAG-005/22 | | Course title: Chemical Calculation (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: 2. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 45,71 | 8,57 | 8,57 | 11,43 | 5,71 | 20,0 |
| Lecturers: doc. RNDr. Jozef Tatiersky, PhD., RNDr. Ján Šimunek, PhD. | | | | | |
| Last change: 14.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|---|-----|--|-----|-----|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJCh/N-bCXX-007/22 | | Course title: Chemical Excursion | | | |
| Educational activities: Type of activities: practice Number of hours: per week: per level/semester: 3d Form of the course: on-site learning | | | | | |
| Number of credits: 1 | | | | | |
| Recommended semester: 4. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 92,65 | 0,0 | 0,0 | 0,0 | 0,0 | 7,35 |
| Lecturers: Mgr. Roman Bystrický, PhD., prof. RNDr. Michal Galamboš, PhD., RNDr. Robert Kubinec, CSc., Mgr. Martin Motola, PhD., Mgr. Tibor Peňaška, PhD., doc. RNDr. Ivan Valent, CSc. | | | | | |
| Last change: 15.12.2023 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|------|--|-------|------|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJCh/N-bCJD-043/22 | | Course title: Chemical Legislation | | | |
| 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., 6. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 26,67 | 6,67 | 20,0 | 26,67 | 6,67 | 13,33 |
| Lecturers: doc. RNDr. Oľga Rosskopfová, PhD. | | | | | |
| Last change: 10.10.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|---|-------|--|-----|------|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KFTCh/N-bCXX-022/22 | | Course title: Chemical Structure | | | |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning | | | | | |
| Number of credits: 3 | | | | | |
| Recommended semester: 4., 6. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 75 | | | | | |
| A | B | C | D | E | FX |
| 29,33 | 33,33 | 22,67 | 8,0 | 6,67 | 0,0 |
| Lecturers: prof. RNDr. Vladimír Kellö, DrSc., prof. RNDr. Ivan Černušák, DrSc. | | | | | |
| Last change: 19.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|--|-----|---|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KAgCh/N-bCAG-016/22 | | Course title: Colloquium in Inorganic Chemistry | | | |
| 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: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 1 | | | | | |
| A | B | C | D | E | FX |
| 100,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Lecturers: doc. Mgr. Olivier Monfort, PhD. | | | | | |
| Last change: 17.10.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|---|-------|---|------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJ/N-bXCJ-132/22 | | Course title: ESP 1/English for Specific 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: 3. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 547 | | | | | |
| A | B | C | D | E | FX |
| 72,76 | 16,09 | 4,75 | 1,83 | 1,46 | 3,11 |
| Lecturers: PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slovákova, PhD., Mgr. Simona Dobiašová, PhD. | | | | | |
| Last change: 26.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|---|-------|---|-----|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJ/N-bXCJ-133/22 | | Course title: ESP 2/English for Specific 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: 4. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 455 | | | | | |
| A | B | C | D | E | FX |
| 82,2 | 11,65 | 3,08 | 1,1 | 0,44 | 1,54 |
| Lecturers: PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slovákova, PhD., Mgr. Simona Dobiašová, PhD. | | | | | |
| Last change: 26.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|--|-------|---|------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJ/N-bXCJ-134/22 | | Course title: ESP 3/English for Specific 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: 5. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 382 | | | | | |
| A | B | C | D | E | FX |
| 79,84 | 13,35 | 2,88 | 0,52 | 0,79 | 2,62 |
| Lecturers: PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slovákova, PhD. | | | | | |
| Last change: 26.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|--|-------|---|------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJ/N-bXCJ-135/22 | | Course title: ESP 4/English for Specific 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: 6. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 254 | | | | | |
| A | B | C | D | E | FX |
| 80,31 | 12,99 | 3,94 | 1,18 | 0,39 | 1,18 |
| Lecturers: PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slovákova, PhD. | | | | | |
| Last change: 26.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|--|------|---|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KBCh/N-bCBI-024/22 | | Course title: Elective Exercise in Biochemistry | | | |
| Educational activities: Type of activities: practice Number of hours: per week: per level/semester: 1t Form of the course: on-site learning | | | | | |
| Number of credits: 2 | | | | | |
| Recommended semester: 4. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 25 | | | | | |
| A | B | C | D | E | FX |
| 64,0 | 24,0 | 0,0 | 4,0 | 0,0 | 8,0 |
| Lecturers: Mgr. Petra Chovančíková, PhD. | | | | | |
| Last change: 13.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|---|-----|--|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KBCh/N-bCBI-025/22 | | Course title: Elective Laboratory Practice in Biochemistry | | | |
| Educational activities: Type of activities: practice Number of hours: per week: per level/semester: 2t Form of the course: on-site learning | | | | | |
| Number of credits: 4 | | | | | |
| Recommended semester: 4. | | | | | |
| Educational level: I. | | | | | |
| 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: prof. RNDr. Katarína Mikušová, DrSc. | | | | | |
| Last change: 27.07.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|--|-----|--|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KOrCh/N-bCXX-022/22 | | Course title: Elective Practice from Chemistry | | | |
| 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: 5 | | | | | |
| Recommended semester: 3., 5. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 100,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Lecturers: doc. RNDr. Martin Putala, CSc., RNDr. Jana Chrappová, PhD., prof. RNDr. Marian Masár, PhD., doc. Mgr. Michal Pitoňák, PhD., prof. RNDr. Michal Galamboš, PhD. | | | | | |
| Last change: 27.07.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-------|---|------|------|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF-FMFI.KMANM/N- bCXX-017/15 | | Course title: Elective Seminar in Mathematics | | | |
| 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: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 311 | | | | | |
| A | B | C | D | E | FX |
| 49,2 | 18,65 | 6,75 | 7,72 | 8,68 | 9,0 |
| Lecturers: doc. PaedDr. Klára Velmovská, PhD., PaedDr. Barbora Gejdošová, PhD., PaedDr. Ladislav Janiga, PhD., PaedDr. Silvia Novotná, PhD., Mgr. Laura Caban | | | | | |
| Last change: 17.10.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-------|---|------|-----|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJCh/N-bCJD-037/22 | | Course title: Elective Seminar in Nuclear chemistry | | | |
| Educational activities: Type of activities: seminar Number of hours: per week: 1 per level/semester: 13 Form of the course: on-site learning | | | | | |
| Number of credits: 1 | | | | | |
| Recommended semester: 4. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 118 | | | | | |
| A | B | C | D | E | FX |
| 76,27 | 11,86 | 8,47 | 1,69 | 0,0 | 1,69 |
| Lecturers: RNDr. Katarína Cifraničová, doc. RNDr. Eva Viglašová, PhD. | | | | | |
| Last change: 10.10.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|---|-------|---|-------|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KOrCh/N-bCXX-025/23 | | Course title: Elective Seminar on Mechanisms of Organic Reactions | | | |
| 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: I. | | | | | |
| Prerequisites: PriF.KOrCh/N-bCXX-048/22 - Organic Chemistry 2 | | | | | |
| 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 |
| 24,32 | 35,14 | 21,62 | 18,92 | 0,0 | 0,0 |
| Lecturers: doc. RNDr. Martin Putala, CSc., Mgr. Ambroz Almássy, PhD., Mgr. Peter Šramel, PhD., Ing. Michal Májek, PhD. | | | | | |
| Last change: | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|---|-------|---|------|-------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KOrCh/N-bCOR-001/22 | | Course title: Elective Seminar on Organic Chemistry | | | |
| 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: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 206 | | | | | |
| A | B | C | D | E | FX |
| 36,89 | 13,59 | 13,11 | 9,71 | 10,19 | 16,5 |
| Lecturers: doc. Ing. Mária Mečiarová, PhD., doc. RNDr. Peter Magdolen, PhD., RNDr. Viera Poláčková, PhD., Mgr. Henrieta Stankovičová, PhD., Mgr. Tibor Peňaška, PhD., Mgr. Dominika Mravcová, PhD., Mgr. Viktória Némethová, PhD., Mgr. Bernard Mravec, PhD. | | | | | |
| Last change: 25.07.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|------|---|------|------|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KOrCh/N-bCOR-008/22 | | Course title: Elective Seminar on Organic Synthesis | | | |
| 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: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 84 | | | | | |
| A | B | C | D | E | FX |
| 47,62 | 8,33 | 13,1 | 8,33 | 5,95 | 16,67 |
| Lecturers: doc. Ing. Mária Mečiarová, PhD., Mgr. Henrieta Stankovičová, PhD. | | | | | |
| Last change: 25.07.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-----|---|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KAlCh/N-bCXX-043/22 | | Course title: Environmental Chemistry | | | |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning | | | | | |
| Number of credits: 3 | | | | | |
| Recommended semester: 4., 6. | | | | | |
| Educational level: I. | | | | | |
| 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: doc. RNDr. Radoslav Halko, PhD., RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD. | | | | | |
| Last change: 26.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-------|--|-------|-------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KGe/N-bBGE-012/22 | | Course title: Evolutionary 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: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 589 | | | | | |
| A | B | C | D | E | FX |
| 5,77 | 18,51 | 24,62 | 22,75 | 22,07 | 6,28 |
| Lecturers: prof. RNDr. Ľubomír Tomáška, DrSc., RNDr. Regina Sepšiová, PhD., doc. Mgr. Peter Mikulíček, PhD., doc. Mgr. Peter Vďačný, PhD., doc. RNDr. Ján Radvánszky, PhD., doc. RNDr. Marek Mentel, PhD. | | | | | |
| Last change: 22.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-------|---|-------|------|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJCh/N-bCJD-042/22 | | Course title: Exercise in Nuclear chemistry | | | |
| 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: 5 | | | | | |
| Recommended semester: 2. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 143 | | | | | |
| A | B | C | D | E | FX |
| 23,78 | 27,27 | 20,28 | 16,08 | 8,39 | 4,2 |
| Lecturers: RNDr. Matej Krivošík, PhD., RNDr. Dominik Juračka | | | | | |
| Last change: 28.03.2023 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|--|------|--|------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KFTCh/N-bCXX-026/22 | | Course title: Exercise in Physical Chemistry (1) | | | |
| 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: 5 | | | | | |
| Recommended semester: 3. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: PriF.KAlCh/N-bCXX-006/22 - Laboratory Technique | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 121 | | | | | |
| A | B | C | D | E | FX |
| 89,26 | 2,48 | 0,83 | 0,83 | 0,83 | 5,79 |
| Lecturers: doc. RNDr. Ivan Valent, CSc., doc. Mgr. Pavel Neogrády, DrSc., Mgr. Daniel Furka, PhD., Mgr. Samuel Furka, PhD., Mgr. Táňa Sebechlebská, PhD. | | | | | |
| Last change: 19.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-----|--|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJ/N-bXCJ-136/22 | | Course title: Fachdeutsch in Naturwissenschaften 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: 5. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 100,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Lecturers: Mgr. Karin Rózsová Wolfová | | | | | |
| Last change: 23.07.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|--|-----|--|-----|-----|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJ/N-bXCJ-137/22 | | Course title: Fachdeutsch in Naturwissenschaften 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: 6. | | | | | |
| Educational level: I. | | | | | |
| 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: 23.07.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | |
|---|---|
| Academic year: 2024/2025 | |
| University: Comenius University Bratislava | |
| Faculty: Faculty of Natural Sciences | |
| Course ID: PriF/N-bCXX-019/22 | Course title: Fundamentals of Physics for Chemistry |
| Educational activities: Type of activities: lecture / seminar 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: 1. | |
| Educational level: I. | |
| Prerequisites: | |
| Course requirements: continuous assessment: controlled test in the middle of the semester, final assessment: written test, Indicative rating scale: A 95%, B 90%, C 80%, D 70%, E 60%. Credits will not be awarded to a student who obtains a grade of less than 60%. Scale of assessment (preliminary/final): 20/80 | |
| Learning outcomes: Extension and deepening of knowledge from selected parts of high school physics so that the student can use the acquired knowledge in solving physics problems and reach the required entry level required for the subject Physics for Chemistry in next term. | |
| Class syllabus: System of SI units, dimensional analysis. necessary mathematical apparatus, point mass and determination of its position in 1D, 2D, 3D; Mass point motions: velocity, acceleration, force, Newton's laws of dynamics. circular motion, oscillations and waves. Kinetic and potential energy, momentum, work, power, conservation laws in mechanics, torque, pressure, hydrostatics, hydrodynamics. Temperature, heat, gas statistics, thermodynamics. Gravitational field, Kepler's laws. Electric field, Coulomb's law, intensity and potential of el. field, el. voltage, homogeneous el. field, el. current and resistance. Magnetic field - a vector of magnetic induction, the force acting on an electric charge (current) in a magnetic field, electromagnetic induction, electromagnetic radiation, | |
| Recommended literature: | |
| Languages necessary to complete the course: Slovak in combination with English (study literature also in English) | |
| Notes: The elective course is provided only in the winter semester and runs concurrently for students of chemistry, biochemistry and medical biology. | |

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|---|-------|-------|-------|------|------|
| Past grade distribution | | | | | |
| Total number of evaluated students: 71 | | | | | |
| A | B | C | D | E | FX |
| 22,54 | 35,21 | 22,54 | 12,68 | 4,23 | 2,82 |
| Lecturers: doc. RNDr. Tomáš Roch, Dr. techn. | | | | | |
| Last change: 18.10.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|------|---|-------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KGe/N-bCXX-008/22 | | Course title: General 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: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 215 | | | | | |
| A | B | C | D | E | FX |
| 58,6 | 9,77 | 10,23 | 10,23 | 8,84 | 2,33 |
| Lecturers: prof. RNDr. Ľubomír Tomáška, DrSc. | | | | | |
| Last change: 14.07.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|---|-------|---|-------|------|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KAgCh/N-bCXX-010/22 | | Course title: General Chemistry | | | |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 2 per level/semester: 52 / 26 Form of the course: on-site learning | | | | | |
| Number of credits: 6 | | | | | |
| Recommended semester: 1. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 184 | | | | | |
| A | B | C | D | E | FX |
| 13,04 | 19,57 | 21,2 | 23,91 | 9,24 | 13,04 |
| Lecturers: prof. RNDr. Jozef Noga, DrSc., RNDr. Ján Šimunek, PhD., Mgr. Martin Motola, PhD. | | | | | |
| Last change: 27.07.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|---|-----|----------------------------------|-------|-------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KGe/N-bBXX-037/22 | | Course title: Genetics | | | |
| 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: 4 | | | | | |
| Recommended semester: 1. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 203 | | | | | |
| A | B | C | D | E | FX |
| 6,9 | 6,9 | 18,72 | 22,17 | 25,62 | 19,7 |
| Lecturers: doc. RNDr. Eliška Gálová, PhD., Mgr. Stanislav Kyzek, PhD., Mgr. Filip Červenák, PhD., Mgr. Ivana Kyzeková, PhD., Mgr. Katarína Procházková, PhD., prof. RNDr. Ľubomír Tomáška, DrSc., doc. RNDr. Vladimíra Džugasová, PhD., prof. RNDr. Andrea Ševčovičová, PhD., Mgr. Andrea Valentová, Mgr. Lucia Mentelová, PhD., Mgr. Veronika Vozáriková, PhD., Mgr. Kristína Mariničová, Mgr. Nina Mayerová, PhD., Mgr. Terézia Hromádková | | | | | |
| Last change: 22.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|--|------|---|-----|-----|------|
| Academic year: 2024/2025 | | | | | |
| 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., 6. | | | | | |
| 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: 1468 | | | | | |
| A | B | C | D | E | FX |
| 94,01 | 0,68 | 0,0 | 0,0 | 0,0 | 5,31 |
| 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: 15.08.2025 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|------|---|------|------|------|
| Academic year: 2024/2025 | | | | | |
| 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., 6. | | | | | |
| 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: 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. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-----|---|-----|------|------|
| Academic year: 2024/2025 | | | | | |
| 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., 6. | | | | | |
| 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: 57 | | | | | |
| A | B | C | D | E | FX |
| 89,47 | 0,0 | 0,0 | 0,0 | 8,77 | 1,75 |
| Lecturers: prof. RNDr. Roman Aubrecht, Dr., prof. Mgr. Natália Hlavatá Hudáčková, PhD., doc. RNDr. Jozef Hók, CSc., prof. RNDr. Michal Kováč, DrSc., doc. RNDr. Alexander Lačný, PhD., doc. RNDr. Jana Fridrichová, PhD., RNDr. Ondrej Nemeč, PhD. | | | | | |
| Last change: 20.01.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-----|---|-----|-----|------|
| Academic year: 2024/2025 | | | | | |
| 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., 6. | | | | | |
| 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: 1121 | | | | | |
| A | B | C | D | E | FX |
| 90,45 | 0,0 | 0,27 | 0,0 | 0,0 | 9,28 |
| 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. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-----|--|-----|-----|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KEM/N-bXXX-001/22 | | 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: I. | | | | | |
| 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 |
| 96,49 | 0,0 | 0,0 | 0,0 | 0,0 | 3,51 |
| Lecturers: RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., RNDr. Hubert Žarnovičan, PhD., Mgr. Martin Šebesta, PhD. | | | | | |
| Last change: 22.08.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-----|--|-----|-----|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KEM/N-bXXX-002/22 | | 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: I. | | | | | |
| 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 |
| 92,41 | 0,0 | 0,0 | 0,0 | 0,0 | 7,59 |
| Lecturers: RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD., RNDr. Hubert Žarnovičan, PhD. | | | | | |
| Last change: 22.08.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|------|--|-----|-----|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KAlCh/N-bCXX-008/22 | | Course title: Identification and Quantification of Chemical Substances | | | |
| 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: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 16 | | | | | |
| A | B | C | D | E | FX |
| 87,5 | 6,25 | 0,0 | 0,0 | 0,0 | 6,25 |
| Lecturers: doc. RNDr. Andrea Vojs Staňová, PhD., doc. RNDr. Róbert Góra, PhD., doc. RNDr. Róbert Bodor, PhD., prof. RNDr. Marian Masár, PhD., doc. RNDr. Radoslav Halko, PhD. | | | | | |
| Last change: 30.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-----|------------------------------------|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KMV/N-bBXX-030/22 | | Course title: 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: 2 | | | | | |
| Recommended semester: 4. | | | | | |
| Educational level: I. | | | | | |
| 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: doc. RNDr. Miroslava Šupolíková, PhD., doc. RNDr. Tatiana Betáková, DrSc. | | | | | |
| Last change: 12.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|------|---|-----|------|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KAlCh/N-bCAL-037/22 | | Course title: Introduction to Mass Spectrometry | | | |
| 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: 5. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 25,0 | 50,0 | 0,0 | 0,0 | 25,0 | 0,0 |
| Lecturers: doc. RNDr. Andrea Vojs Staňová, PhD. | | | | | |
| Last change: 30.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|--|------|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KFTCh/N_bCFZ-042/22 | | Course title: Introduction to Mathematical Processing of Chemical Data | | | |
| 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: 4. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 58,62 | 20,69 | 17,24 | 3,45 | 0,0 | 0,0 |
| Lecturers: doc. Mgr. Michal Pitoňák, PhD., doc. Ing. Roman Szücs, PhD. | | | | | |
| Last change: 17.10.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|--|------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KAlCh/N-bCXX-006/22 | | Course title: Laboratory Technique | | | |
| 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: I. | | | | | |
| 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 |
| 52,94 | 32,62 | 7,49 | 1,07 | 1,07 | 4,81 |
| Lecturers: doc. RNDr. Radoslav Halko, PhD., RNDr. Jana Chrappová, PhD., doc. RNDr. Monika Jerigová, PhD., RNDr. Viera Poláčková, PhD., Mgr. Henrieta Stankovičová, PhD., RNDr. Eva Noskovičová, PhD., Mgr. Peter Šramel, PhD., Mgr. Tibor Peňaška, PhD., Mgr. Dominika Lacušková, RNDr. Katarína Chovancová, PhD., doc. Mgr. Olivier Monfort, PhD. | | | | | |
| Last change: 25.07.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|-------------------------------|------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJ/N-bXCJ-138/22 | | Course title: Latin | | | |
| 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., 2.. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 374 | | | | | |
| A | B | C | D | E | FX |
| 59,63 | 19,79 | 7,75 | 3,48 | 2,41 | 6,95 |
| Lecturers: Mgr. Ivan Lábaj, PhD., RNDr. Tatiana Slováková, PhD. | | | | | |
| Last change: 07.11.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|------|---|-----|------|------|
| Academic year: 2024/2025 | | | | | |
| 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., 5. | | | | | |
| 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: 1306 | | | | | |
| A | B | C | D | E | FX |
| 90,28 | 0,38 | 0,0 | 0,0 | 0,08 | 9,26 |
| Lecturers: doc. 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: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|------|---|-------|-------|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF/N-bCXX-150/22 | | Course title: Mathematics for the Chemistry | | | |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 3 per level/semester: 52 / 39 Form of the course: on-site learning | | | | | |
| Number of credits: 7 | | | | | |
| Recommended semester: 1. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 193 | | | | | |
| A | B | C | D | E | FX |
| 10,88 | 9,84 | 8,81 | 16,58 | 29,02 | 24,87 |
| Lecturers: PaedDr. Barbora Gejdošová, PhD., RNDr. Kristína Rostás, PhD., PaedDr. Silvia Novotná, PhD., Mgr. Daša Červeňová, Mgr. Patrik Rezák | | | | | |
| Last change: 17.10.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|---|-------|-------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KBCh/N-bCBI-015/22 | | Course title: Methods in Biochemistry | | | |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 Form of the course: on-site learning | | | | | |
| Number of credits: 4 | | | | | |
| Recommended semester: 5. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 26,87 | 10,45 | 20,9 | 10,45 | 25,37 | 5,97 |
| Lecturers: Ing. Pavol Sulo, CSc., Mgr. Stanislav Huszár, PhD. | | | | | |
| Last change: 08.08.2025 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|------|--|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KOrCh/N-bCXX-023/22 | | Course title: Methods in Chemical Research | | | |
| Educational activities: Type of activities: lecture Number of hours: per week: 1 per level/semester: 13 Form of the course: on-site learning | | | | | |
| Number of credits: 1 | | | | | |
| Recommended semester: 6. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 50,0 | 25,0 | 25,0 | 0,0 | 0,0 | 0,0 |
| Lecturers: doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Martin Putala, CSc., doc. RNDr. Erik Rakovský, PhD., doc. RNDr. Monika Jerigová, PhD. | | | | | |
| Last change: 07.08.2025 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | |
|---|---|
| Academic year: 2024/2025 | |
| University: Comenius University Bratislava | |
| Faculty: Faculty of Natural Sciences | |
| Course ID: PriF.KBCh/N-bCBI-023/22 | Course title: Methods in Molecular and Cell Biology |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 Form of the course: on-site learning | |
| Type, volume, methods and workload of the student - additional information Form of Study: lecture / seminar Number of contact hours: per week: 2/2 per level/semester: 22 / 22 Form of the course: on-site learning, remote | |
| Number of credits: 4 | |
| Recommended semester: 6. | |
| Educational level: I. | |
| Prerequisites: | |
| Course requirements: There will be regular written tests during the semester. Credits will not be awarded to a student who gets less than 60% of the total marks in these tests. The subject will be completed by oral exam. The evaluation will be awarded as follows: A - excellent results, B - above average work, C - normal reliable work, D - acceptable results, E - results meeting the minimum criteria, Fx - insufficient results (unacceptably weak knowledge corresponding to less than 60% of the required subject range). Scale of assessment (preliminary/final): 0 / 100 | |
| Learning outcomes: After completing the course, students will have an overview of key methods and experimental approaches used in molecular and cell biology. | |
| Class syllabus: Principles of preparation of recombinant DNA molecules. Construction of gene libraries (genomic and cDNA). Properties and types of vectors. Recombinant selection and analysis. Enzymes in recombinant DNA techniques. Nucleic acid hybridization and preparation of molecular probes. Labeling of DNA and RNA molecules, radioactive and non-radioactive techniques. Southern and Northern blotting, in situ hybridization, subtractive hybridization, PNA and antisense probes. DNA microchip technology. Polymerase chain reaction (PCR). Principle and variations of the technique: asymmetric PCR, inverse PCR, reverse transcriptase PCR, quantitative PCR. Isothermal amplification of nucleic acids. Nucleic acid sequencing. First, second and third generation sequencing technologies. | |

In vitro and in vivo mutagenesis. Methods of site-directed mutagenesis and its practical use. Gene disruptions and gene replacements.
 Molecular evolution in vitro. Preparation of aptamers and nucleic acids with catalytic activity in vitro. SELEX.
 Principles of heterologous gene expression. Expression systems. Host strains. DNA transfer techniques into cells. Preparation of recombinant proteins.
 Methods for isolation and investigation of proteins (electrophoretic methods, native and denaturing electrophoresis, isoelectric focusing, chromatographic methods, Western blotting, immunological methods).
 Methods of protein interaction analysis (DNA-protein, RNA-protein, protein-protein: DNase I footprinting, gel retardation, NC filter binding assay, one-, two- and three-hybrid system, reverse two-hybrid system, chemical crosslinking).
 Microscopic methods (light, fluorescence and electron microscopy, use of green fluorescent protein).

Recommended literature:

Watson et al. (2007) Recombinant DNA: Genes and Genomes – A short course. 3rd edition. CSHL Press.
 Alberts et al. (2014) Molecular Biology of the Cell, Garland Science.
 Lodish et al. (2016) Molecular Cell Biology. 8th Edition, W. H. Freeman and Company.

Languages necessary to complete the course:

Slovak in combination with English (textbooks in English)

Notes:

Past grade distribution

Total number of evaluated students: 97

| A | B | C | D | E | FX |
|-------|-------|-------|------|------|------|
| 50,52 | 20,62 | 15,46 | 7,22 | 5,15 | 1,03 |

Lecturers: doc. Mgr. Peter Polčic, PhD., Ing. Martina Neboháčová, PhD., prof. RNDr. Jozef Nosek, DrSc., Mgr. Katarína Procházková, PhD.

Last change: 07.10.2022

Approved by: prof. RNDr. Jozef Nosek, DrSc.

COURSE DESCRIPTION

| | | | | | |
|---|-------|---|------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KMV/N-bCXX-009/22 | | Course title: Microbiology and Virology | | | |
| 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: 4 | | | | | |
| Recommended semester: 3. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 205 | | | | | |
| A | B | C | D | E | FX |
| 37,07 | 30,24 | 14,15 | 8,78 | 6,83 | 2,93 |
| Lecturers: prof. RNDr. Helena Bujdáková, CSc., prof. RNDr. Yveta Gbelská, CSc., doc. RNDr. Katarína Šoltys, PhD., doc. RNDr. Miroslava Šupolíková, PhD., RNDr. Kamila Koči, PhD., PhDr. Eva Nováková, doc. RNDr. Nora Tóth Hervay, PhD., RNDr. Jana Blaškovičová, PhD. | | | | | |
| Last change: 12.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-------|---|-------|------|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KOrCh/N-bBXX-026/22 | | Course title: Natural Compounds | | | |
| 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 | | | | | |
| Type, volume, methods and workload of the student - additional information Forma výučby: prednáška / seminár Odporúčaný rozsah výučby (v hodinách): Týždenný: 1 h / 1 h Za obdobie štúdia: 13 h / 13 h Metóda štúdia: prezenčná | | | | | |
| Number of credits: 2 | | | | | |
| Recommended semester: 3. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 32,65 | 22,45 | 12,24 | 12,24 | 8,16 | 12,24 |
| Lecturers: Mgr. Ambroz Almássy, PhD. | | | | | |
| Last change: 14.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-----|---|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KOrCh/N-bCOR-023/22 | | Course title: New Trends in Organic Chemistry | | | |
| 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: I. | | | | | |
| Prerequisites: PriF.KOrCh/N-bCXX-047/22 - Organic Chemistry 1 | | | | | |
| 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 |
| 100,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Lecturers: doc. RNDr. Martin Putala, CSc., doc. RNDr. Andrej Boháč, CSc., doc. RNDr. Peter Magdolen, PhD., RNDr. Marek Cigáň, PhD., Mgr. Henrieta Stankovičová, PhD., prof. Mgr. Radovan Šebesta, DrSc., doc. Ing. Mária Mečiarová, PhD., Mgr. Peter Šramel, PhD., Mgr. Tibor Peňaška, PhD. | | | | | |
| Last change: 21.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-----|---|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.LPM/N-bLPM-049/22 | | Course title: Nové trendy v materiálovej chémii | | | |
| 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: I. | | | | | |
| 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: RNDr. Milan Sýkora, PhD., MBA, Mgr. Roman Bystrický, PhD., doc. Mgr. Olivier Monfort, PhD., Mgr. Martin Motola, PhD., prof. RNDr. Gustáv Plesch, DrSc. | | | | | |
| Last change: 06.11.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|---|-------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJCh/N-bCJD-029/22 | | Course title: Nuclear chemistry 1 | | | |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning | | | | | |
| Number of credits: 3 | | | | | |
| Recommended semester: 2. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 150 | | | | | |
| A | B | C | D | E | FX |
| 14,0 | 10,67 | 22,0 | 17,33 | 24,0 | 12,0 |
| Lecturers: prof. RNDr. Michal Galamboš, PhD., doc. RNDr. Eva Viglašová, PhD. | | | | | |
| Last change: 17.04.2023 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-------|--|-----|-----|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KAlCh/N-bCXX-018/22 | | Course title: Optional Seminar in Analytical Chemistry | | | |
| Educational activities: Type of activities: seminar Number of hours: per week: 1 per level/semester: 13 Form of the course: on-site learning | | | | | |
| Number of credits: 1 | | | | | |
| Recommended semester: 4. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 86,67 | 12,38 | 0,0 | 0,0 | 0,0 | 0,95 |
| Lecturers: doc. RNDr. Róbert Bodor, PhD., doc. RNDr. Radoslav Halko, PhD. | | | | | |
| Last change: 12.12.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-------|---|-----|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KAgCh/N-bCAG-023/22 | | Course title: Optional Seminar in Inorganic Chemistry | | | |
| 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: I. | | | | | |
| 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 |
| 42,22 | 15,56 | 26,67 | 0,0 | 6,67 | 8,89 |
| Lecturers: RNDr. Jana Chrappová, PhD. | | | | | |
| Last change: 09.10.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-----|---|-------|-------|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KOrCh/N-bCXX-047/22 | | Course title: Organic Chemistry 1 | | | |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 2 per level/semester: 52 / 26 Form of the course: on-site learning | | | | | |
| Number of credits: 6 | | | | | |
| Recommended semester: 2. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: PriF.KAgCh/N-bCXX-010/22 - General Chemistry | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 179 | | | | | |
| A | B | C | D | E | FX |
| 15,64 | 6,7 | 10,61 | 10,06 | 20,11 | 36,87 |
| Lecturers: RNDr. Viera Poláčková, PhD., doc. RNDr. Peter Magdolen, PhD., Mgr. Henrieta Stankovičová, PhD., doc. Ing. Mária Mečiarová, PhD., Mgr. Tibor Peňaška, PhD., Mgr. Dominika Mravcová, PhD., Mgr. Viktória Némethová, PhD., Mgr. Bernard Mravec, PhD. | | | | | |
| Last change: 22.08.2023 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-------|---|------|------|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KOrCh/N-bCXX-012/22 | | 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. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 34,62 | 38,46 | 3,85 | 3,85 | 3,85 | 15,38 |
| Lecturers: doc. RNDr. Martin Putala, CSc., doc. RNDr. Oľga Rosskopfová, PhD., prof. RNDr. Ivan Černušák, DrSc., Mgr. Peter Hrobárik, PhD., doc. RNDr. Erik Rakovský, PhD., prof. RNDr. Marian Masár, PhD., doc. Mgr. Peter Polčic, PhD., doc. RNDr. Radoslav Halko, PhD., Mgr. Táňa Sebechlebská, PhD., Ing. Darina Tóthová, CSc., doc. RNDr. Jana Korduláková, PhD., doc. RNDr. Andrej Boháč, CSc. | | | | | |
| Last change: 10.10.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-------|---|------|-----|-------|
| Academic year: 2024/2025 | | | | | |
| 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., 5. | | | | | |
| 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: 56 | | | | | |
| A | B | C | D | E | FX |
| 37,5 | 32,14 | 8,93 | 3,57 | 0,0 | 17,86 |
| 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. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-----|--|-----|-----|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KBCh/N-bCBI-003/22 | | 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. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 88,89 | 0,0 | 0,0 | 0,0 | 0,0 | 11,11 |
| 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. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-----|--|-----|-----|------|
| Academic year: 2024/2025 | | | | | |
| 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., 6. | | | | | |
| 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: 411 | | | | | |
| A | B | C | D | E | FX |
| 92,46 | 0,0 | 0,0 | 0,0 | 0,0 | 7,54 |
| 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. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | | |
|---|-----|---|------|------|-----|------|
| Academic year: 2024/2025 | | | | | | |
| University: Comenius University Bratislava | | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | | |
| Course ID: PriF.KFR/N-bBXX-002/22 | | Course title: Perspectives of Current 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: 2 | | | | | | |
| Recommended semester: 1. | | | | | | |
| Educational level: I. | | | | | | |
| Prerequisites: | | | | | | |
| Course requirements: | | | | | | |
| Learning outcomes: | | | | | | |
| Class syllabus: | | | | | | |
| Recommended literature: | | | | | | |
| Languages necessary to complete the course: | | | | | | |
| Notes: | | | | | | |
| Past grade distribution Total number of evaluated students: 828 | | | | | | |
| A | ABS | B | C | D | E | FX |
| 76,69 | 0,0 | 8,21 | 4,47 | 0,85 | 0,6 | 9,18 |
| Lecturers: doc. Mgr. Michal Martinka, PhD., prof. RNDr. Ľubomír Tomáška, DrSc., doc. RNDr. Radoslav Beňuš, PhD., prof. RNDr. Ján Turňa, CSc., prof. RNDr. Michal Zeman, DrSc., doc. Mgr. Peter Vďačný, PhD., doc. RNDr. Stanislav Stuchlík, CSc., prof. RNDr. Yveta Gbelská, CSc., doc. RNDr. Tomáš Derka, PhD., RNDr. Boris Klempa, DrSc., Ing. Mgr. Eva Zahradníková, PhD. | | | | | | |
| Last change: 01.08.2022 | | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|------|--|------|-----|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KFTCh/N-bCXX-025/22 | | Course title: Physical Chemistry 1 | | | |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 2 per level/semester: 52 / 26 Form of the course: on-site learning | | | | | |
| Number of credits: 6 | | | | | |
| Recommended semester: 3. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: PriF.KAgCh/N-bCXX-010/22 - General Chemistry | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 125 | | | | | |
| A | B | C | D | E | FX |
| 24,8 | 19,2 | 22,4 | 12,0 | 8,8 | 12,8 |
| Lecturers: doc. RNDr. Ivan Valent, CSc., doc. Mgr. Pavel Neogrády, DrSc., prof. RNDr. Vladimír Kellö, DrSc., prof. RNDr. Juraj Bujdák, DrSc. | | | | | |
| Last change: 08.08.2025 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|------|--|------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KTV/N-bXTV-101/22 | | Course title: Physical Education 1 | | | |
| 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: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 1122 | | | | | |
| A | B | C | D | E | FX |
| 91,62 | 0,98 | 0,27 | 0,18 | 0,18 | 6,77 |
| Lecturers: Mgr. Kristína Vanýsková, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Denisa Strečanská, Mgr. Alexander Homer, Mgr. Peter Nehila, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD. | | | | | |
| Last change: 01.08.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|------|--|-----|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KTV/N-bXTV-102/22 | | Course title: Physical Education 2 | | | |
| 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: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 945 | | | | | |
| A | B | C | D | E | FX |
| 94,39 | 0,32 | 0,11 | 0,0 | 0,11 | 5,08 |
| Lecturers: Mgr. Kristína Vanýsková, 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, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD. | | | | | |
| Last change: 01.08.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|------|--|-----|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KTV/N-bXTV-103/22 | | Course title: Physical Education 3 | | | |
| 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: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 715 | | | | | |
| A | B | C | D | E | FX |
| 95,8 | 0,56 | 0,84 | 0,0 | 0,14 | 2,66 |
| Lecturers: Mgr. Kristína Vanýsková, 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, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD. | | | | | |
| Last change: 01.08.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|------|--|------|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KTV/N-bXTV-104/22 | | Course title: Physical Education 4 | | | |
| 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: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 759 | | | | | |
| A | B | C | D | E | FX |
| 96,18 | 0,53 | 0,13 | 0,26 | 0,0 | 2,9 |
| Lecturers: Mgr. Kristína Vanýsková, 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, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD. | | | | | |
| Last change: 01.08.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|------|--|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KTV/N-bXTV-105/22 | | Course title: Physical Education 5 | | | |
| 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: 5. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 551 | | | | | |
| A | B | C | D | E | FX |
| 96,73 | 0,36 | 0,0 | 0,0 | 0,0 | 2,9 |
| Lecturers: Mgr. Kristína Vanýsková, 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, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD. | | | | | |
| Last change: 01.08.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-----|--|-----|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KTV/N-bXTV-106/22 | | Course title: Physical Education 6 | | | |
| 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: 6. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 484 | | | | | |
| A | B | C | D | E | FX |
| 97,73 | 0,0 | 0,0 | 0,0 | 0,21 | 2,07 |
| Lecturers: Mgr. Kristína Vanýsková, 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, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD. | | | | | |
| Last change: 01.08.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|------|---|-------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF-FMFI.KEF/N- bCXX-016/15 | | Course title: Physics for the Chemistry | | | |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 4 / 3 per level/semester: 52 / 39 Form of the course: on-site learning | | | | | |
| Number of credits: 7 | | | | | |
| Recommended semester: 2. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 591 | | | | | |
| A | B | C | D | E | FX |
| 10,32 | 9,48 | 14,55 | 16,75 | 26,4 | 22,5 |
| Lecturers: prof. Dr. Štefan Matejčík, DrSc., doc. RNDr. Juraj Országh, PhD., doc. RNDr. Veronika Medvecká, PhD., doc. RNDr. Peter Papp, PhD., RNDr. Ladislav Moravský, PhD., doc. Mgr. Peter Čermák, PhD. | | | | | |
| Last change: 18.10.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|--|-----|------|------|
| Academic year: 2024/2025 | | | | | |
| 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., 5. | | | | | |
| 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: 1141 | | | | | |
| A | B | C | D | E | FX |
| 66,7 | 21,56 | 6,05 | 0,0 | 1,75 | 3,94 |
| 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. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-----|--|-----|-----|-------|
| Academic year: 2024/2025 | | | | | |
| 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., 5. | | | | | |
| 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: 77 | | | | | |
| A | B | C | D | E | FX |
| 85,71 | 0,0 | 0,0 | 0,0 | 1,3 | 12,99 |
| 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. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|------|--|------|------|------|
| Academic year: 2024/2025 | | | | | |
| 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., 5. | | | | | |
| 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: 386 | | | | | |
| A | B | C | D | E | FX |
| 76,68 | 9,84 | 4,4 | 1,55 | 0,52 | 6,99 |
| 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. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-----|---|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KBCh/N-bCBI-026/22 | | Course title: Practical for a Bachelor's Thesis in Biochemistry | | | |
| Educational activities: Type of activities: practicals Number of hours: per week: 7 per level/semester: 91 Form of the course: on-site learning | | | | | |
| Number of credits: 7 | | | | | |
| Recommended semester: 5. | | | | | |
| Educational level: I. | | | | | |
| 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: prof. RNDr. Katarína Mikušová, DrSc. | | | | | |
| Last change: 27.07.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-------|---|------|------|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KOrCh/N-bCXX-049/22 | | Course title: Practicals in Organic Chemistry (1) | | | |
| 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: 5 | | | | | |
| Recommended semester: 2. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: PriF.KAlCh/N-bCXX-006/22 - Laboratory Technique | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 161 | | | | | |
| A | B | C | D | E | FX |
| 45,96 | 18,63 | 16,15 | 3,11 | 4,97 | 11,18 |
| Lecturers: RNDr. Viera Poláčková, PhD., PharmDr. Ivica Sigmundová, PhD., Mgr. Bernard Mravec, PhD., Mgr. Lukáš Kerner, PhD., Ing. Tomáš Čarný, PhD., Mgr. Samuel Andrejčák, Mgr. Karin Schniererová | | | | | |
| Last change: 25.07.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | |
|--|--|
| Academic year: 2024/2025 | |
| University: Comenius University Bratislava | |
| Faculty: Faculty of Natural Sciences | |
| Course ID: PriF.KBCh/N-bCBI-020/22 | Course title: Principles of Cell Biology |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 26 / 26 Form of the course: on-site learning | |
| Number of credits: 4 | |
| Recommended semester: 5. | |
| Educational level: I. | |
| Prerequisites: | |
| Course requirements: There will be regular written tests during the semester. Credits will not be awarded to a student who gets less than 60% of the total marks in these tests. The subject will be completed by oral exam. The evaluation will be awarded as follows: A - excellent results, B - above average work, C - normal reliable work, D - acceptable results, E - results meeting the minimum criteria, Fx - insufficient results (unacceptably weak knowledge corresponding to less than 60% of the required subject range). Scale of assessment (preliminary/final): 0 /100 | |
| Learning outcomes: After completing the course, students will have an overview of the internal organization of prokaryotic and eukaryotic cells and the basic biological processes that take place in individual cell compartments. Emphasis is placed on the importance of biological membranes, intracellular compartmentalization and key molecular processes operating in cells. | |
| Class syllabus: Complex organization of eukaryotic cell. History and key discoveries of cell biology. Characteristic properties of eukaryotic cells. Comparison of ultrastructure of prokaryotic and eukaryotic cells. Importance of intracellular compartmentalization. The origin of the eukaryotic cell. The role of biological membranes in the eukaryotic cell. Membrane structure and function. Membrane transport. Vector processes bound to membranes. The role of membranes in nerve signal transmission. Cell nucleus. Ultrastructure and dynamics of the cell nucleus, nuclear membrane, nuclear pores, nucleolus. Chromosomes and chromosomal territories. Histones and histone-like proteins. Eukaryotic genome dynamics. Genome replication and repair. Transcription and principles of gene expression control. Levels of gene expression control in prokaryotic and eukaryotic cells. Transcriptional control and post-transcriptional RNA processing. Ribosome translation and function. Ribosome subunits. Ribosomal RNA and protein components of the ribosome. Basic steps in the regulation of proteosynthesis. Intracellular localization of proteosynthesis. Protein distribution in the cell. Posttranslational fate of proteins. | |

Mitochondria and chloroplasts. Ultrastructure and function of semiautonomous organelles. Specific roles of mitochondrial and chloroplast membranes. Organelle genomes. Oxidative phosphorylation. Photosynthesis-photophosphorylation.

Endoplasmic reticulum, Golgi apparatus. Structure and function. Smooth and rough endoplasmic reticulum, sarcoplasmic reticulum.

Vesicular transport. Role in protein distribution and transport in eukaryotic cells. Vacuoles, lysosomes and peroxisomes. Structure, function, biogenesis and distribution. Metabolism. Clinical significance of lysosomes and peroxisomes.

Cytoskeleton as a dynamic structure. Cytoskeletal components. Cytoskeleton as a motive system: vesicular transport, cell motility and cell division.

Cell surfaces. Cytoplasmic membrane and cell wall. Extracellular matrix. From individual cells to tissues and multicellular organisms.

Cells in a social context. Biofilms. Cells as part of tissues. Epithelium and intercellular connections. Quorum sensing. Intercellular communication and cell death.

Recommended literature:

Alberts et al. (2014) Molecular Biology of the Cell, Garland Science.
 Alberts et al. (2014) Essential Cell Biology, 5th edition, W. W. Norton & Company.
 Lodish et al. (2016) Molecular Cell Biology. 8th edition, W. H. Freeman and Company.

Languages necessary to complete the course:

Slovak in combination with English (textbooks in English)

Notes:

the course is provided only in the winter semester

Past grade distribution

Total number of evaluated students: 65

| A | B | C | D | E | FX |
|-------|-------|-------|-------|-------|------|
| 38,46 | 15,38 | 15,38 | 12,31 | 13,85 | 4,62 |

Lecturers: prof. RNDr. Jozef Nosek, DrSc., doc. Mgr. Peter Polčic, PhD.

Last change: 07.10.2022

Approved by: prof. RNDr. Jozef Nosek, DrSc.

COURSE DESCRIPTION

| | | | | | |
|--|-------|---|-------|-------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: LF-PriF.KBCh/N- bCBI-005/22 | | Course title: Principles of Functional 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: 6. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 10,26 | 12,82 | 10,26 | 17,95 | 43,59 | 5,13 |
| Lecturers: doc. RNDr. Monika Ďurfínová, PhD., prof. MUDr. Ladislav Turecký, CSc. | | | | | |
| Last change: 08.08.2025 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-------|---|-------|-------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF/N-bCXX-152/22 | | Course title: Repetitóriium stredoškolskej matematiky | | | |
| Educational activities: Type of activities: practice Number of hours: per week: per level/semester: 5d Form of the course: on-site learning | | | | | |
| Number of credits: 2 | | | | | |
| Recommended semester: 1. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 102 | | | | | |
| A | B | C | D | E | FX |
| 26,47 | 17,65 | 7,84 | 11,76 | 32,35 | 3,92 |
| Lecturers: doc. PaedDr. Klára Velmovská, PhD. | | | | | |
| Last change: 17.10.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-----|---------------------------------------|-----|-----|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KTV/N-bXTV-110/22 | | 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., 6. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 58,93 | 0,0 | 0,0 | 0,0 | 0,0 | 41,07 |
| Lecturers: 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, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD. | | | | | |
| Last change: 01.08.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|--|------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJ/N-bXCJ-128/22 | | Course title: Scientific English for Chemistry 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: 2. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 63,38 | 23,94 | 1,41 | 1,41 | 2,82 | 7,04 |
| Lecturers: Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD. | | | | | |
| Last change: 03.10.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|--|-----|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJ/N-bXCJ-129/22 | | Course title: Scientific English for Chemistry 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: 3. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 82,98 | 12,77 | 0,0 | 0,0 | 2,13 | 2,13 |
| Lecturers: Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD. | | | | | |
| Last change: 26.09.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|------|--|------|------|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KŽFE/N-bBFE-021/22 | | Course title: Selected chapters from Animal Physiology | | | |
| 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: 5. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 40 | | | | | |
| A | B | C | D | E | FX |
| 20,0 | 15,0 | 22,5 | 10,0 | 30,0 | 2,5 |
| Lecturers: prof. RNDr. Michal Zeman, DrSc., doc. Mgr. Monika Okuliarová, PhD. | | | | | |
| Last change: 01.08.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|------|---|------|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KAgCh/N-bCAG-015/22 | | Course title: Selected topics of coordination chemistry and stereochemistry | | | |
| 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: 4. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 50,0 | 20,0 | 10,0 | 20,0 | 0,0 | 0,0 |
| Lecturers: doc. RNDr. Jozef Tatiersky, PhD. | | | | | |
| Last change: 04.10.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-----|---|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KAlCh/N-bCAL-051/22 | | Course title: Seminar in Separation Methods | | | |
| Educational activities: Type of activities: seminar Number of hours: per week: 1 per level/semester: 13 Form of the course: on-site learning | | | | | |
| Number of credits: 1 | | | | | |
| Recommended semester: 6. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 16 | | | | | |
| A | B | C | D | E | FX |
| 100,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Lecturers: Mgr. Jasna Hradski, PhD., RNDr. Peter Troška, PhD., RNDr. Robert Kubinec, CSc., RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD. | | | | | |
| Last change: 07.08.2025 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|-----|---|-----|-----|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJ/N-bXCJ-142/24 | | 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., 5., 6.. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 51 | | | | | |
| A | B | C | D | E | FX |
| 84,31 | 9,8 | 0,0 | 0,0 | 0,0 | 5,88 |
| Lecturers: Mgr. Karin Rózsová Wolfová | | | | | |
| Last change: 05.09.2024 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|--|------|--|------|------|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.ULVG/N-bXXX-003/23 | | Course title: Soft-skills: Scientific Literacy and Communication in Natural Sciences | | | |
| Educational activities: Type of activities: lecture Number of hours: per week: 1 per level/semester: 13 Form of the course: on-site learning | | | | | |
| Number of credits: 1 | | | | | |
| Recommended semester: 1., 3., 5. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 190 | | | | | |
| A | B | C | D | E | FX |
| 67,89 | 5,26 | 5,26 | 4,74 | 3,16 | 13,68 |
| Lecturers: doc. RNDr. Martin Urik, PhD. | | | | | |
| Last change: 30.08.2023 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-----|--|-----|-----|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KTV/N-bXTV-108/22 | | Course title: Summer Physical-Education Training | | | |
| Educational activities: Type of activities: training session Number of hours: per week: per level/semester: 5d Form of the course: on-site learning | | | | | |
| Number of credits: 2 | | | | | |
| Recommended semester: 2., 4. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 225 | | | | | |
| A | B | C | D | E | FX |
| 68,0 | 0,0 | 0,0 | 0,0 | 0,0 | 32,0 |
| Lecturers: 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, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD. | | | | | |
| Last change: 01.08.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|---|-------|-------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KFTCh/N-bCXX-015/22 | | Course title: Theory of Chemical Bond | | | |
| Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 1 per level/semester: 26 / 13 Form of the course: on-site learning | | | | | |
| Number of credits: 3 | | | | | |
| Recommended semester: 3., 5. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 23,21 | 23,21 | 8,93 | 16,07 | 21,43 | 7,14 |
| Lecturers: prof. RNDr. Ivan Černušák, DrSc., prof. RNDr. Miroslav Urban, DrSc., Mgr. Michal Repiský, PhD. | | | | | |
| Last change: 29.07.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|---|------|------|-------|
| Academic year: 2024/2025 | | | | | |
| 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., 6. | | | | | |
| 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: 260 | | | | | |
| A | B | C | D | E | FX |
| 51,54 | 21,15 | 10,77 | 2,31 | 0,77 | 13,46 |
| Lecturers: doc. Mgr. Peter Vďačný, PhD. | | | | | |
| Last change: 07.11.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|------------------------------------|-----|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KOrCh/N-bCXX-046/22 | | Course title: Toxicology | | | |
| 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: 6. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 51 | | | | | |
| A | B | C | D | E | FX |
| 70,59 | 11,76 | 11,76 | 0,0 | 3,92 | 1,96 |
| Lecturers: Mgr. Henrieta Stankovičová, PhD., RNDr. Katarína Stebelová, PhD. | | | | | |
| Last change: 07.11.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|--|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJ/N-bXCJ-140/23 | | Course title: UNICert preparatory course 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: 5. | | | | | |
| Educational level: I. | | | | | |
| 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 |
| 89,02 | 10,98 | 0,0 | 0,0 | 0,0 | 0,0 |
| Lecturers: PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slováková, PhD. | | | | | |
| Last change: 01.08.2023 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|------|--|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KJ/N-bXCJ-141/23 | | Course title: UNICert preparatory course 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: 6. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 76 | | | | | |
| A | B | C | D | E | FX |
| 96,05 | 3,95 | 0,0 | 0,0 | 0,0 | 0,0 |
| Lecturers: Mgr. Barbara Kordíková, PhD., RNDr. Tatiana Slováková, PhD., Mgr. Aneta Barnes, Mgr. Lenka Jeleňová | | | | | |
| Last change: 01.08.2023 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-------|--|-----|-----|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KFTCh/N-bCFZ-044/24 | | Course title: Výberový seminár z fyzikálnej chémie | | | |
| 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: I. | | | | | |
| 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 |
| 55,26 | 31,58 | 7,89 | 0,0 | 0,0 | 5,26 |
| Lecturers: Mgr. Táňa Sebechlebská, PhD., Mgr. Daniel Furka, PhD., Mgr. Samuel Furka, PhD., doc. Mgr. Pavel Neogrády, DrSc. | | | | | |
| Last change: | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|---|-----|---|-----|-----|-----|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KFTCh/N-bCFZ-001/22 | | Course title: What is Physical and Theoretical Chemistry? | | | |
| 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: 2. | | | | | |
| Educational level: I. | | | | | |
| 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: doc. Mgr. Michal Pitoňák, PhD., prof. RNDr. Ivan Černušák, DrSc. | | | | | |
| Last change: 29.07.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|---|-----|--|-----|-----|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KTV/N-bXTV-107/22 | | Course title: Winter Physical-Education Training | | | |
| Educational activities: Type of activities: training session Number of hours: per week: per level/semester: 5d Form of the course: on-site learning | | | | | |
| Number of credits: 2 | | | | | |
| Recommended semester: 1., 3., 5. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 359 | | | | | |
| A | B | C | D | E | FX |
| 60,45 | 0,0 | 0,0 | 0,0 | 0,0 | 39,55 |
| Lecturers: Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Alexander Homer, Mgr. Peter Nehila, Mgr. PaedDr. Simona Rášiová, Mgr. Denisa Strečanská, Mgr. Genc Berisha, PhD. | | | | | |
| Last change: 01.08.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

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|--|-------|---|------|------|------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KEGD/N-bZEG-055/24 | | Course title: World, society and development through the eyes of human geography and demography | | | |
| 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. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 90 | | | | | |
| A | B | C | D | E | FX |
| 34,44 | 37,78 | 15,56 | 2,22 | 2,22 | 7,78 |
| Lecturers: doc. Mgr. Vladimír Bačík, PhD., prof. RNDr. Branislav Bleha, PhD., Mgr. Jaroslav Rusnák, PhD., prof. RNDr. Ján Buček, CSc., doc. Mgr. Marcel Hornák, PhD., Mgr. Juraj Majo, PhD. | | | | | |
| Last change: 11.09.2024 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |

COURSE DESCRIPTION

| | | | | | |
|---|-----|---|-----|-----|-------|
| Academic year: 2024/2025 | | | | | |
| University: Comenius University Bratislava | | | | | |
| Faculty: Faculty of Natural Sciences | | | | | |
| Course ID: PriF.KTV/N-bXTV-109/22 | | 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., 5. | | | | | |
| Educational level: I. | | | | | |
| Prerequisites: | | | | | |
| Course requirements: | | | | | |
| Learning outcomes: | | | | | |
| Class syllabus: | | | | | |
| Recommended literature: | | | | | |
| Languages necessary to complete the course: | | | | | |
| Notes: | | | | | |
| Past grade distribution Total number of evaluated students: 394 | | | | | |
| A | B | C | D | E | FX |
| 65,74 | 0,0 | 0,0 | 0,0 | 0,0 | 34,26 |
| Lecturers: 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, Mgr. PaedDr. Simona Rášiová, Mgr. Genc Berisha, PhD. | | | | | |
| Last change: 01.08.2022 | | | | | |
| Approved by: prof. RNDr. Jozef Nosek, DrSc. | | | | | |