

## Course descriptions

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## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------|-------|------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |      |                                                  |       |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |      |                                                  |       |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |      |                                                  |       |      |       |
| <b>Course ID:</b><br>PriF.KAlCh/N-bCAL-044/22                                                                                                                                                                         |      | <b>Course title:</b><br>Analytical Chemistry (1) |       |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 4 / 2 <b>per level/semester:</b> 56 / 28<br><b>Form of the course:</b> on-site learning |      |                                                  |       |      |       |
| <b>Number of credits:</b> 6                                                                                                                                                                                           |      |                                                  |       |      |       |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                       |      |                                                  |       |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                                          |      |                                                  |       |      |       |
| <b>Prerequisites:</b> PriF.KAgCh/N-bCXX-010/22 - General Chemistry                                                                                                                                                    |      |                                                  |       |      |       |
| <b>Course requirements:</b>                                                                                                                                                                                           |      |                                                  |       |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |      |                                                  |       |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                |      |                                                  |       |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                                        |      |                                                  |       |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |      |                                                  |       |      |       |
| <b>Notes:</b>                                                                                                                                                                                                         |      |                                                  |       |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 35                                                                                                                                              |      |                                                  |       |      |       |
| A                                                                                                                                                                                                                     | B    | C                                                | D     | E    | FX    |
| 14,29                                                                                                                                                                                                                 | 2,86 | 11,43                                            | 14,29 | 40,0 | 17,14 |
| <b>Lecturers:</b> doc. RNDr. Róbert Bodor, PhD., doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Andrea Vojs Staňová, PhD.                                                                                                |      |                                                  |       |      |       |
| <b>Last change:</b> 07.02.2024                                                                                                                                                                                        |      |                                                  |       |      |       |
| <b>Approved by:</b>                                                                                                                                                                                                   |      |                                                  |       |      |       |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------|-------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                       |       |                                                             |       |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                     |       |                                                             |       |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |       |                                                             |       |      |      |
| <b>Course ID:</b><br>PriF.KAlCh/N-bCAL-046/22                                                                                                                                                         |       | <b>Course title:</b><br>Analytical Chemistry Practicals (1) |       |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 5 <b>per level/semester:</b> 70<br><b>Form of the course:</b> on-site learning |       |                                                             |       |      |      |
| <b>Number of credits:</b> 5                                                                                                                                                                           |       |                                                             |       |      |      |
| <b>Recommended semester:</b> 4.                                                                                                                                                                       |       |                                                             |       |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                          |       |                                                             |       |      |      |
| <b>Prerequisites:</b> PriF.KAlCh/N-bCXX-006/22 - Laboratory Technique                                                                                                                                 |       |                                                             |       |      |      |
| <b>Course requirements:</b>                                                                                                                                                                           |       |                                                             |       |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                             |       |                                                             |       |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                |       |                                                             |       |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                        |       |                                                             |       |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |       |                                                             |       |      |      |
| <b>Notes:</b>                                                                                                                                                                                         |       |                                                             |       |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 70                                                                                                                              |       |                                                             |       |      |      |
| A                                                                                                                                                                                                     | B     | C                                                           | D     | E    | FX   |
| 28,57                                                                                                                                                                                                 | 22,86 | 22,86                                                       | 15,71 | 4,29 | 5,71 |
| <b>Lecturers:</b> RNDr. Peter Troška, PhD., Mgr. Jasna Hradski, PhD., RNDr. Simona Procházková, PhD.                                                                                                  |       |                                                             |       |      |      |
| <b>Last change:</b> 07.02.2024                                                                                                                                                                        |       |                                                             |       |      |      |
| <b>Approved by:</b>                                                                                                                                                                                   |       |                                                             |       |      |      |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                           |     |                                                                   |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                         |     |                                                                   |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                               |     |                                                                   |     |     |     |
| <b>Course ID:</b><br>PriF.KFTCh/N-bCFZ-024/22                                                                                                                                                                                                                             |     | <b>Course title:</b><br>Bachelor Thesis in Physical Chemistry (1) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                        |     |                                                                   |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                               |     |                                                                   |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                                                           |     |                                                                   |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                              |     |                                                                   |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                     |     |                                                                   |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                               |     |                                                                   |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                 |     |                                                                   |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                    |     |                                                                   |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                            |     |                                                                   |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                        |     |                                                                   |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                             |     |                                                                   |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 6                                                                                                                                                                                                   |     |                                                                   |     |     |     |
| A                                                                                                                                                                                                                                                                         | B   | C                                                                 | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                                                     | 0,0 | 0,0                                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Ing. Marián Janek, PhD., doc. RNDr. Monika Jerigová, PhD., doc. RNDr. Ivan Valent, CSc., prof. Ing. Dušan Velič, DrSc., prof. RNDr. Juraj Bujdák, DrSc., RNDr. Dušan Lorenc, PhD., Mgr. Táňa Sebechlebská, PhD., prof. RNDr. Vladimír Kellö, DrSc. |     |                                                                   |     |     |     |
| <b>Last change:</b> 18.09.2022                                                                                                                                                                                                                                            |     |                                                                   |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                       |     |                                                                   |     |     |     |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                             |     |                                                                   |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                           |     |                                                                   |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                 |     |                                                                   |     |     |     |
| <b>Course ID:</b><br>PriF.KFTCh/N-bCFZ-038/22                                                                                                                                                                                                                                               |     | <b>Course title:</b><br>Bachelor Thesis in Physical Chemistry (2) |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / seminar<br><b>Number of hours:</b><br><b>per week:</b> 5 / 2 <b>per level/semester:</b> 70 / 28<br><b>Form of the course:</b> on-site learning                                                                    |     |                                                                   |     |     |     |
| <b>Number of credits:</b> 7                                                                                                                                                                                                                                                                 |     |                                                                   |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                                                                             |     |                                                                   |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                |     |                                                                   |     |     |     |
| <b>Prerequisites:</b> PriF.KAgCh/N-bCAG-008/22 - The Chemistry of Nanomaterials                                                                                                                                                                                                             |     |                                                                   |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                 |     |                                                                   |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                   |     |                                                                   |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                      |     |                                                                   |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                              |     |                                                                   |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                          |     |                                                                   |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                               |     |                                                                   |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                                                                                                                     |     |                                                                   |     |     |     |
| A                                                                                                                                                                                                                                                                                           | B   | C                                                                 | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                                                                       | 0,0 | 0,0                                                               | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Ivan Valent, CSc., prof. Ing. Dušan Velič, DrSc., prof. RNDr. Juraj Bujdák, DrSc., RNDr. Eva Noskovičová, PhD., Mgr. Daniel Furka, PhD., Mgr. Samuel Furka, PhD., doc. Ing. Marián Janek, PhD., doc. RNDr. Monika Jerigová, PhD., Mgr. Táňa Sebechlebská, PhD. |     |                                                                   |     |     |     |
| <b>Last change:</b> 19.09.2022                                                                                                                                                                                                                                                              |     |                                                                   |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                         |     |                                                                   |     |     |     |

## STATE EXAM DESCRIPTION

|                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|
| <b>Academic year:</b> 2022/2023                   |                                                   |
| <b>University:</b> Comenius University Bratislava |                                                   |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                   |
| <b>Course ID:</b><br>PriF.KBCh/N-bOBH-102/22      | <b>Course title:</b><br>Bachelor's Thesis Defence |
| <b>Number of credits:</b> 8                       |                                                   |
| <b>Educational level:</b> I.                      |                                                   |
| <b>State exam syllabus:</b>                       |                                                   |
| <b>Last change:</b> 07.11.2022                    |                                                   |
| <b>Approved by:</b>                               |                                                   |

## STATE EXAM DESCRIPTION

|                                                   |                                                                           |
|---------------------------------------------------|---------------------------------------------------------------------------|
| <b>Academic year:</b> 2022/2023                   |                                                                           |
| <b>University:</b> Comenius University Bratislava |                                                                           |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                                           |
| <b>Course ID:</b><br>PriF.KAlCh/N-bOBH-101/22     | <b>Course title:</b><br>Bachelor's Thesis Defence in Analytical Chemistry |
| <b>Number of credits:</b> 8                       |                                                                           |
| <b>Educational level:</b> I.                      |                                                                           |
| <b>State exam syllabus:</b>                       |                                                                           |
| <b>Last change:</b> 30.09.2022                    |                                                                           |
| <b>Approved by:</b>                               |                                                                           |

## STATE EXAM DESCRIPTION

|                                                   |                                                                          |
|---------------------------------------------------|--------------------------------------------------------------------------|
| <b>Academic year:</b> 2022/2023                   |                                                                          |
| <b>University:</b> Comenius University Bratislava |                                                                          |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                                          |
| <b>Course ID:</b><br>PriF.KAgCh/N-bOBH-101/22     | <b>Course title:</b><br>Bachelor's Thesis Defence in Inorganic Chemistry |
| <b>Number of credits:</b> 8                       |                                                                          |
| <b>Educational level:</b> I.                      |                                                                          |
| <b>State exam syllabus:</b>                       |                                                                          |
| <b>Last change:</b> 27.07.2022                    |                                                                          |
| <b>Approved by:</b>                               |                                                                          |

## STATE EXAM DESCRIPTION

|                                                   |                                                                                         |
|---------------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2022/2023                   |                                                                                         |
| <b>University:</b> Comenius University Bratislava |                                                                                         |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                                                         |
| <b>Course ID:</b><br>PriF.KJCh/N-bOBH-101/22      | <b>Course title:</b><br>Bachelor's Thesis Defence in Nuclear chemistry and Radioecology |
| <b>Number of credits:</b> 8                       |                                                                                         |
| <b>Educational level:</b> I.                      |                                                                                         |
| <b>State exam syllabus:</b>                       |                                                                                         |
| <b>Last change:</b> 10.10.2022                    |                                                                                         |
| <b>Approved by:</b>                               |                                                                                         |

## STATE EXAM DESCRIPTION

|                                                   |                                                                         |
|---------------------------------------------------|-------------------------------------------------------------------------|
| <b>Academic year:</b> 2022/2023                   |                                                                         |
| <b>University:</b> Comenius University Bratislava |                                                                         |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                                         |
| <b>Course ID:</b><br>PriF.KFTCh/N-bOBH-101/22     | <b>Course title:</b><br>Bachelor's Thesis Defence in Physical Chemistry |
| <b>Number of credits:</b> 8                       |                                                                         |
| <b>Educational level:</b> I.                      |                                                                         |
| <b>State exam syllabus:</b>                       |                                                                         |
| <b>Last change:</b> 04.11.2022                    |                                                                         |
| <b>Approved by:</b>                               |                                                                         |

## STATE EXAM DESCRIPTION

|                                                   |                                                                                                                    |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2022/2023                   |                                                                                                                    |
| <b>University:</b> Comenius University Bratislava |                                                                                                                    |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                                                                                    |
| <b>Course ID:</b><br>PriF.KFTCh/N-bOBH-102/22     | <b>Course title:</b><br>Bachelor's Thesis Defence in Physical Chemistry in Theoretical and Computational Chemistry |
| <b>Number of credits:</b> 8                       |                                                                                                                    |
| <b>Educational level:</b> I.                      |                                                                                                                    |
| <b>State exam syllabus:</b>                       |                                                                                                                    |
| <b>Last change:</b> 04.11.2022                    |                                                                                                                    |
| <b>Approved by:</b>                               |                                                                                                                    |

## STATE EXAM DESCRIPTION

|                                                   |                                                                                       |
|---------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2022/2023                   |                                                                                       |
| <b>University:</b> Comenius University Bratislava |                                                                                       |
| <b>Faculty:</b> Faculty of Natural Sciences       |                                                                                       |
| <b>Course ID:</b><br>PriF.KOrCh/N-bOBH-101/22     | <b>Course title:</b><br>Bachelor's Thesis in Organic and Bioorganic Chemistry Defence |
| <b>Number of credits:</b> 8                       |                                                                                       |
| <b>Educational level:</b> I.                      |                                                                                       |
| <b>State exam syllabus:</b>                       |                                                                                       |
| <b>Last change:</b> 07.11.2022                    |                                                                                       |
| <b>Approved by:</b>                               |                                                                                       |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                        |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                        |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                        |      |      |      |
| <b>Course ID:</b><br>PriF.KAn/N-XXXX-005/21                                                                                                                                                        |       | <b>Course title:</b><br>Bioarchaeology |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                        |      |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                        |      |      |      |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                            |       |                                        |      |      |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                  |       |                                        |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                        |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                        |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                        |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                        |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                        |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                        |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                        |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1110                                                                                                                         |       |                                        |      |      |      |
| A                                                                                                                                                                                                  | B     | C                                      | D    | E    | FX   |
| 75,23                                                                                                                                                                                              | 11,17 | 5,95                                   | 2,79 | 0,81 | 4,05 |
| <b>Lecturers:</b> doc. RNDr. Radoslav Beňuš, PhD., Mgr. Silvia Bodoriková, PhD., prof. Mgr. Viktor Černý, Dr.                                                                                      |       |                                        |      |      |      |
| <b>Last change:</b> 07.11.2022                                                                                                                                                                     |       |                                        |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                        |      |      |      |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------|-------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |      |                                          |       |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |      |                                          |       |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |      |                                          |       |      |      |
| <b>Course ID:</b><br>PriF.KBCh/N-bCXX-018/22                                                                                                                                                                          |      | <b>Course title:</b><br>Biochemistry (1) |       |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 4 / 2 <b>per level/semester:</b> 56 / 28<br><b>Form of the course:</b> on-site learning |      |                                          |       |      |      |
| <b>Number of credits:</b> 6                                                                                                                                                                                           |      |                                          |       |      |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                       |      |                                          |       |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                          |      |                                          |       |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |      |                                          |       |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                           |      |                                          |       |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |      |                                          |       |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                |      |                                          |       |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                        |      |                                          |       |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |      |                                          |       |      |      |
| <b>Notes:</b>                                                                                                                                                                                                         |      |                                          |       |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 80                                                                                                                                              |      |                                          |       |      |      |
| A                                                                                                                                                                                                                     | B    | C                                        | D     | E    | FX   |
| 16,25                                                                                                                                                                                                                 | 10,0 | 17,5                                     | 16,25 | 17,5 | 22,5 |
| <b>Lecturers:</b> prof. RNDr. Marta Kollárová, DrSc., doc. RNDr. Jana Korduláková, PhD., Mgr. Júlia Zemanová, PhD., Mgr. Andrea Cillingová, PhD., Mgr. Petra Chovančíková, PhD.                                       |      |                                          |       |      |      |
| <b>Last change:</b> 12.09.2022                                                                                                                                                                                        |      |                                          |       |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                   |      |                                          |       |      |      |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------|------|-------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |       |                                          |      |       |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |       |                                          |      |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |       |                                          |      |       |       |
| <b>Course ID:</b><br>PriF.KBCh/N-bCXX-019/22                                                                                                                                                                          |       | <b>Course title:</b><br>Biochemistry (2) |      |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 4 / 2 <b>per level/semester:</b> 56 / 28<br><b>Form of the course:</b> on-site learning |       |                                          |      |       |       |
| <b>Number of credits:</b> 6                                                                                                                                                                                           |       |                                          |      |       |       |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                       |       |                                          |      |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                                          |       |                                          |      |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |       |                                          |      |       |       |
| <b>Course requirements:</b>                                                                                                                                                                                           |       |                                          |      |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |       |                                          |      |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                |       |                                          |      |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                                        |       |                                          |      |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |       |                                          |      |       |       |
| <b>Notes:</b>                                                                                                                                                                                                         |       |                                          |      |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 32                                                                                                                                              |       |                                          |      |       |       |
| A                                                                                                                                                                                                                     | B     | C                                        | D    | E     | FX    |
| 31,25                                                                                                                                                                                                                 | 15,63 | 9,38                                     | 9,38 | 18,75 | 15,63 |
| <b>Lecturers:</b> prof. RNDr. Marta Kollárová, DrSc., prof. RNDr. Katarína Mikušová, DrSc., Mgr. Júlia Zemanová, PhD., Mgr. Andrea Cillingová, PhD., Mgr. Petra Chovančíková, PhD.                                    |       |                                          |      |       |       |
| <b>Last change:</b> 15.10.2022                                                                                                                                                                                        |       |                                          |      |       |       |
| <b>Approved by:</b>                                                                                                                                                                                                   |       |                                          |      |       |       |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------|-------|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                       |       |                                                 |       |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                     |       |                                                 |       |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |       |                                                 |       |     |      |
| <b>Course ID:</b><br>PriF.KBCh/N-bCXX-020/22                                                                                                                                                          |       | <b>Course title:</b><br>Biochemistry Practicals |       |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 5 <b>per level/semester:</b> 70<br><b>Form of the course:</b> on-site learning |       |                                                 |       |     |      |
| <b>Number of credits:</b> 5                                                                                                                                                                           |       |                                                 |       |     |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                       |       |                                                 |       |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                          |       |                                                 |       |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                 |       |                                                 |       |     |      |
| <b>Course requirements:</b>                                                                                                                                                                           |       |                                                 |       |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                             |       |                                                 |       |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                |       |                                                 |       |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                        |       |                                                 |       |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |       |                                                 |       |     |      |
| <b>Notes:</b>                                                                                                                                                                                         |       |                                                 |       |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 78                                                                                                                              |       |                                                 |       |     |      |
| A                                                                                                                                                                                                     | B     | C                                               | D     | E   | FX   |
| 24,36                                                                                                                                                                                                 | 33,33 | 25,64                                           | 12,82 | 0,0 | 3,85 |
| <b>Lecturers:</b> doc. Mgr. Peter Polčic, PhD.                                                                                                                                                        |       |                                                 |       |     |      |
| <b>Last change:</b> 12.09.2022                                                                                                                                                                        |       |                                                 |       |     |      |
| <b>Approved by:</b>                                                                                                                                                                                   |       |                                                 |       |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                       |       |                                      |       |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                     |       |                                      |       |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                           |       |                                      |       |      |       |
| <b>Course ID:</b><br>PriF.KFR/N-bBXX-068/22                                                                                                                                                                                                                                                                                                                                                           |       | <b>Course title:</b><br>Cell Biology |       |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                              |       |                                      |       |      |       |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                           |       |                                      |       |      |       |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                                                                                                                                       |       |                                      |       |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                          |       |                                      |       |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                 |       |                                      |       |      |       |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                           |       |                                      |       |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                             |       |                                      |       |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                |       |                                      |       |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                        |       |                                      |       |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                    |       |                                      |       |      |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                         |       |                                      |       |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 536                                                                                                                                                                                                                                                                                                                             |       |                                      |       |      |       |
| A                                                                                                                                                                                                                                                                                                                                                                                                     | B     | C                                    | D     | E    | FX    |
| 12,5                                                                                                                                                                                                                                                                                                                                                                                                  | 19,03 | 24,63                                | 18,47 | 15,3 | 10,07 |
| <b>Lecturers:</b> doc. Mgr. Michal Martinka, PhD., prof. RNDr. Helena Bujdáková, CSc., prof. Mgr. Iveta Herichová, PhD., 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., Mgr. Monika Bathóová, PhD., Mgr. Dominik Kostoláni, PhD. |       |                                      |       |      |       |
| <b>Last change:</b> 15.07.2022                                                                                                                                                                                                                                                                                                                                                                        |       |                                      |       |      |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                   |       |                                      |       |      |       |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------|-------|-------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                  |       |       |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                  |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                  |       |       |       |
| <b>Course ID:</b><br>PriF.KAgCh/N-bCXX-002/22                                                                                                                                                      |       | <b>Course title:</b><br>Chemical Calculation (1) |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                  |       |       |       |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                  |       |       |       |
| <b>Recommended semester:</b> 1.                                                                                                                                                                    |       |                                                  |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                  |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                  |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                  |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                  |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                  |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                  |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                  |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                  |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 188                                                                                                                          |       |                                                  |       |       |       |
| A                                                                                                                                                                                                  | B     | C                                                | D     | E     | FX    |
| 13,83                                                                                                                                                                                              | 15,96 | 18,09                                            | 17,02 | 14,36 | 20,74 |
| <b>Lecturers:</b> doc. RNDr. Jozef Tatiersky, PhD., doc. Mgr. Olivier Monfort, PhD.                                                                                                                |       |                                                  |       |       |       |
| <b>Last change:</b> 14.09.2022                                                                                                                                                                     |       |                                                  |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                  |       |       |       |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------|-------|------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |      |                                                  |       |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |      |                                                  |       |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                                  |       |      |       |
| <b>Course ID:</b><br>PriF.KAgCh/N-bCAG-005/22                                                                                                                                                      |      | <b>Course title:</b><br>Chemical Calculation (2) |       |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                  |       |      |       |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                                  |       |      |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |      |                                                  |       |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                                  |       |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                  |       |      |       |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                  |       |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                  |       |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                  |       |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                  |       |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                  |       |      |       |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                  |       |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 33                                                                                                                           |      |                                                  |       |      |       |
| A                                                                                                                                                                                                  | B    | C                                                | D     | E    | FX    |
| 45,45                                                                                                                                                                                              | 9,09 | 9,09                                             | 12,12 | 6,06 | 18,18 |
| <b>Lecturers:</b> doc. RNDr. Jozef Tatiersky, PhD., RNDr. Ján Šimunek, PhD.                                                                                                                        |      |                                                  |       |      |       |
| <b>Last change:</b> 14.09.2022                                                                                                                                                                     |      |                                                  |       |      |       |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                                  |       |      |       |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                   |     |                                            |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                 |     |                                            |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                       |     |                                            |     |     |     |
| <b>Course ID:</b><br>PriF.KJCh/N-bCXX-007/22                                                                                                                                                      |     | <b>Course title:</b><br>Chemical Excursion |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practice<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 3d<br><b>Form of the course:</b> on-site learning |     |                                            |     |     |     |
| <b>Number of credits:</b> 1                                                                                                                                                                       |     |                                            |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                   |     |                                            |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                      |     |                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                             |     |                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                       |     |                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                         |     |                                            |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                            |     |                                            |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                    |     |                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |     |                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                     |     |                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 37                                                                                                                          |     |                                            |     |     |     |
| A                                                                                                                                                                                                 | B   | C                                          | D   | E   | FX  |
| 97,3                                                                                                                                                                                              | 0,0 | 0,0                                        | 0,0 | 0,0 | 2,7 |
| <b>Lecturers:</b> 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.     |     |                                            |     |     |     |
| <b>Last change:</b> 15.12.2023                                                                                                                                                                    |     |                                            |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                               |     |                                            |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------|------|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                              |      |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                              |      |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                              |      |     |      |
| <b>Course ID:</b><br>PriF.KJCh/N-bCJD-043/22                                                                                                                                                       |     | <b>Course title:</b><br>Chemical Legislation |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                              |      |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                              |      |     |      |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                            |     |                                              |      |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                              |      |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                              |      |     |      |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                              |      |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                              |      |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                              |      |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                              |      |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                              |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                              |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 8                                                                                                                            |     |                                              |      |     |      |
| A                                                                                                                                                                                                  | B   | C                                            | D    | E   | FX   |
| 50,0                                                                                                                                                                                               | 0,0 | 12,5                                         | 12,5 | 0,0 | 25,0 |
| <b>Lecturers:</b> doc. RNDr. Oľga Roszkopfová, PhD.                                                                                                                                                |     |                                              |      |     |      |
| <b>Last change:</b> 10.10.2022                                                                                                                                                                     |     |                                              |      |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                              |      |     |      |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------|-----|------|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |       |                                            |     |      |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |       |                                            |     |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |       |                                            |     |      |     |
| <b>Course ID:</b><br>PriF.KFTCh/N-bCXX-022/22                                                                                                                                                                         |       | <b>Course title:</b><br>Chemical Structure |     |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14<br><b>Form of the course:</b> on-site learning |       |                                            |     |      |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                           |       |                                            |     |      |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                       |       |                                            |     |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |       |                                            |     |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |       |                                            |     |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |       |                                            |     |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |       |                                            |     |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |       |                                            |     |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |       |                                            |     |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |       |                                            |     |      |     |
| <b>Notes:</b>                                                                                                                                                                                                         |       |                                            |     |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 23                                                                                                                                              |       |                                            |     |      |     |
| A                                                                                                                                                                                                                     | B     | C                                          | D   | E    | FX  |
| 39,13                                                                                                                                                                                                                 | 26,09 | 21,74                                      | 8,7 | 4,35 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Vladimír Kellö, DrSc., prof. RNDr. Ivan Černušák, DrSc.                                                                                                                                 |       |                                            |     |      |     |
| <b>Last change:</b> 19.09.2022                                                                                                                                                                                        |       |                                            |     |      |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |       |                                            |     |      |     |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                           |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                           |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                           |     |     |     |
| <b>Course ID:</b><br>PriF.KAgCh/N-bCAG-016/22                                                                                                                                                      |     | <b>Course title:</b><br>Colloquium in Inorganic Chemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                           |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                           |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |     |                                                           |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                            |     |                                                           |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                         | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Olivier Monfort, PhD., RNDr. Lukáš Krivosudský, PhD.                                                                                                                   |     |                                                           |     |     |     |
| <b>Last change:</b> 17.10.2022                                                                                                                                                                     |     |                                                           |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                           |     |     |     |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                             |       |                                                             |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                           |       |                                                             |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                 |       |                                                             |      |      |      |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-132/22                                                                                                                                                                                  |       | <b>Course title:</b><br>ESP 1/English for Specific Purposes |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                          |       |                                                             |      |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                 |       |                                                             |      |      |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                             |       |                                                             |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                |       |                                                             |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                       |       |                                                             |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                 |       |                                                             |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                   |       |                                                             |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                      |       |                                                             |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                              |       |                                                             |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                          |       |                                                             |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                               |       |                                                             |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 355                                                                                                                                                   |       |                                                             |      |      |      |
| A                                                                                                                                                                                                                           | B     | C                                                           | D    | E    | FX   |
| 70,14                                                                                                                                                                                                                       | 16,06 | 6,48                                                        | 1,97 | 1,97 | 3,38 |
| <b>Lecturers:</b> PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD., Mgr. Simona Tomášková, PhD. |       |                                                             |      |      |      |
| <b>Last change:</b> 26.09.2022                                                                                                                                                                                              |       |                                                             |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                         |       |                                                             |      |      |      |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                             |       |                                                             |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                           |       |                                                             |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                 |       |                                                             |      |      |      |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-133/22                                                                                                                                                                                  |       | <b>Course title:</b><br>ESP 2/English for Specific Purposes |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                          |       |                                                             |      |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                 |       |                                                             |      |      |      |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                             |       |                                                             |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                |       |                                                             |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                       |       |                                                             |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                 |       |                                                             |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                   |       |                                                             |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                      |       |                                                             |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                              |       |                                                             |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                          |       |                                                             |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                               |       |                                                             |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 234                                                                                                                                                   |       |                                                             |      |      |      |
| A                                                                                                                                                                                                                           | B     | C                                                           | D    | E    | FX   |
| 83,76                                                                                                                                                                                                                       | 11,54 | 2,14                                                        | 0,85 | 0,43 | 1,28 |
| <b>Lecturers:</b> PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD., Mgr. Simona Tomášková, PhD. |       |                                                             |      |      |      |
| <b>Last change:</b> 26.09.2022                                                                                                                                                                                              |       |                                                             |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                         |       |                                                             |      |      |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------|-----|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                             |     |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                             |     |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                             |     |      |      |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-134/22                                                                                                                                                         |       | <b>Course title:</b><br>ESP 3/English for Specific Purposes |     |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                             |     |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                             |     |      |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |       |                                                             |     |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                             |     |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                             |     |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                             |     |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                             |     |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                             |     |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                             |     |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                             |     |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                             |     |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 288                                                                                                                          |       |                                                             |     |      |      |
| A                                                                                                                                                                                                  | B     | C                                                           | D   | E    | FX   |
| 81,6                                                                                                                                                                                               | 12,15 | 2,43                                                        | 0,0 | 1,04 | 2,78 |
| <b>Lecturers:</b> PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD.     |       |                                                             |     |      |      |
| <b>Last change:</b> 26.09.2022                                                                                                                                                                     |       |                                                             |     |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                             |     |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |      |                                                             |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |      |                                                             |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                                             |      |      |      |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-135/22                                                                                                                                                         |      | <b>Course title:</b><br>ESP 4/English for Specific Purposes |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                             |      |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                                             |      |      |      |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |      |                                                             |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                                             |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                             |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                             |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                             |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                             |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                             |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                             |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                             |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 194                                                                                                                          |      |                                                             |      |      |      |
| A                                                                                                                                                                                                  | B    | C                                                           | D    | E    | FX   |
| 85,05                                                                                                                                                                                              | 9,28 | 3,61                                                        | 0,52 | 0,52 | 1,03 |
| <b>Lecturers:</b> PhDr. Štefánia Dugovičová, PhD., Mgr. Lenka Jeleňová, Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD., PhDr. Oľga Pažitková, CSc., RNDr. Tatiana Slováková, PhD.     |      |                                                             |      |      |      |
| <b>Last change:</b> 26.09.2022                                                                                                                                                                     |      |                                                             |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                                             |      |      |      |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------|------|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                   |       |                                                           |      |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                 |       |                                                           |      |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                       |       |                                                           |      |     |      |
| <b>Course ID:</b><br>PriF.KBCh/N-bCBI-024/22                                                                                                                                                      |       | <b>Course title:</b><br>Elective Exercise in Biochemistry |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practice<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 1t<br><b>Form of the course:</b> on-site learning |       |                                                           |      |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                       |       |                                                           |      |     |      |
| <b>Recommended semester:</b> 4.                                                                                                                                                                   |       |                                                           |      |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                      |       |                                                           |      |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                             |       |                                                           |      |     |      |
| <b>Course requirements:</b>                                                                                                                                                                       |       |                                                           |      |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                         |       |                                                           |      |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                            |       |                                                           |      |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                    |       |                                                           |      |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |       |                                                           |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                     |       |                                                           |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 11                                                                                                                          |       |                                                           |      |     |      |
| A                                                                                                                                                                                                 | B     | C                                                         | D    | E   | FX   |
| 36,36                                                                                                                                                                                             | 45,45 | 0,0                                                       | 9,09 | 0,0 | 9,09 |
| <b>Lecturers:</b> Mgr. Petra Chovančíková, PhD.                                                                                                                                                   |       |                                                           |      |     |      |
| <b>Last change:</b> 13.09.2022                                                                                                                                                                    |       |                                                           |      |     |      |
| <b>Approved by:</b>                                                                                                                                                                               |       |                                                           |      |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                   |     |                                                                      |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                 |     |                                                                      |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                       |     |                                                                      |     |     |     |
| <b>Course ID:</b><br>PriF.KBCh/N-bCBI-025/22                                                                                                                                                      |     | <b>Course title:</b><br>Elective Laboratory Practice in Biochemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practice<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 2t<br><b>Form of the course:</b> on-site learning |     |                                                                      |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                       |     |                                                                      |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                   |     |                                                                      |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                      |     |                                                                      |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                             |     |                                                                      |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                       |     |                                                                      |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                         |     |                                                                      |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                            |     |                                                                      |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                    |     |                                                                      |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |     |                                                                      |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                     |     |                                                                      |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                           |     |                                                                      |     |     |     |
| A                                                                                                                                                                                                 | B   | C                                                                    | D   | E   | FX  |
| 100,0                                                                                                                                                                                             | 0,0 | 0,0                                                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Katarína Mikušová, DrSc.                                                                                                                                            |     |                                                                      |     |     |     |
| <b>Last change:</b> 27.07.2022                                                                                                                                                                    |     |                                                                      |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                               |     |                                                                      |     |     |     |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                       |     |                                                          |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                     |     |                                                          |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |     |                                                          |     |     |     |
| <b>Course ID:</b><br>PriF.KOrCh/N-bCXX-022/22                                                                                                                                                         |     | <b>Course title:</b><br>Elective Practice from Chemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 5 <b>per level/semester:</b> 70<br><b>Form of the course:</b> on-site learning |     |                                                          |     |     |     |
| <b>Number of credits:</b> 5                                                                                                                                                                           |     |                                                          |     |     |     |
| <b>Recommended semester:</b> 3., 5.                                                                                                                                                                   |     |                                                          |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                          |     |                                                          |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |     |                                                          |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |     |                                                          |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |     |                                                          |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |     |                                                          |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |     |                                                          |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |     |                                                          |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |     |                                                          |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 12                                                                                                                              |     |                                                          |     |     |     |
| A                                                                                                                                                                                                     | B   | C                                                        | D   | E   | FX  |
| 100,0                                                                                                                                                                                                 | 0,0 | 0,0                                                      | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Martin Putala, CSc., RNDr. Jana Chrappová, PhD., prof. RNDr. Marian Masár, PhD., doc. Mgr. Michal Pitoňák, PhD., prof. RNDr. Michal Galamboš, PhD.                       |     |                                                          |     |     |     |
| <b>Last change:</b> 27.07.2022                                                                                                                                                                        |     |                                                          |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                   |     |                                                          |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                    |       |                                                         |      |      |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                         |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                         |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                         |      |      |      |
| <b>Course ID:</b><br>PriF-FMFI.KMANM/N-bCXX-017/15                                                                                                                                                 |       | <b>Course title:</b><br>Elective Seminar in Mathematics |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                         |      |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                         |      |      |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                    |       |                                                         |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                         |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                         |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                         |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                         |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                         |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                         |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                         |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                         |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 283                                                                                                                          |       |                                                         |      |      |      |
| A                                                                                                                                                                                                  | B     | C                                                       | D    | E    | FX   |
| 53,71                                                                                                                                                                                              | 17,67 | 6,36                                                    | 4,59 | 8,48 | 9,19 |
| <b>Lecturers:</b> doc. PaedDr. Klára Velmovská, PhD., PaedDr. Barbora Gejdošová, PaedDr. Ladislav Janiga                                                                                           |       |                                                         |      |      |      |
| <b>Last change:</b> 17.10.2022                                                                                                                                                                     |       |                                                         |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                         |      |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |      |                                                               |      |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |      |                                                               |      |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                                               |      |     |      |
| <b>Course ID:</b><br>PriF.KJCh/N-bCJD-037/22                                                                                                                                                       |      | <b>Course title:</b><br>Elective Seminar in Nuclear chemistry |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning |      |                                                               |      |     |      |
| <b>Number of credits:</b> 1                                                                                                                                                                        |      |                                                               |      |     |      |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |      |                                                               |      |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                                               |      |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                               |      |     |      |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                               |      |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                               |      |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                               |      |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                               |      |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                               |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                               |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 38                                                                                                                           |      |                                                               |      |     |      |
| A                                                                                                                                                                                                  | B    | C                                                             | D    | E   | FX   |
| 86,84                                                                                                                                                                                              | 5,26 | 2,63                                                          | 2,63 | 0,0 | 2,63 |
| <b>Lecturers:</b> doc. RNDr. Eva Viglašová, PhD., RNDr. Katarína Cifraničová                                                                                                                       |      |                                                               |      |     |      |
| <b>Last change:</b> 10.10.2022                                                                                                                                                                     |      |                                                               |      |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                                               |      |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                                             |       |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                                             |       |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                                             |       |      |      |
| <b>Course ID:</b><br>PriF.KOrCh/N-bCXX-024/22                                                                                                                                                      |       | <b>Course title:</b><br>Elective Seminar on Mechanisms of Organic Reactions |       |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning |       |                                                                             |       |      |      |
| <b>Number of credits:</b> 1                                                                                                                                                                        |       |                                                                             |       |      |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |       |                                                                             |       |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                                             |       |      |      |
| <b>Prerequisites:</b> PriF.KOrCh/N-bCXX-047/22 - Organic Chemistry 1                                                                                                                               |       |                                                                             |       |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                                             |       |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                                             |       |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                                             |       |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                                             |       |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                                             |       |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                                             |       |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 16                                                                                                                           |       |                                                                             |       |      |      |
| A                                                                                                                                                                                                  | B     | C                                                                           | D     | E    | FX   |
| 37,5                                                                                                                                                                                               | 18,75 | 12,5                                                                        | 18,75 | 6,25 | 6,25 |
| <b>Lecturers:</b> doc. RNDr. Martin Putala, CSc., Mgr. Ambroz Almáßy, PhD., Ing. Michal Májek, PhD., Mgr. Peter Šramel, PhD.                                                                       |       |                                                                             |       |      |      |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                     |       |                                                                             |       |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                                             |       |      |      |

## COURSE DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------|------|------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                          |       |                                                               |      |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                        |       |                                                               |      |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                              |       |                                                               |      |      |       |
| <b>Course ID:</b><br>PriF.KOrCh/N-bCOR-001/22                                                                                                                                                                                            |       | <b>Course title:</b><br>Elective Seminar on Organic Chemistry |      |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                       |       |                                                               |      |      |       |
| <b>Number of credits:</b> 2                                                                                                                                                                                                              |       |                                                               |      |      |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                          |       |                                                               |      |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                                                             |       |                                                               |      |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                    |       |                                                               |      |      |       |
| <b>Course requirements:</b>                                                                                                                                                                                                              |       |                                                               |      |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                |       |                                                               |      |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                   |       |                                                               |      |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                                                           |       |                                                               |      |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                       |       |                                                               |      |      |       |
| <b>Notes:</b>                                                                                                                                                                                                                            |       |                                                               |      |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 134                                                                                                                                                                |       |                                                               |      |      |       |
| A                                                                                                                                                                                                                                        | B     | C                                                             | D    | E    | FX    |
| 39,55                                                                                                                                                                                                                                    | 15,67 | 11,94                                                         | 8,96 | 6,72 | 17,16 |
| <b>Lecturers:</b> 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. |       |                                                               |      |      |       |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                                                           |       |                                                               |      |      |       |
| <b>Approved by:</b>                                                                                                                                                                                                                      |       |                                                               |      |      |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |      |                                                               |      |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |      |                                                               |      |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                                               |      |      |       |
| <b>Course ID:</b><br>PriF.KOrCh/N-bCOR-008/22                                                                                                                                                      |      | <b>Course title:</b><br>Elective Seminar on Organic Synthesis |      |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                               |      |      |       |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                                               |      |      |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |      |                                                               |      |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                                               |      |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                               |      |      |       |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                               |      |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                               |      |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                               |      |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                               |      |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                               |      |      |       |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                               |      |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 61                                                                                                                           |      |                                                               |      |      |       |
| A                                                                                                                                                                                                  | B    | C                                                             | D    | E    | FX    |
| 49,18                                                                                                                                                                                              | 6,56 | 11,48                                                         | 9,84 | 6,56 | 16,39 |
| <b>Lecturers:</b> doc. Ing. Mária Mečiarová, PhD., doc. RNDr. Peter Magdolen, PhD., Mgr. Henrieta Stankovičová, PhD.                                                                               |      |                                                               |      |      |       |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                     |      |                                                               |      |      |       |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                                               |      |      |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |     |                                                 |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |     |                                                 |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |     |                                                 |     |     |     |
| <b>Course ID:</b><br>PriF.KAlCh/N-bCXX-043/22                                                                                                                                                                         |     | <b>Course title:</b><br>Environmental Chemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14<br><b>Form of the course:</b> on-site learning |     |                                                 |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                           |     |                                                 |     |     |     |
| <b>Recommended semester:</b> 4., 6.                                                                                                                                                                                   |     |                                                 |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |     |                                                 |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                                 |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                                 |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                                 |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                                 |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                                 |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                                 |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                                 |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                                               |     |                                                 |     |     |     |
| A                                                                                                                                                                                                                     | B   | C                                               | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                 | 0,0 | 0,0                                             | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Radoslav Halko, PhD., RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD.                                                                                                            |     |                                                 |     |     |     |
| <b>Last change:</b> 26.09.2022                                                                                                                                                                                        |     |                                                 |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |     |                                                 |     |     |     |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                  |       |                                              |       |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                |       |                                              |       |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                      |       |                                              |       |       |      |
| <b>Course ID:</b><br>PriF.KGe/N-bBGE-012/22                                                                                                                                                                      |       | <b>Course title:</b><br>Evolutionary Biology |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning               |       |                                              |       |       |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                      |       |                                              |       |       |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                  |       |                                              |       |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                     |       |                                              |       |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                            |       |                                              |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                      |       |                                              |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                        |       |                                              |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                           |       |                                              |       |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                   |       |                                              |       |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                               |       |                                              |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                                    |       |                                              |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 392                                                                                                                                        |       |                                              |       |       |      |
| A                                                                                                                                                                                                                | B     | C                                            | D     | E     | FX   |
| 7,14                                                                                                                                                                                                             | 19,64 | 22,7                                         | 21,94 | 20,92 | 7,65 |
| <b>Lecturers:</b> 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. |       |                                              |       |       |      |
| <b>Last change:</b> 22.09.2022                                                                                                                                                                                   |       |                                              |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                              |       |                                              |       |       |      |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------|-------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                       |       |                                                       |       |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                     |       |                                                       |       |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |       |                                                       |       |      |      |
| <b>Course ID:</b><br>PriF.KJCh/N-bCJD-042/22                                                                                                                                                          |       | <b>Course title:</b><br>Exercise in Nuclear chemistry |       |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 5 <b>per level/semester:</b> 70<br><b>Form of the course:</b> on-site learning |       |                                                       |       |      |      |
| <b>Number of credits:</b> 5                                                                                                                                                                           |       |                                                       |       |      |      |
| <b>Recommended semester:</b> 2.                                                                                                                                                                       |       |                                                       |       |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                          |       |                                                       |       |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                 |       |                                                       |       |      |      |
| <b>Course requirements:</b>                                                                                                                                                                           |       |                                                       |       |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                             |       |                                                       |       |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                |       |                                                       |       |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                        |       |                                                       |       |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |       |                                                       |       |      |      |
| <b>Notes:</b>                                                                                                                                                                                         |       |                                                       |       |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 95                                                                                                                              |       |                                                       |       |      |      |
| A                                                                                                                                                                                                     | B     | C                                                     | D     | E    | FX   |
| 28,42                                                                                                                                                                                                 | 27,37 | 22,11                                                 | 11,58 | 8,42 | 2,11 |
| <b>Lecturers:</b> RNDr. David Pavel Královič, RNDr. Matej Krivošík, PhD.                                                                                                                              |       |                                                       |       |      |      |
| <b>Last change:</b> 28.03.2023                                                                                                                                                                        |       |                                                       |       |      |      |
| <b>Approved by:</b>                                                                                                                                                                                   |       |                                                       |       |      |      |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                       |     |                                                            |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                     |     |                                                            |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |     |                                                            |      |      |      |
| <b>Course ID:</b><br>PriF.KFTCh/N-bCXX-026/22                                                                                                                                                         |     | <b>Course title:</b><br>Exercise in Physical Chemistry (1) |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 5 <b>per level/semester:</b> 70<br><b>Form of the course:</b> on-site learning |     |                                                            |      |      |      |
| <b>Number of credits:</b> 5                                                                                                                                                                           |     |                                                            |      |      |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                       |     |                                                            |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                          |     |                                                            |      |      |      |
| <b>Prerequisites:</b> PriF.KAlCh/N-bCXX-006/22 - Laboratory Technique                                                                                                                                 |     |                                                            |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                           |     |                                                            |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                             |     |                                                            |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                |     |                                                            |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                        |     |                                                            |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |     |                                                            |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                         |     |                                                            |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 75                                                                                                                              |     |                                                            |      |      |      |
| A                                                                                                                                                                                                     | B   | C                                                          | D    | E    | FX   |
| 86,67                                                                                                                                                                                                 | 4,0 | 0,0                                                        | 1,33 | 1,33 | 6,67 |
| <b>Lecturers:</b> doc. RNDr. Ivan Valent, CSc., doc. Mgr. Pavel Neogrady, DrSc., Mgr. Daniel Furka, PhD., Mgr. Samuel Furka, PhD., Mgr. Táňa Sebechlebská, PhD.                                       |     |                                                            |      |      |      |
| <b>Last change:</b> 19.09.2022                                                                                                                                                                        |     |                                                            |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                   |     |                                                            |      |      |      |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------|------|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                   |       |                                                            |      |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                 |       |                                                            |      |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                       |       |                                                            |      |     |      |
| <b>Course ID:</b><br>PriF.KFTCh/N-bCXX-019/22                                                                                                                                                     |       | <b>Course title:</b><br>Exercise in Physical Chemistry (2) |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practice<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 6d<br><b>Form of the course:</b> on-site learning |       |                                                            |      |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                       |       |                                                            |      |     |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                   |       |                                                            |      |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                      |       |                                                            |      |     |      |
| <b>Prerequisites:</b> PriF.KFTCh/N-bCXX-026/22 - Exercise in Physical Chemistry (1)                                                                                                               |       |                                                            |      |     |      |
| <b>Course requirements:</b>                                                                                                                                                                       |       |                                                            |      |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                         |       |                                                            |      |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                            |       |                                                            |      |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                    |       |                                                            |      |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |       |                                                            |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                     |       |                                                            |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 24                                                                                                                          |       |                                                            |      |     |      |
| A                                                                                                                                                                                                 | B     | C                                                          | D    | E   | FX   |
| 75,0                                                                                                                                                                                              | 16,67 | 0,0                                                        | 4,17 | 0,0 | 4,17 |
| <b>Lecturers:</b> doc. RNDr. Ivan Valent, CSc., Mgr. Táňa Sebechlebská, PhD., RNDr. Eva Noskovičová, PhD.                                                                                         |       |                                                            |      |     |      |
| <b>Last change:</b> 29.07.2022                                                                                                                                                                    |       |                                                            |      |     |      |
| <b>Approved by:</b>                                                                                                                                                                               |       |                                                            |      |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                             |     |                                                                                 |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                           |     |                                                                                 |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                 |     |                                                                                 |     |     |     |
| <b>Course ID:</b><br>PriF.KFTCh/N-bCFZ-037/22                                                                                                                                                                                                                                               |     | <b>Course title:</b><br>Exercises for a Bachelor's Thesis in Physical Chemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 3 <b>per level/semester:</b> 42<br><b>Form of the course:</b> on-site learning                                                                                       |     |                                                                                 |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                 |     |                                                                                 |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                                                                             |     |                                                                                 |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                |     |                                                                                 |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                       |     |                                                                                 |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                 |     |                                                                                 |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                   |     |                                                                                 |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                      |     |                                                                                 |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                              |     |                                                                                 |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                          |     |                                                                                 |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                                               |     |                                                                                 |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 6                                                                                                                                                                                                                     |     |                                                                                 |     |     |     |
| A                                                                                                                                                                                                                                                                                           | B   | C                                                                               | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                                                                       | 0,0 | 0,0                                                                             | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Ivan Valent, CSc., prof. Ing. Dušan Velič, DrSc., prof. RNDr. Juraj Bujdák, DrSc., RNDr. Eva Noskovičová, PhD., Mgr. Daniel Furka, PhD., Mgr. Samuel Furka, PhD., doc. Ing. Marián Janek, PhD., doc. RNDr. Monika Jerigová, PhD., Mgr. Táňa Sebechlebská, PhD. |     |                                                                                 |     |     |     |
| <b>Last change:</b> 19.09.2022                                                                                                                                                                                                                                                              |     |                                                                                 |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                         |     |                                                                                 |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                              |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-136/22                                                                                                                                                         |     | <b>Course title:</b><br>Fachdeutsch in Naturwissenschaften 1 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                              |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                              |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                    |     |                                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 15                                                                                                                           |     |                                                              |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                            | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Karin Rózsová Wolfová                                                                                                                                                       |     |                                                              |     |     |     |
| <b>Last change:</b> 23.07.2022                                                                                                                                                                     |     |                                                              |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                              |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                              |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                              |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                              |     |     |     |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-137/22                                                                                                                                                         |     | <b>Course title:</b><br>Fachdeutsch in Naturwissenschaften 2 |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                              |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                                              |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                              |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                              |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                              |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                              |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                              |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                              |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                              |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                              |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                              |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                            |     |                                                              |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                            | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Karin Rózsová Wolfová                                                                                                                                                       |     |                                                              |     |     |     |
| <b>Last change:</b> 23.07.2022                                                                                                                                                                     |     |                                                              |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                              |     |     |     |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                               |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                               |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                               |
| <b>Course ID:</b><br>PriF/N-bCXX-019/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Course title:</b><br>Fundamentals of Physics for Chemistry |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                               |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                               |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                               |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                               |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                               |
| <b>Course requirements:</b><br>continuous assessment: controlled test in the middle of the semester,<br>final assessment: written test,<br>Indicative rating scale: A 95%, B 90%, C 80%, D 70%, E 60%.<br>Credits will not be awarded to a student who obtains a grade of less than 60%.<br>Scale of assessment (preliminary/final): 20/80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                               |
| <b>Learning outcomes:</b><br>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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                               |
| <b>Class syllabus:</b><br>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, |                                                               |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                               |
| <b>Languages necessary to complete the course:</b><br>Slovak in combination with English (study literature also in English)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                               |
| <b>Notes:</b><br>The elective course is provided only in the winter semester and runs concurrently for students of chemistry, biochemistry and medical biology.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                               |

|                                                     |       |       |       |      |      |
|-----------------------------------------------------|-------|-------|-------|------|------|
| <b>Past grade distribution</b>                      |       |       |       |      |      |
| Total number of evaluated students: 45              |       |       |       |      |      |
| A                                                   | B     | C     | D     | E    | FX   |
| 20,0                                                | 33,33 | 24,44 | 13,33 | 4,44 | 4,44 |
| <b>Lecturers:</b> doc. RNDr. Tomáš Roch, Dr. techn. |       |       |       |      |      |
| <b>Last change:</b> 18.10.2022                      |       |       |       |      |      |
| <b>Approved by:</b>                                 |       |       |       |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |       |                                           |       |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |       |                                           |       |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |       |                                           |       |      |       |
| <b>Course ID:</b><br>PriF.KAgCh/N-bCXX-010/22                                                                                                                                                                         |       | <b>Course title:</b><br>General Chemistry |       |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 4 / 2 <b>per level/semester:</b> 56 / 28<br><b>Form of the course:</b> on-site learning |       |                                           |       |      |       |
| <b>Number of credits:</b> 6                                                                                                                                                                                           |       |                                           |       |      |       |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                       |       |                                           |       |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                                          |       |                                           |       |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |       |                                           |       |      |       |
| <b>Course requirements:</b>                                                                                                                                                                                           |       |                                           |       |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |       |                                           |       |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                |       |                                           |       |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                                        |       |                                           |       |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |       |                                           |       |      |       |
| <b>Notes:</b>                                                                                                                                                                                                         |       |                                           |       |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 122                                                                                                                                             |       |                                           |       |      |       |
| A                                                                                                                                                                                                                     | B     | C                                         | D     | E    | FX    |
| 12,3                                                                                                                                                                                                                  | 16,39 | 26,23                                     | 22,95 | 5,74 | 16,39 |
| <b>Lecturers:</b> prof. RNDr. Jozef Noga, DrSc., RNDr. Ján Šimunek, PhD., Mgr. Martin Motola, PhD.,<br>RNDr. Lukáš Krivosudský, PhD.                                                                                  |       |                                           |       |      |       |
| <b>Last change:</b> 27.07.2022                                                                                                                                                                                        |       |                                           |       |      |       |
| <b>Approved by:</b>                                                                                                                                                                                                   |       |                                           |       |      |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                          |      |                                  |       |       |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                        |      |                                  |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |      |                                  |       |       |       |
| <b>Course ID:</b><br>PriF.KGe/N-bBXX-037/22                                                                                                                                                                              |      | <b>Course title:</b><br>Genetics |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |      |                                  |       |       |       |
| <b>Number of credits:</b> 4                                                                                                                                                                                              |      |                                  |       |       |       |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                          |      |                                  |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                                             |      |                                  |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |      |                                  |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                                              |      |                                  |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |      |                                  |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |      |                                  |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                                           |      |                                  |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |      |                                  |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                            |      |                                  |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 142                                                                                                                                                |      |                                  |       |       |       |
| A                                                                                                                                                                                                                        | B    | C                                | D     | E     | FX    |
| 7,04                                                                                                                                                                                                                     | 5,63 | 16,2                             | 23,24 | 28,17 | 19,72 |
| <b>Lecturers:</b> doc. RNDr. Eliška Gálová, PhD., Mgr. Stanislav Kyzek, PhD., Mgr. Filip Červenák, PhD., Mgr. Ivana Kyzeková, PhD., Mgr. Katarína Procházková, PhD.                                                      |      |                                  |       |       |       |
| <b>Last change:</b> 22.09.2022                                                                                                                                                                                           |      |                                  |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                                      |      |                                  |       |       |       |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                |      |                                               |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                              |      |                                               |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                    |      |                                               |     |     |      |
| <b>Course ID:</b><br>PriF.KGe/N-XXXX-004/21                                                                                                                                                                    |      | <b>Course title:</b><br>Genetics for everyone |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning             |      |                                               |     |     |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                    |      |                                               |     |     |      |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                                        |      |                                               |     |     |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                              |      |                                               |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                          |      |                                               |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                    |      |                                               |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                      |      |                                               |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                         |      |                                               |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                 |      |                                               |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                             |      |                                               |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                  |      |                                               |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1090                                                                                                                                     |      |                                               |     |     |      |
| A                                                                                                                                                                                                              | B    | C                                             | D   | E   | FX   |
| 92,84                                                                                                                                                                                                          | 0,92 | 0,0                                           | 0,0 | 0,0 | 6,24 |
| <b>Lecturers:</b> 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. |      |                                               |     |     |      |
| <b>Last change:</b> 15.05.2021                                                                                                                                                                                 |      |                                               |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                            |      |                                               |     |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                     |      |      |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                 |      |                                                                     |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                               |      |                                                                     |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                     |      |                                                                     |      |      |      |
| <b>Course ID:</b><br>PriF.KRGRR/N-XXXX-001/21                                                                                                                                                                                                                                                                                                                                   |      | <b>Course title:</b><br>Geography of the World in the 21.st century |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning                                                                                                                                                           |      |                                                                     |      |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                     |      |                                                                     |      |      |      |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                                                                                                                                                                                                         |      |                                                                     |      |      |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                                                                                                                                               |      |                                                                     |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                           |      |                                                                     |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                     |      |                                                                     |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                       |      |                                                                     |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                          |      |                                                                     |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                  |      |                                                                     |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                              |      |                                                                     |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                   |      |                                                                     |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 88                                                                                                                                                                                                                                                                                                        |      |                                                                     |      |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                               | B    | C                                                                   | D    | E    | FX   |
| 81,82                                                                                                                                                                                                                                                                                                                                                                           | 4,55 | 5,68                                                                | 1,14 | 1,14 | 5,68 |
| <b>Lecturers:</b> 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., Mgr. Martin Šveda, PhD., prof. RNDr. Ladislav Tolmáči, PhD., RNDr. Mgr. Anna Tolmáči, PhD., Mgr. Gabriel Zubriczký, PhD. |      |                                                                     |      |      |      |
| <b>Last change:</b> 15.05.2021                                                                                                                                                                                                                                                                                                                                                  |      |                                                                     |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                             |      |                                                                     |      |      |      |

## COURSE DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------|-----|-------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                      |     |                                             |     |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                    |     |                                             |     |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                          |     |                                             |     |       |      |
| <b>Course ID:</b><br>PriF.KGP/N-XXXX-007/21                                                                                                                                                                                                          |     | <b>Course title:</b><br>Geology in Nutshell |     |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28<br><b>Form of the course:</b> on-site learning                             |     |                                             |     |       |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                          |     |                                             |     |       |      |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                                                                              |     |                                             |     |       |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                    |     |                                             |     |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                |     |                                             |     |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                          |     |                                             |     |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                            |     |                                             |     |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                               |     |                                             |     |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                       |     |                                             |     |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                   |     |                                             |     |       |      |
| <b>Notes:</b>                                                                                                                                                                                                                                        |     |                                             |     |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 44                                                                                                                                                                             |     |                                             |     |       |      |
| A                                                                                                                                                                                                                                                    | B   | C                                           | D   | E     | FX   |
| 86,36                                                                                                                                                                                                                                                | 0,0 | 0,0                                         | 0,0 | 11,36 | 2,27 |
| <b>Lecturers:</b> prof. RNDr. Roman Aubrecht, Dr., prof. Mgr. Natália Hlavatá Hudáčková, PhD., doc. RNDr. Jozef Hók, CSc., prof. RNDr. Michal Kováč, DrSc., RNDr. Alexander Lačný, PhD., doc. RNDr. Jana Fridrichová, PhD., RNDr. Ondrej Nemec, PhD. |     |                                             |     |       |      |
| <b>Last change:</b> 20.01.2022                                                                                                                                                                                                                       |     |                                             |     |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                  |     |                                             |     |       |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                     |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                     |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                     |     |     |      |
| <b>Course ID:</b><br>PriF.KPI/N-XXXX-009/21                                                                                                                                                        |     | <b>Course title:</b><br>Global Environmental Issues |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                                     |     |     |      |
| <b>Number of credits:</b> 3                                                                                                                                                                        |     |                                                     |     |     |      |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                            |     |                                                     |     |     |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                  |     |                                                     |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                     |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                     |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                     |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                     |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                     |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                     |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                     |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 555                                                                                                                          |     |                                                     |     |     |      |
| A                                                                                                                                                                                                  | B   | C                                                   | D   | E   | FX   |
| 90,27                                                                                                                                                                                              | 0,0 | 0,54                                                | 0,0 | 0,0 | 9,19 |
| <b>Lecturers:</b> doc. RNDr. Katarína Pavličková, CSc., prof. RNDr. Pavel Dlapa, PhD., RNDr. Martina Zvaríková, PhD., doc. RNDr. Ľubomír Jurkovič, PhD.                                            |     |                                                     |     |     |      |
| <b>Last change:</b> 09.11.2022                                                                                                                                                                     |     |                                                     |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                     |     |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                          |     |                                            |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                        |     |                                            |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                            |     |     |      |
| <b>Course ID:</b><br>PriF.KEM/N-bXXX-001/19                                                                                                                                                                              |     | <b>Course title:</b><br>Green University 1 |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |     |                                            |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                              |     |                                            |     |     |      |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6..                                                                                                                                                                     |     |                                            |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                            |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                            |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                            |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                            |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                            |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                            |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                            |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                            |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 150                                                                                                                                                |     |                                            |     |     |      |
| A                                                                                                                                                                                                                        | B   | C                                          | D   | E   | FX   |
| 91,33                                                                                                                                                                                                                    | 0,0 | 0,0                                        | 0,0 | 0,0 | 8,67 |
| <b>Lecturers:</b> RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., RNDr. Hubert Žarnovičan, PhD., Mgr. Martin Šebesta, PhD.                                                                                     |     |                                            |     |     |      |
| <b>Last change:</b> 11.02.2020                                                                                                                                                                                           |     |                                            |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                      |     |                                            |     |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                          |     |                                            |     |     |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                        |     |                                            |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                              |     |                                            |     |     |       |
| <b>Course ID:</b><br>PriF.KEM/N-bXXX-002/19                                                                                                                                                                              |     | <b>Course title:</b><br>Green University 2 |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |     |                                            |     |     |       |
| <b>Number of credits:</b> 2                                                                                                                                                                                              |     |                                            |     |     |       |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6..                                                                                                                                                                     |     |                                            |     |     |       |
| <b>Educational level:</b> I.                                                                                                                                                                                             |     |                                            |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                    |     |                                            |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                                                              |     |                                            |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                |     |                                            |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                   |     |                                            |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                                           |     |                                            |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                       |     |                                            |     |     |       |
| <b>Notes:</b>                                                                                                                                                                                                            |     |                                            |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 39                                                                                                                                                 |     |                                            |     |     |       |
| A                                                                                                                                                                                                                        | B   | C                                          | D   | E   | FX    |
| 87,18                                                                                                                                                                                                                    | 0,0 | 0,0                                        | 0,0 | 0,0 | 12,82 |
| <b>Lecturers:</b> RNDr. Jaroslav Bella, doc. Mgr. Miroslava Slaninová, Dr., Mgr. Martin Šebesta, PhD.,<br>RNDr. Hubert Žarnovičan, PhD.                                                                                  |     |                                            |     |     |       |
| <b>Last change:</b> 11.02.2020                                                                                                                                                                                           |     |                                            |     |     |       |
| <b>Approved by:</b>                                                                                                                                                                                                      |     |                                            |     |     |       |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |     |                                                                                  |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |     |                                                                                  |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |     |                                                                                  |     |     |     |
| <b>Course ID:</b><br>PriF.KAlCh/N-bCXX-008/22                                                                                                                                                                         |     | <b>Course title:</b><br>Identification and Quantification of Chemical Substances |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |     |                                                                                  |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                           |     |                                                                                  |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                       |     |                                                                                  |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |     |                                                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                                               |     |                                                                                  |     |     |     |
| A                                                                                                                                                                                                                     | B   | C                                                                                | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                 | 0,0 | 0,0                                                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> 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., RNDr. Csilla Mišľanová, PhD.    |     |                                                                                  |     |     |     |
| <b>Last change:</b> 30.09.2022                                                                                                                                                                                        |     |                                                                                  |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |     |                                                                                  |     |     |     |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                    |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                    |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                    |     |     |     |
| <b>Course ID:</b><br>PriF.KMV/N-bBXX-030/22                                                                                                                                                        |     | <b>Course title:</b><br>Immunology |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |     |                                    |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                        |     |                                    |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |     |                                    |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                    |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                    |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                    |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                    |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                    |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                    |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                    |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                    |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                            |     |                                    |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                  | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 0,0 | 0,0                                | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Miroslava Šupolíková, PhD., doc. RNDr. Tatiana Betáková, DrSc.                                                                                                        |     |                                    |     |     |     |
| <b>Last change:</b> 12.09.2022                                                                                                                                                                     |     |                                    |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                    |     |     |     |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |      |                                                 |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |      |                                                 |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                                 |      |      |      |
| <b>Course ID:</b><br>PriF.KAgCh/N-bCAG-017/22                                                                                                                                                      |      | <b>Course title:</b><br>Inorganic Chemistry (1) |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |      |                                                 |      |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |      |                                                 |      |      |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |      |                                                 |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                                 |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                 |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                 |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                 |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                 |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                 |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                 |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                 |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 50                                                                                                                           |      |                                                 |      |      |      |
| A                                                                                                                                                                                                  | B    | C                                               | D    | E    | FX   |
| 12,0                                                                                                                                                                                               | 20,0 | 24,0                                            | 20,0 | 12,0 | 12,0 |
| <b>Lecturers:</b> RNDr. Lukáš Krivosudský, PhD., prof. RNDr. Jozef Noga, DrSc.                                                                                                                     |      |                                                 |      |      |      |
| <b>Last change:</b> 06.10.2022                                                                                                                                                                     |      |                                                 |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                                 |      |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |     |                                                                      |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |     |                                                                      |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |     |                                                                      |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |     |                                                                      |     |     |     |
| <b>Course ID:</b><br>PriF.KAlCh/N-bCAL-032/22                                                                                                                                                                         |     | <b>Course title:</b><br>Introduction to Continuous and Flow Analysis |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |     |                                                                      |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                           |     |                                                                      |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                       |     |                                                                      |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |     |                                                                      |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                                                      |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                                                      |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                                                      |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                                                      |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                                                      |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                                                      |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                                                      |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                               |     |                                                                      |     |     |     |
| A                                                                                                                                                                                                                     | B   | C                                                                    | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                   | 0,0 | 0,0                                                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Róbert Bodor, PhD., doc. RNDr. Radoslav Halko, PhD.                                                                                                                                      |     |                                                                      |     |     |     |
| <b>Last change:</b> 30.09.2022                                                                                                                                                                                        |     |                                                                      |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |     |                                                                      |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |      |                                                           |     |      |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------|-----|------|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |      |                                                           |     |      |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |      |                                                           |     |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |      |                                                           |     |      |     |
| <b>Course ID:</b><br>PriF.KAlCh/N-bCAL-037/22                                                                                                                                                                         |      | <b>Course title:</b><br>Introduction to Mass Spectrometry |     |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |      |                                                           |     |      |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                           |      |                                                           |     |      |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                       |      |                                                           |     |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |      |                                                           |     |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |      |                                                           |     |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |      |                                                           |     |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |      |                                                           |     |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |      |                                                           |     |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |      |                                                           |     |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |      |                                                           |     |      |     |
| <b>Notes:</b>                                                                                                                                                                                                         |      |                                                           |     |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                                               |      |                                                           |     |      |     |
| A                                                                                                                                                                                                                     | B    | C                                                         | D   | E    | FX  |
| 25,0                                                                                                                                                                                                                  | 50,0 | 0,0                                                       | 0,0 | 25,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Andrea Vojs Staňová, PhD.                                                                                                                                                                |      |                                                           |     |      |     |
| <b>Last change:</b> 30.09.2022                                                                                                                                                                                        |      |                                                           |     |      |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |      |                                                           |     |      |     |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |     |                                                                                  |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |     |                                                                                  |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |     |                                                                                  |     |     |     |
| <b>Course ID:</b><br>PriF.KFTCh/N_bCFZ-042/22                                                                                                                                                                         |     | <b>Course title:</b><br>Introduction to Mathematical Processing of Chemical Data |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |     |                                                                                  |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                           |     |                                                                                  |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                       |     |                                                                                  |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |     |                                                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                                               |     |                                                                                  |     |     |     |
| A                                                                                                                                                                                                                     | B   | C                                                                                | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                 | 0,0 | 0,0                                                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Michal Pitoňák, PhD., Ing. Roman Szücs, PhD.                                                                                                                                              |     |                                                                                  |     |     |     |
| <b>Last change:</b> 17.10.2022                                                                                                                                                                                        |     |                                                                                  |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |     |                                                                                  |     |     |     |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                       |       |                                              |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                     |       |                                              |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                           |       |                                              |      |      |      |
| <b>Course ID:</b><br>PriF.KAICH/N-bCXX-006/22                                                                                                                                                                                                                                                                                                                                         |       | <b>Course title:</b><br>Laboratory Technique |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 4 <b>per level/semester:</b> 56<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                 |       |                                              |      |      |      |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                           |       |                                              |      |      |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                                                                                                                       |       |                                              |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                          |       |                                              |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                 |       |                                              |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                           |       |                                              |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                             |       |                                              |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                |       |                                              |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                        |       |                                              |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                    |       |                                              |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                         |       |                                              |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 121                                                                                                                                                                                                                                                                                                             |       |                                              |      |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                                     | B     | C                                            | D    | E    | FX   |
| 57,02                                                                                                                                                                                                                                                                                                                                                                                 | 30,58 | 6,61                                         | 0,83 | 0,83 | 4,13 |
| <b>Lecturers:</b> doc. RNDr. Radoslav Halko, PhD., RNDr. Jana Chrappová, PhD., doc. RNDr. Monika Jerigová, PhD., RNDr. Csilla Mišľanová, PhD., RNDr. Viera Poláčková, PhD., Mgr. Henrieta Stankovičová, PhD., RNDr. Simona Procházková, PhD., RNDr. Eva Noskovičová, PhD., Mgr. Peter Šramel, PhD., Mgr. Tibor Peňaška, PhD., RNDr. Zuzana Matkovičová, PhD., Mgr. Dominika Lacušková |       |                                              |      |      |      |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                                                                                                                                                                                                        |       |                                              |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                   |       |                                              |      |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                               |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                               |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                               |      |      |      |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-138/22                                                                                                                                                         |       | <b>Course title:</b><br>Latin |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                               |      |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                               |      |      |      |
| <b>Recommended semester:</b> 1., 2..                                                                                                                                                               |       |                               |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                               |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                               |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                               |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                               |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                               |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                               |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                               |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                               |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 285                                                                                                                          |       |                               |      |      |      |
| A                                                                                                                                                                                                  | B     | C                             | D    | E    | FX   |
| 63,16                                                                                                                                                                                              | 15,44 | 7,02                          | 3,86 | 2,46 | 8,07 |
| <b>Lecturers:</b> Mgr. Ivan Lábaj, PhD., RNDr. Tatiana Slováková, PhD.                                                                                                                             |       |                               |      |      |      |
| <b>Last change:</b> 07.11.2022                                                                                                                                                                     |       |                               |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                               |      |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                     |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                     |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                                                     |     |     |      |
| <b>Course ID:</b><br>PriF.KPI/N-XXXX-008/21                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | <b>Course title:</b><br>Man as a part of the nature |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                         |     |                                                     |     |     |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                                                     |     |     |      |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |                                                     |     |     |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                     |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |                                                     |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                                                     |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |                                                     |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                                                     |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |                                                     |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                                     |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |                                                     |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 954                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |                                                     |     |     |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | B   | C                                                   | D   | E   | FX   |
| 90,04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0,1 | 0,0                                                 | 0,0 | 0,1 | 9,75 |
| <b>Lecturers:</b> 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. |     |                                                     |     |     |      |
| <b>Last change:</b> 09.11.2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |                                                     |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |                                                     |     |     |      |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------|-------|-------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |      |                                                       |       |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |      |                                                       |       |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |      |                                                       |       |       |      |
| <b>Course ID:</b><br>PriF/N-bCXX-150/22                                                                                                                                                                               |      | <b>Course title:</b><br>Mathematics for the Chemistry |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 4 / 3 <b>per level/semester:</b> 56 / 42<br><b>Form of the course:</b> on-site learning |      |                                                       |       |       |      |
| <b>Number of credits:</b> 7                                                                                                                                                                                           |      |                                                       |       |       |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                       |      |                                                       |       |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                          |      |                                                       |       |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |      |                                                       |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                           |      |                                                       |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |      |                                                       |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                |      |                                                       |       |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                        |      |                                                       |       |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |      |                                                       |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                                         |      |                                                       |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 132                                                                                                                                             |      |                                                       |       |       |      |
| A                                                                                                                                                                                                                     | B    | C                                                     | D     | E     | FX   |
| 11,36                                                                                                                                                                                                                 | 9,09 | 8,33                                                  | 18,18 | 28,03 | 25,0 |
| <b>Lecturers:</b> Mgr. Zuzana Šinská, PaedDr. Ladislav Janiga, PaedDr. Barbora Gejdošová, Mgr. Karolína Šromeková, PhD.                                                                                               |      |                                                       |       |       |      |
| <b>Last change:</b> 17.10.2022                                                                                                                                                                                        |      |                                                       |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                   |      |                                                       |       |       |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |       |                                                 |      |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |       |                                                 |      |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |       |                                                 |      |       |      |
| <b>Course ID:</b><br>PriF.KBCh/N-bCBI-015/22                                                                                                                                                                          |       | <b>Course title:</b><br>Methods in Biochemistry |      |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning |       |                                                 |      |       |      |
| <b>Number of credits:</b> 4                                                                                                                                                                                           |       |                                                 |      |       |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                       |       |                                                 |      |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                          |       |                                                 |      |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |       |                                                 |      |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                           |       |                                                 |      |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |       |                                                 |      |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                |       |                                                 |      |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                        |       |                                                 |      |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |       |                                                 |      |       |      |
| <b>Notes:</b>                                                                                                                                                                                                         |       |                                                 |      |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 44                                                                                                                                              |       |                                                 |      |       |      |
| A                                                                                                                                                                                                                     | B     | C                                               | D    | E     | FX   |
| 29,55                                                                                                                                                                                                                 | 11,36 | 22,73                                           | 9,09 | 18,18 | 9,09 |
| <b>Lecturers:</b> Ing. Pavol Sulo, CSc., Mgr. Stanislav Huszár, PhD.                                                                                                                                                  |       |                                                 |      |       |      |
| <b>Last change:</b> 12.09.2022                                                                                                                                                                                        |       |                                                 |      |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                   |       |                                                 |      |       |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |      |                                                      |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |      |                                                      |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                                      |     |     |     |
| <b>Course ID:</b><br>PriF.KOrCh/N-bCXX-023/22                                                                                                                                                      |      | <b>Course title:</b><br>Methods in Chemical Research |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning |      |                                                      |     |     |     |
| <b>Number of credits:</b> 1                                                                                                                                                                        |      |                                                      |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |      |                                                      |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                                      |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                      |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                      |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                      |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                      |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                      |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                      |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                      |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                            |      |                                                      |     |     |     |
| A                                                                                                                                                                                                  | B    | C                                                    | D   | E   | FX  |
| 0,0                                                                                                                                                                                                | 50,0 | 50,0                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Martin Putala, CSc., doc. RNDr. Erik Rakovský, PhD., prof. Ing. Dušan Velič, DrSc.                                                   |      |                                                      |     |     |     |
| <b>Last change:</b> 14.09.2022                                                                                                                                                                     |      |                                                      |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                                      |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                 |       |                                                   |       |       |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------|-------|-------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                 |       |                                                   |       |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                               |       |                                                   |       |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                     |       |                                                   |       |       |      |
| <b>Course ID:</b><br>PriF.KMV/N-bCXX-009/22                                                                                                                                                                                                     |       | <b>Course title:</b><br>Microbiology and Virology |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals / lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning                        |       |                                                   |       |       |      |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                     |       |                                                   |       |       |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                 |       |                                                   |       |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                    |       |                                                   |       |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                           |       |                                                   |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                     |       |                                                   |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                       |       |                                                   |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                          |       |                                                   |       |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                  |       |                                                   |       |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                              |       |                                                   |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                                                                   |       |                                                   |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 119                                                                                                                                                                       |       |                                                   |       |       |      |
| A                                                                                                                                                                                                                                               | B     | C                                                 | D     | E     | FX   |
| 24,37                                                                                                                                                                                                                                           | 26,89 | 21,85                                             | 12,61 | 10,92 | 3,36 |
| <b>Lecturers:</b> prof. RNDr. Helena Bujdáková, CSc., prof. RNDr. Yvetta 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. |       |                                                   |       |       |      |
| <b>Last change:</b> 12.09.2022                                                                                                                                                                                                                  |       |                                                   |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                                             |       |                                                   |       |       |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                      |       |                                           |      |      |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                      |       |                                           |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                    |       |                                           |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                          |       |                                           |      |      |      |
| <b>Course ID:</b><br>PriF.KOrCh/N-bBXX-026/22                                                                                                                                                                                                        |       | <b>Course title:</b><br>Natural Compounds |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning                                |       |                                           |      |      |      |
| <b>Type, volume, methods and workload of the student - additional information</b><br>Forma výučby: prednáška / seminár<br>Odporúčaný rozsah výučby (v hodinách):<br>Týždenný: 1 h / 1 h   Za obdobie štúdia: 13 h / 13 h<br>Metóda štúdia: prezenčná |       |                                           |      |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                          |       |                                           |      |      |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                      |       |                                           |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                         |       |                                           |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                |       |                                           |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                          |       |                                           |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                            |       |                                           |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                               |       |                                           |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                       |       |                                           |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                   |       |                                           |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                        |       |                                           |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 31                                                                                                                                                                             |       |                                           |      |      |      |
| A                                                                                                                                                                                                                                                    | B     | C                                         | D    | E    | FX   |
| 32,26                                                                                                                                                                                                                                                | 32,26 | 9,68                                      | 9,68 | 3,23 | 12,9 |
| <b>Lecturers:</b> Mgr. Ambroz Almásky, PhD.                                                                                                                                                                                                          |       |                                           |      |      |      |
| <b>Last change:</b> 14.09.2022                                                                                                                                                                                                                       |       |                                           |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                  |       |                                           |      |      |      |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                 |     |                                                         |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                               |     |                                                         |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                     |     |                                                         |     |     |     |
| <b>Course ID:</b><br>PriF.KOrCh/N-bCOR-023/22                                                                                                                                                                                                   |     | <b>Course title:</b><br>New Trends in Organic Chemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning                           |     |                                                         |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                     |     |                                                         |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                 |     |                                                         |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                    |     |                                                         |     |     |     |
| <b>Prerequisites:</b> PriF.KOrCh/N-bCXX-047/22 - Organic Chemistry 1                                                                                                                                                                            |     |                                                         |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                     |     |                                                         |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                       |     |                                                         |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                          |     |                                                         |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                  |     |                                                         |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                              |     |                                                         |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                                                   |     |                                                         |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 10                                                                                                                                                                        |     |                                                         |     |     |     |
| A                                                                                                                                                                                                                                               | B   | C                                                       | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                                           | 0,0 | 0,0                                                     | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Martin Putala, CSc., doc. RNDr. Andrej Boháč, CSc., doc. RNDr. Peter Magdolen, PhD., RNDr. Marek Cigán, PhD., Mgr. Henrieta Stankovičová, PhD., prof. Mgr. Radovan Šebesta, DrSc., doc. Ing. Mária Mečiarová, PhD. |     |                                                         |     |     |     |
| <b>Last change:</b> 21.09.2022                                                                                                                                                                                                                  |     |                                                         |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                                             |     |                                                         |     |     |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |     |                                                            |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |     |                                                            |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |     |                                                            |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |     |                                                            |     |     |     |
| <b>Course ID:</b><br>PriF.LPM/N-bLPM-049/22                                                                                                                                                                           |     | <b>Course title:</b><br>Nové trendy v materiállovej chémii |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |     |                                                            |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                           |     |                                                            |     |     |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                       |     |                                                            |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |     |                                                            |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                                            |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                                            |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                                            |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                                            |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                                            |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                                            |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                                            |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                               |     |                                                            |     |     |     |
| A                                                                                                                                                                                                                     | B   | C                                                          | D   | E   | FX  |
| 0,0                                                                                                                                                                                                                   | 0,0 | 0,0                                                        | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> RNDr. Milan Sýkora, PhD., Mgr. Roman Bystrický, PhD., doc. Mgr. Olivier Monfort, PhD., Mgr. Martin Motola, PhD., prof. RNDr. Gustáv Plesch, DrSc.                                                   |     |                                                            |     |     |     |
| <b>Last change:</b> 06.11.2022                                                                                                                                                                                        |     |                                                            |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |     |                                                            |     |     |     |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------|-------|-------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |      |                                             |       |       |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |      |                                             |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |      |                                             |       |       |       |
| <b>Course ID:</b><br>PriF.KJCh/N-bCJD-029/22                                                                                                                                                                          |      | <b>Course title:</b><br>Nuclear chemistry 1 |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14<br><b>Form of the course:</b> on-site learning |      |                                             |       |       |       |
| <b>Number of credits:</b> 3                                                                                                                                                                                           |      |                                             |       |       |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                       |      |                                             |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                                          |      |                                             |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |      |                                             |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                                           |      |                                             |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |      |                                             |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                |      |                                             |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                                        |      |                                             |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |      |                                             |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                         |      |                                             |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 65                                                                                                                                              |      |                                             |       |       |       |
| A                                                                                                                                                                                                                     | B    | C                                           | D     | E     | FX    |
| 20,0                                                                                                                                                                                                                  | 7,69 | 15,38                                       | 15,38 | 24,62 | 16,92 |
| <b>Lecturers:</b> prof. RNDr. Michal Galamboš, PhD., doc. RNDr. Eva Viglašová, PhD.                                                                                                                                   |      |                                             |       |       |       |
| <b>Last change:</b> 17.04.2023                                                                                                                                                                                        |      |                                             |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                                   |      |                                             |       |       |       |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |      |                                               |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |      |                                               |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |      |                                               |     |     |     |
| <b>Course ID:</b><br>PriF.KFTCh/N-bCXX-024/22                                                                                                                                                                         |      | <b>Course title:</b><br>Numerical mathematics |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14<br><b>Form of the course:</b> on-site learning |      |                                               |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                           |      |                                               |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                       |      |                                               |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |      |                                               |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |      |                                               |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |      |                                               |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |      |                                               |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |      |                                               |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |      |                                               |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |      |                                               |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |      |                                               |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 16                                                                                                                                              |      |                                               |     |     |     |
| A                                                                                                                                                                                                                     | B    | C                                             | D   | E   | FX  |
| 75,0                                                                                                                                                                                                                  | 12,5 | 12,5                                          | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Pavel Neogrady, DrSc., doc. Mgr. Michal Pitoňák, PhD.                                                                                                                                     |      |                                               |     |     |     |
| <b>Last change:</b> 19.09.2022                                                                                                                                                                                        |      |                                               |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |      |                                               |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |      |                                                                  |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |      |                                                                  |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |      |                                                                  |     |     |     |
| <b>Course ID:</b><br>PriF.KAlCh/N-bCXX-018/22                                                                                                                                                      |      | <b>Course title:</b><br>Optional Seminar in Analytical Chemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning |      |                                                                  |     |     |     |
| <b>Number of credits:</b> 1                                                                                                                                                                        |      |                                                                  |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                    |      |                                                                  |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |      |                                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |      |                                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |      |                                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |      |                                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |      |                                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |      |                                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |      |                                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |      |                                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 30                                                                                                                           |      |                                                                  |     |     |     |
| A                                                                                                                                                                                                  | B    | C                                                                | D   | E   | FX  |
| 90,0                                                                                                                                                                                               | 10,0 | 0,0                                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Róbert Bodor, PhD., doc. RNDr. Radoslav Halko, PhD.                                                                                                                   |      |                                                                  |     |     |     |
| <b>Last change:</b> 12.12.2022                                                                                                                                                                     |      |                                                                  |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |      |                                                                  |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------|-----|-------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                                 |     |       |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                                 |     |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                                 |     |       |       |
| <b>Course ID:</b><br>PriF.KAgCh/N-bCAG-023/22                                                                                                                                                      |       | <b>Course title:</b><br>Optional Seminar in Inorganic Chemistry |     |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                                 |     |       |       |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                                 |     |       |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |       |                                                                 |     |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                                 |     |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                                 |     |       |       |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                                 |     |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                                 |     |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                                 |     |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                                 |     |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                                 |     |       |       |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                                 |     |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 27                                                                                                                           |       |                                                                 |     |       |       |
| A                                                                                                                                                                                                  | B     | C                                                               | D   | E     | FX    |
| 44,44                                                                                                                                                                                              | 14,81 | 18,52                                                           | 0,0 | 11,11 | 11,11 |
| <b>Lecturers:</b> RNDr. Jana Chrappová, PhD.                                                                                                                                                       |       |                                                                 |     |       |       |
| <b>Last change:</b> 09.10.2022                                                                                                                                                                     |       |                                                                 |     |       |       |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                                 |     |       |       |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------|------|------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |      |                                             |      |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |      |                                             |      |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |      |                                             |      |      |       |
| <b>Course ID:</b><br>PriF.KOrCh/N-bCXX-047/22                                                                                                                                                                         |      | <b>Course title:</b><br>Organic Chemistry 1 |      |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 4 / 2 <b>per level/semester:</b> 56 / 28<br><b>Form of the course:</b> on-site learning |      |                                             |      |      |       |
| <b>Number of credits:</b> 6                                                                                                                                                                                           |      |                                             |      |      |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                       |      |                                             |      |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                                          |      |                                             |      |      |       |
| <b>Prerequisites:</b> PriF.KAgCh/N-bCXX-010/22 - General Chemistry                                                                                                                                                    |      |                                             |      |      |       |
| <b>Course requirements:</b>                                                                                                                                                                                           |      |                                             |      |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |      |                                             |      |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                |      |                                             |      |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                                        |      |                                             |      |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |      |                                             |      |      |       |
| <b>Notes:</b>                                                                                                                                                                                                         |      |                                             |      |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 67                                                                                                                                              |      |                                             |      |      |       |
| A                                                                                                                                                                                                                     | B    | C                                           | D    | E    | FX    |
| 23,88                                                                                                                                                                                                                 | 8,96 | 13,43                                       | 8,96 | 7,46 | 37,31 |
| <b>Lecturers:</b> Mgr. Henrieta Stankovičová, PhD., doc. Ing. Mária Mečiarová, PhD.                                                                                                                                   |      |                                             |      |      |       |
| <b>Last change:</b> 22.08.2023                                                                                                                                                                                        |      |                                             |      |      |       |
| <b>Approved by:</b>                                                                                                                                                                                                   |      |                                             |      |      |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                  |      |                                                   |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                |      |                                                   |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                      |      |                                                   |      |      |      |
| <b>Course ID:</b><br>PriF.KOrCh/N-bCXX-012/22                                                                                                                                                                                                                                                                                                                                                    |      | <b>Course title:</b><br>Perspectives in Chemistry |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                               |      |                                                   |      |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                      |      |                                                   |      |      |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                                                                                                                                  |      |                                                   |      |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                     |      |                                                   |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                            |      |                                                   |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                      |      |                                                   |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                        |      |                                                   |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                           |      |                                                   |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                   |      |                                                   |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                               |      |                                                   |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                    |      |                                                   |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 18                                                                                                                                                                                                                                                                                                                         |      |                                                   |      |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                | B    | C                                                 | D    | E    | FX   |
| 27,78                                                                                                                                                                                                                                                                                                                                                                                            | 50,0 | 5,56                                              | 5,56 | 5,56 | 5,56 |
| <b>Lecturers:</b> doc. RNDr. Martin Putala, CSc., doc. RNDr. Oľga Rosскопfová, PhD., prof. Ing. Dušan Velič, DrSc., prof. RNDr. Ivan Černušák, DrSc., RNDr. Milan Sýkora, PhD., Mgr. Peter Hrobárik, PhD., doc. RNDr. Erik Rakovský, PhD., RNDr. Marek Cigán, PhD., prof. RNDr. Marian Masár, PhD., doc. Mgr. Peter Polčic, PhD., doc. RNDr. Radoslav Halko, PhD., doc. RNDr. Andrej Boháč, CSc. |      |                                                   |      |      |      |
| <b>Last change:</b> 10.10.2022                                                                                                                                                                                                                                                                                                                                                                   |      |                                                   |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                              |      |                                                   |      |      |      |

## COURSE DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------|------|-----|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                          |       |                                                   |      |     |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                        |       |                                                   |      |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                              |       |                                                   |      |     |       |
| <b>Course ID:</b><br>PriF.KJCh/N-XXXX-011/21                                                                                                                                                                                             |       | <b>Course title:</b><br>Perspectives in Chemistry |      |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                       |       |                                                   |      |     |       |
| <b>Number of credits:</b> 2                                                                                                                                                                                                              |       |                                                   |      |     |       |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                                                  |       |                                                   |      |     |       |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                        |       |                                                   |      |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                    |       |                                                   |      |     |       |
| <b>Course requirements:</b>                                                                                                                                                                                                              |       |                                                   |      |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                |       |                                                   |      |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                   |       |                                                   |      |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                                                           |       |                                                   |      |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                       |       |                                                   |      |     |       |
| <b>Notes:</b>                                                                                                                                                                                                                            |       |                                                   |      |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 36                                                                                                                                                                 |       |                                                   |      |     |       |
| A                                                                                                                                                                                                                                        | B     | C                                                 | D    | E   | FX    |
| 27,78                                                                                                                                                                                                                                    | 41,67 | 13,89                                             | 2,78 | 0,0 | 13,89 |
| <b>Lecturers:</b> RNDr. Marek Cigáň, PhD., doc. RNDr. Martin Putala, CSc., prof. Ing. Dušan Velič, DrSc., prof. RNDr. Ivan Černušák, DrSc., doc. RNDr. Erik Rakovský, PhD., Mgr. Peter Hrobárik, PhD., doc. RNDr. Oľga Roszkopfová, PhD. |       |                                                   |      |     |       |
| <b>Last change:</b> 07.11.2022                                                                                                                                                                                                           |       |                                                   |      |     |       |
| <b>Approved by:</b>                                                                                                                                                                                                                      |       |                                                   |      |     |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |                                                      |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                      |     |                                                      |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                      |     |     |      |
| <b>Course ID:</b><br>PriF.KBCh/N-bCBI-003/22                                                                                                                                                                                                                                                                                                                                                                                                                           |     | <b>Course title:</b><br>Perspectives of Biochemistry |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                     |     |                                                      |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                      |     |     |      |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |                                                      |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |                                                      |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |                                                      |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                      |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |                                                      |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |                                                      |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                                      |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                                                      |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                      |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 8                                                                                                                                                                                                                                                                                                                                                                                                |     |                                                      |     |     |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | B   | C                                                    | D   | E   | FX   |
| 87,5                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,0 | 0,0                                                  | 0,0 | 0,0 | 12,5 |
| <b>Lecturers:</b> doc. RNDr. Marek Mentel, PhD., Mgr. Filip Brázdovič, PhD., Mgr. Andrea Cillingová, PhD., prof. RNDr. Anton Horváth, CSc., Mgr. Stanislav Huszár, PhD., Mgr. Petra Chovančíková, PhD., prof. RNDr. Marta Kollárová, DrSc., doc. RNDr. Jana Korduláková, PhD., prof. RNDr. Katarína Mikušová, DrSc., Ing. Martina Neboháčová, PhD., doc. Mgr. Peter Polčic, PhD., RNDr. Ingrid Sveráková, PhD., doc. RNDr. Igor Zeman, PhD., Mgr. Júlia Zemanová, PhD. |     |                                                      |     |     |      |
| <b>Last change:</b> 19.09.2022                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                                      |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |                                                      |     |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |                                                      |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                      |     |                                                      |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                      |     |     |      |
| <b>Course ID:</b><br>PriF.KBCh/N-XXXX-010/22                                                                                                                                                                                                                                                                                                                                                                                                                           |     | <b>Course title:</b><br>Perspectives of Biochemistry |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                     |     |                                                      |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                      |     |     |      |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                                                      |     |     |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |                                                      |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |                                                      |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                      |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |                                                      |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |                                                      |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                                      |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                                                      |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                                                      |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 96                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                      |     |     |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | B   | C                                                    | D   | E   | FX   |
| 93,75                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0,0 | 0,0                                                  | 0,0 | 0,0 | 6,25 |
| <b>Lecturers:</b> doc. RNDr. Marek Mentel, PhD., Mgr. Filip Brázdovič, PhD., Mgr. Andrea Cillingová, PhD., prof. RNDr. Anton Horváth, CSc., Mgr. Stanislav Huszár, PhD., Mgr. Petra Chovančíková, PhD., prof. RNDr. Marta Kollárová, DrSc., doc. RNDr. Jana Korduláková, PhD., prof. RNDr. Katarína Mikušová, DrSc., Ing. Martina Neboháčová, PhD., doc. Mgr. Peter Polčic, PhD., RNDr. Ingrid Sveráková, PhD., doc. RNDr. Igor Zeman, PhD., Mgr. Júlia Zemanová, PhD. |     |                                                      |     |     |      |
| <b>Last change:</b> 19.09.2022                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                                      |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |                                                      |     |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                     |     |       |                                                         |     |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                   |     |       |                                                         |     |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                         |     |       |                                                         |     |      |      |
| <b>Course ID:</b><br>PriF.KFR/N-bBXX-002/22                                                                                                                                                                                                                                                                                                                                         |     |       | <b>Course title:</b><br>Perspectives of Current Biology |     |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                  |     |       |                                                         |     |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                         |     |       |                                                         |     |      |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                                                                                                                     |     |       |                                                         |     |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                        |     |       |                                                         |     |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                               |     |       |                                                         |     |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                         |     |       |                                                         |     |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                           |     |       |                                                         |     |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                              |     |       |                                                         |     |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                      |     |       |                                                         |     |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                  |     |       |                                                         |     |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                       |     |       |                                                         |     |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 539                                                                                                                                                                                                                                                                                                           |     |       |                                                         |     |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                                   | ABS | B     | C                                                       | D   | E    | FX   |
| 69,94                                                                                                                                                                                                                                                                                                                                                                               | 0,0 | 12,43 | 6,68                                                    | 1,3 | 0,93 | 8,72 |
| <b>Lecturers:</b> doc. Mgr. Michal Martinka, PhD., prof. RNDr. Ľubomír Tomáška, DrSc., prof. RNDr. Karol Mičieta, PhD., doc. RNDr. Radoslav Beňuš, PhD., prof. RNDr. Ján Turňa, CSc., prof. RNDr. Michal Zeman, DrSc., doc. Mgr. Peter Vďačný, PhD., doc. RNDr. Stanislav Stuchlík, PhD., prof. RNDr. Yvetta Gbelská, CSc., doc. RNDr. Tomáš Derka, PhD., RNDr. Boris Klempa, DrSc. |     |       |                                                         |     |      |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                                                                                                                                      |     |       |                                                         |     |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                 |     |       |                                                         |     |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |       |                                              |       |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |       |                                              |       |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |       |                                              |       |      |       |
| <b>Course ID:</b><br>PriF.KFTCh/N-bCXX-025/22                                                                                                                                                                         |       | <b>Course title:</b><br>Physical Chemistry 1 |       |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 4 / 2 <b>per level/semester:</b> 56 / 28<br><b>Form of the course:</b> on-site learning |       |                                              |       |      |       |
| <b>Number of credits:</b> 6                                                                                                                                                                                           |       |                                              |       |      |       |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                       |       |                                              |       |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                                          |       |                                              |       |      |       |
| <b>Prerequisites:</b> PriF.KAgCh/N-bCXX-010/22 - General Chemistry                                                                                                                                                    |       |                                              |       |      |       |
| <b>Course requirements:</b>                                                                                                                                                                                           |       |                                              |       |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |       |                                              |       |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                |       |                                              |       |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                                        |       |                                              |       |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |       |                                              |       |      |       |
| <b>Notes:</b>                                                                                                                                                                                                         |       |                                              |       |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 78                                                                                                                                              |       |                                              |       |      |       |
| A                                                                                                                                                                                                                     | B     | C                                            | D     | E    | FX    |
| 23,08                                                                                                                                                                                                                 | 16,67 | 19,23                                        | 15,38 | 7,69 | 17,95 |
| <b>Lecturers:</b> doc. RNDr. Ivan Valent, CSc., prof. Ing. Dušan Velič, DrSc., doc. Mgr. Pavel Neogrady, DrSc., prof. RNDr. Vladimír Kellö, DrSc.                                                                     |       |                                              |       |      |       |
| <b>Last change:</b> 21.09.2022                                                                                                                                                                                        |       |                                              |       |      |       |
| <b>Approved by:</b>                                                                                                                                                                                                   |       |                                              |       |      |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |       |                                              |       |       |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |       |                                              |       |       |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |       |                                              |       |       |     |
| <b>Course ID:</b><br>PriF.KFTCh/N-bCXX-023/22                                                                                                                                                                         |       | <b>Course title:</b><br>Physical Chemistry 2 |       |       |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14<br><b>Form of the course:</b> on-site learning |       |                                              |       |       |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                           |       |                                              |       |       |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                       |       |                                              |       |       |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |       |                                              |       |       |     |
| <b>Prerequisites:</b> PriF.KFTCh/N-bCXX-025/22 - Physical Chemistry 1                                                                                                                                                 |       |                                              |       |       |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |       |                                              |       |       |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |       |                                              |       |       |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |       |                                              |       |       |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |       |                                              |       |       |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |       |                                              |       |       |     |
| <b>Notes:</b>                                                                                                                                                                                                         |       |                                              |       |       |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 23                                                                                                                                              |       |                                              |       |       |     |
| A                                                                                                                                                                                                                     | B     | C                                            | D     | E     | FX  |
| 26,09                                                                                                                                                                                                                 | 30,43 | 13,04                                        | 17,39 | 13,04 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Ivan Valent, CSc., prof. Ing. Dušan Velič, DrSc., doc. Mgr. Pavel Neogrady, DrSc., RNDr. Lukáš Félix Pašteka, PhD.                                                                       |       |                                              |       |       |     |
| <b>Last change:</b> 17.10.2022                                                                                                                                                                                        |       |                                              |       |       |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |       |                                              |       |       |     |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                            |      |                                              |      |     |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------|------|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                            |      |                                              |      |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                          |      |                                              |      |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                |      |                                              |      |     |      |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-101/22                                                                                                                                                                                                                                |      | <b>Course title:</b><br>Physical Education 1 |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                      |      |                                              |      |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                |      |                                              |      |     |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                            |      |                                              |      |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                               |      |                                              |      |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                      |      |                                              |      |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                |      |                                              |      |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                  |      |                                              |      |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                     |      |                                              |      |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                             |      |                                              |      |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                         |      |                                              |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                              |      |                                              |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 744                                                                                                                                                                                                  |      |                                              |      |     |      |
| A                                                                                                                                                                                                                                                                          | B    | C                                            | D    | E   | FX   |
| 91,13                                                                                                                                                                                                                                                                      | 1,34 | 0,27                                         | 0,27 | 0,0 | 6,99 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Strečanská |      |                                              |      |     |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                             |      |                                              |      |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                        |      |                                              |      |     |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                            |     |                                              |     |     |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                            |     |                                              |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                          |     |                                              |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                |     |                                              |     |     |      |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-102/22                                                                                                                                                                                                                                |     | <b>Course title:</b><br>Physical Education 2 |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week: 2 per level/semester: 28</b><br><b>Form of the course:</b> on-site learning                                                                             |     |                                              |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                |     |                                              |     |     |      |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                            |     |                                              |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                               |     |                                              |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                      |     |                                              |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                |     |                                              |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                  |     |                                              |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                     |     |                                              |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                             |     |                                              |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                         |     |                                              |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                              |     |                                              |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 336                                                                                                                                                                                                  |     |                                              |     |     |      |
| A                                                                                                                                                                                                                                                                          | B   | C                                            | D   | E   | FX   |
| 94,35                                                                                                                                                                                                                                                                      | 0,0 | 0,0                                          | 0,0 | 0,3 | 5,36 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Strečanská |     |                                              |     |     |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                             |     |                                              |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                        |     |                                              |     |     |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------|-----|------|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                            |      |                                              |     |      |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                          |      |                                              |     |      |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                |      |                                              |     |      |     |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-103/22                                                                                                                                                                                                                                |      | <b>Course title:</b><br>Physical Education 3 |     |      |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                      |      |                                              |     |      |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                |      |                                              |     |      |     |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                            |      |                                              |     |      |     |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                               |      |                                              |     |      |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                      |      |                                              |     |      |     |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                |      |                                              |     |      |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                  |      |                                              |     |      |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                     |      |                                              |     |      |     |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                             |      |                                              |     |      |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                         |      |                                              |     |      |     |
| <b>Notes:</b>                                                                                                                                                                                                                                                              |      |                                              |     |      |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 440                                                                                                                                                                                                  |      |                                              |     |      |     |
| A                                                                                                                                                                                                                                                                          | B    | C                                            | D   | E    | FX  |
| 95,68                                                                                                                                                                                                                                                                      | 0,68 | 0,91                                         | 0,0 | 0,23 | 2,5 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Strečanská |      |                                              |     |      |     |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                             |      |                                              |     |      |     |
| <b>Approved by:</b>                                                                                                                                                                                                                                                        |      |                                              |     |      |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------|------|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                            |      |                                              |      |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                          |      |                                              |      |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                |      |                                              |      |     |      |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-104/22                                                                                                                                                                                                                                |      | <b>Course title:</b><br>Physical Education 4 |      |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                      |      |                                              |      |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                |      |                                              |      |     |      |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                                                                            |      |                                              |      |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                               |      |                                              |      |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                      |      |                                              |      |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                |      |                                              |      |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                  |      |                                              |      |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                     |      |                                              |      |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                             |      |                                              |      |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                         |      |                                              |      |     |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                              |      |                                              |      |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 283                                                                                                                                                                                                  |      |                                              |      |     |      |
| A                                                                                                                                                                                                                                                                          | B    | C                                            | D    | E   | FX   |
| 96,82                                                                                                                                                                                                                                                                      | 0,35 | 0,35                                         | 0,35 | 0,0 | 2,12 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Strečanská |      |                                              |      |     |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                             |      |                                              |      |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                        |      |                                              |      |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                            |      |                                              |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                          |      |                                              |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                |      |                                              |     |     |      |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-105/22                                                                                                                                                                                                                                |      | <b>Course title:</b><br>Physical Education 5 |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week: 2 per level/semester: 28</b><br><b>Form of the course:</b> on-site learning                                                                             |      |                                              |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                |      |                                              |     |     |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                                                            |      |                                              |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                               |      |                                              |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                      |      |                                              |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                |      |                                              |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                  |      |                                              |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                     |      |                                              |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                             |      |                                              |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                         |      |                                              |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                              |      |                                              |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 349                                                                                                                                                                                                  |      |                                              |     |     |      |
| A                                                                                                                                                                                                                                                                          | B    | C                                            | D   | E   | FX   |
| 96,56                                                                                                                                                                                                                                                                      | 0,57 | 0,0                                          | 0,0 | 0,0 | 2,87 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Strečanská |      |                                              |     |     |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                             |      |                                              |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                        |      |                                              |     |     |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                            |     |                                              |     |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                          |     |                                              |     |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                |     |                                              |     |      |      |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-106/22                                                                                                                                                                                                                                |     | <b>Course title:</b><br>Physical Education 6 |     |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week: 2 per level/semester: 28</b><br><b>Form of the course:</b> on-site learning                                                                             |     |                                              |     |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                |     |                                              |     |      |      |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                                                                            |     |                                              |     |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                               |     |                                              |     |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                      |     |                                              |     |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                |     |                                              |     |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                  |     |                                              |     |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                     |     |                                              |     |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                             |     |                                              |     |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                         |     |                                              |     |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                              |     |                                              |     |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 312                                                                                                                                                                                                  |     |                                              |     |      |      |
| A                                                                                                                                                                                                                                                                          | B   | C                                            | D   | E    | FX   |
| 95,83                                                                                                                                                                                                                                                                      | 0,0 | 0,0                                          | 0,0 | 0,32 | 3,85 |
| <b>Lecturers:</b> Mgr. Kristína Vanýsková, PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Ján Krošlák, Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, PaedDr. Vladimír Pajkoš, Mgr. Dana Szélllová, Mgr. Denisa Strečanská |     |                                              |     |      |      |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                                                                                             |     |                                              |     |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                        |     |                                              |     |      |      |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------|-------|-------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |      |                                                   |       |       |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |      |                                                   |       |       |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |      |                                                   |       |       |       |
| <b>Course ID:</b><br>PriF-FMFI.KEF/N-<br>bCXX-016/15                                                                                                                                                                  |      | <b>Course title:</b><br>Physics for the Chemistry |       |       |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 4 / 3 <b>per level/semester:</b> 56 / 42<br><b>Form of the course:</b> on-site learning |      |                                                   |       |       |       |
| <b>Number of credits:</b> 7                                                                                                                                                                                           |      |                                                   |       |       |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                       |      |                                                   |       |       |       |
| <b>Educational level:</b> I.                                                                                                                                                                                          |      |                                                   |       |       |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |      |                                                   |       |       |       |
| <b>Course requirements:</b>                                                                                                                                                                                           |      |                                                   |       |       |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |      |                                                   |       |       |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                |      |                                                   |       |       |       |
| <b>Recommended literature:</b>                                                                                                                                                                                        |      |                                                   |       |       |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |      |                                                   |       |       |       |
| <b>Notes:</b>                                                                                                                                                                                                         |      |                                                   |       |       |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 484                                                                                                                                             |      |                                                   |       |       |       |
| A                                                                                                                                                                                                                     | B    | C                                                 | D     | E     | FX    |
| 8,26                                                                                                                                                                                                                  | 8,68 | 13,22                                             | 15,29 | 30,37 | 24,17 |
| <b>Lecturers:</b> prof. RNDr. Peter Markoš, DrSc., Mgr. Marián Danko, PhD., RNDr. Ladislav Moravský, PhD., RNDr. Matúš Sámel, PhD., RNDr. Michal Ďurian, PhD.                                                         |      |                                                   |       |       |       |
| <b>Last change:</b> 18.10.2022                                                                                                                                                                                        |      |                                                   |       |       |       |
| <b>Approved by:</b>                                                                                                                                                                                                   |      |                                                   |       |       |       |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------|-----|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                  |     |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                  |     |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                  |     |      |      |
| <b>Course ID:</b><br>PriF.KBo/N-XXXX-003/21                                                                                                                                                        |       | <b>Course title:</b><br>Plants known and unknown |     |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                  |     |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                                        |       |                                                  |     |      |      |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                            |       |                                                  |     |      |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                  |       |                                                  |     |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                  |     |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                  |     |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                  |     |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                  |     |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                  |     |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                  |     |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                  |     |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 839                                                                                                                          |       |                                                  |     |      |      |
| A                                                                                                                                                                                                  | B     | C                                                | D   | E    | FX   |
| 63,77                                                                                                                                                                                              | 24,43 | 6,2                                              | 0,0 | 2,38 | 3,22 |
| <b>Lecturers:</b> Ing. Mgr. Eva Zahradníková, PhD., doc. Mgr. Katarína Mišíková, PhD., doc. RNDr. Jana Ščevková, PhD.                                                                              |       |                                                  |     |      |      |
| <b>Last change:</b> 30.08.2022                                                                                                                                                                     |       |                                                  |     |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                  |     |      |      |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                 |     |                                                                    |     |     |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------|-----|-----|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                 |     |                                                                    |     |     |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                               |     |                                                                    |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                     |     |                                                                    |     |     |       |
| <b>Course ID:</b><br>PriF.KRGRR/N-XXXX-002/21                                                                                                                                                                                                                                                                                                                                   |     | <b>Course title:</b><br>Practical Geography for Natural Scientists |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning                                                                                                                                                           |     |                                                                    |     |     |       |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                     |     |                                                                    |     |     |       |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                                                                                                                                                                                         |     |                                                                    |     |     |       |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                                                                                                                                               |     |                                                                    |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                           |     |                                                                    |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                     |     |                                                                    |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                       |     |                                                                    |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                          |     |                                                                    |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                  |     |                                                                    |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                              |     |                                                                    |     |     |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                   |     |                                                                    |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 58                                                                                                                                                                                                                                                                                                        |     |                                                                    |     |     |       |
| A                                                                                                                                                                                                                                                                                                                                                                               | B   | C                                                                  | D   | E   | FX    |
| 84,48                                                                                                                                                                                                                                                                                                                                                                           | 0,0 | 0,0                                                                | 0,0 | 0,0 | 15,52 |
| <b>Lecturers:</b> 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., Mgr. Martin Šveda, PhD., prof. RNDr. Ladislav Tolmáči, PhD., RNDr. Mgr. Anna Tolmáči, PhD., Mgr. Gabriel Zubriczký, PhD. |     |                                                                    |     |     |       |
| <b>Last change:</b> 15.05.2021                                                                                                                                                                                                                                                                                                                                                  |     |                                                                    |     |     |       |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                             |     |                                                                    |     |     |       |

## COURSE DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------|------|------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                            |      |                                                        |      |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                          |      |                                                        |      |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                |      |                                                        |      |      |      |
| <b>Course ID:</b><br>PriF.KIHG/N-XXXX-012/21                                                                                                                                                                                                                                                                                                                                                               |      | <b>Course title:</b><br>Practical Geology for Everyone |      |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                         |      |                                                        |      |      |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                |      |                                                        |      |      |      |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                                                                                                                                                                                                                    |      |                                                        |      |      |      |
| <b>Educational level:</b> I., II.                                                                                                                                                                                                                                                                                                                                                                          |      |                                                        |      |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                        |      |      |      |
| <b>Course requirements:</b>                                                                                                                                                                                                                                                                                                                                                                                |      |                                                        |      |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                        |      |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                     |      |                                                        |      |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                                                                                                                                                                                                                             |      |                                                        |      |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                                                                                                                                                                                                         |      |                                                        |      |      |      |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                              |      |                                                        |      |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 185                                                                                                                                                                                                                                                                                                                                  |      |                                                        |      |      |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                          | B    | C                                                      | D    | E    | FX   |
| 77,3                                                                                                                                                                                                                                                                                                                                                                                                       | 7,57 | 4,32                                                   | 3,24 | 1,08 | 6,49 |
| <b>Lecturers:</b> 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. |      |                                                        |      |      |      |
| <b>Last change:</b> 18.09.2022                                                                                                                                                                                                                                                                                                                                                                             |      |                                                        |      |      |      |
| <b>Approved by:</b>                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                        |      |      |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                       |     |                                                                           |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                     |     |                                                                           |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |     |                                                                           |     |     |     |
| <b>Course ID:</b><br>PriF.KBCh/N-bCBI-026/22                                                                                                                                                          |     | <b>Course title:</b><br>Practical for a Bachelor's Thesis in Biochemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 7 <b>per level/semester:</b> 98<br><b>Form of the course:</b> on-site learning |     |                                                                           |     |     |     |
| <b>Number of credits:</b> 7                                                                                                                                                                           |     |                                                                           |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                       |     |                                                                           |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                          |     |                                                                           |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |     |                                                                           |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |     |                                                                           |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |     |                                                                           |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |     |                                                                           |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |     |                                                                           |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |     |                                                                           |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |     |                                                                           |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                               |     |                                                                           |     |     |     |
| A                                                                                                                                                                                                     | B   | C                                                                         | D   | E   | FX  |
| 0,0                                                                                                                                                                                                   | 0,0 | 0,0                                                                       | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Katarína Mikušová, DrSc.                                                                                                                                                |     |                                                                           |     |     |     |
| <b>Last change:</b> 27.07.2022                                                                                                                                                                        |     |                                                                           |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                   |     |                                                                           |     |     |     |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------|-----|------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                       |       |                                                             |     |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                     |       |                                                             |     |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |       |                                                             |     |      |       |
| <b>Course ID:</b><br>PriF.KOrCh/N-bCXX-049/22                                                                                                                                                         |       | <b>Course title:</b><br>Practicals in Organic Chemistry (1) |     |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 5 <b>per level/semester:</b> 70<br><b>Form of the course:</b> on-site learning |       |                                                             |     |      |       |
| <b>Number of credits:</b> 5                                                                                                                                                                           |       |                                                             |     |      |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                                       |       |                                                             |     |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                          |       |                                                             |     |      |       |
| <b>Prerequisites:</b> PriF.KAlCh/N-bCXX-006/22 - Laboratory Technique                                                                                                                                 |       |                                                             |     |      |       |
| <b>Course requirements:</b>                                                                                                                                                                           |       |                                                             |     |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                             |       |                                                             |     |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                                |       |                                                             |     |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                        |       |                                                             |     |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |       |                                                             |     |      |       |
| <b>Notes:</b>                                                                                                                                                                                         |       |                                                             |     |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 77                                                                                                                              |       |                                                             |     |      |       |
| A                                                                                                                                                                                                     | B     | C                                                           | D   | E    | FX    |
| 48,05                                                                                                                                                                                                 | 14,29 | 14,29                                                       | 1,3 | 7,79 | 14,29 |
| <b>Lecturers:</b> RNDr. Viera Poláčková, PhD., PharmDr. Ivica Sigmundová, PhD., Mgr. Filip Bulko, PhD., Mgr. Bernard Mravec, PhD., Mgr. Brigita Mudráková, PhD.                                       |       |                                                             |     |      |       |
| <b>Last change:</b> 25.07.2022                                                                                                                                                                        |       |                                                             |     |      |       |
| <b>Approved by:</b>                                                                                                                                                                                   |       |                                                             |     |      |       |

## COURSE DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                    |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                    |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                    |
| <b>Course ID:</b><br>PriF.KBCh/N-bCBI-020/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Course title:</b><br>Principles of Cell Biology |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 2 <b>per level/semester:</b> 28 / 28<br><b>Form of the course:</b> on-site learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                    |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                    |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                    |
| <b>Educational level:</b> I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                    |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                    |
| <b>Course requirements:</b><br>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).<br>Scale of assessment (preliminary/final): 0 /100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                    |
| <b>Learning outcomes:</b><br>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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                    |
| <b>Class syllabus:</b><br>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.<br>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.<br>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.<br>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. |                                                    |

| <p>Mitochondria and chloroplasts. Ultrastructure and function of semiautonomous organelles. Specific roles of mitochondrial and chloroplast membranes. Organelle genomes. Oxidative phosphorylation. Photosynthesis-photophosphorylation.</p> <p>Endoplasmic reticulum, Golgi apparatus. Structure and function. Smooth and rough endoplasmic reticulum, sarcoplasmic reticulum.</p> <p>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.</p> <p>Cytoskeleton as a dynamic structure. Cytoskeletal components. Cytoskeleton as a motive system: vesicular transport, cell motility and cell division.</p> <p>Cell surfaces. Cytoplasmic membrane and cell wall. Extracellular matrix. From individual cells to tissues and multicellular organisms.</p> <p>Cells in a social context. Biofilms. Cells as part of tissues. Epithelium and intercellular connections. Quorum sensing. Intercellular communication and cell death.</p> |       |       |      |      |      |   |   |   |   |   |    |       |       |       |      |      |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|------|------|------|---|---|---|---|---|----|-------|-------|-------|------|------|------|
| <p><b>Recommended literature:</b></p> <p>Alberts et al. (2014) Molecular Biology of the Cell, Garland Science.</p> <p>Alberts et al. (2014) Essential Cell Biology, 5th edition, W. W. Norton &amp; Company.</p> <p>Lodish et al. (2016) Molecular Cell Biology. 8th edition, W. H. Freeman and Company.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |       |      |      |      |   |   |   |   |   |    |       |       |       |      |      |      |
| <p><b>Languages necessary to complete the course:</b></p> <p>Slovak in combination with English (textbooks in English)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |       |      |      |      |   |   |   |   |   |    |       |       |       |      |      |      |
| <p><b>Notes:</b></p> <p>the course is provided only in the winter semester</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |       |      |      |      |   |   |   |   |   |    |       |       |       |      |      |      |
| <p><b>Past grade distribution</b></p> <p>Total number of evaluated students: 41</p> <table border="1"> <thead> <tr> <th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>FX</th></tr> </thead> <tbody> <tr> <td>36,59</td><td>17,07</td><td>19,51</td><td>7,32</td><td>12,2</td><td>7,32</td></tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |       |      |      |      | A | B | C | D | E | FX | 36,59 | 17,07 | 19,51 | 7,32 | 12,2 | 7,32 |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | B     | C     | D    | E    | FX   |   |   |   |   |   |    |       |       |       |      |      |      |
| 36,59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 17,07 | 19,51 | 7,32 | 12,2 | 7,32 |   |   |   |   |   |    |       |       |       |      |      |      |
| <p><b>Lecturers:</b> prof. RNDr. Jozef Nosek, DrSc., doc. Mgr. Peter Polčic, PhD.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |       |      |      |      |   |   |   |   |   |    |       |       |       |      |      |      |
| <p><b>Last change:</b> 07.10.2022</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |       |      |      |      |   |   |   |   |   |    |       |       |       |      |      |      |
| <p><b>Approved by:</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |       |      |      |      |   |   |   |   |   |    |       |       |       |      |      |      |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                       |       |                                                  |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                     |       |                                                  |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                           |       |                                                  |     |     |     |
| <b>Course ID:</b><br>PriF.KFTCh/N-bCFZ-027/22                                                                                                                                                         |       | <b>Course title:</b><br>Programming in Chemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> practicals<br><b>Number of hours:</b><br><b>per week:</b> 4 <b>per level/semester:</b> 56<br><b>Form of the course:</b> on-site learning |       |                                                  |     |     |     |
| <b>Number of credits:</b> 4                                                                                                                                                                           |       |                                                  |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                       |       |                                                  |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                          |       |                                                  |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                 |       |                                                  |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                           |       |                                                  |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                             |       |                                                  |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                |       |                                                  |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                        |       |                                                  |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                    |       |                                                  |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                         |       |                                                  |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 9                                                                                                                               |       |                                                  |     |     |     |
| A                                                                                                                                                                                                     | B     | C                                                | D   | E   | FX  |
| 88,89                                                                                                                                                                                                 | 11,11 | 0,0                                              | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Pavel Neogrady, DrSc., doc. Mgr. Michal Pitoňák, PhD.                                                                                                                     |       |                                                  |     |     |     |
| <b>Last change:</b> 21.09.2022                                                                                                                                                                        |       |                                                  |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                   |       |                                                  |     |     |     |

## COURSE DESCRIPTION

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------|-------|-------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                   |       |                                                                 |       |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                 |       |                                                                 |       |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                       |       |                                                                 |       |       |      |
| <b>Course ID:</b><br>PriF/N-bCXX-152/22                                                                                                                                                           |       | <b>Course title:</b><br>Repetitóriium stredoškolskej matematiky |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> practice<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 5d<br><b>Form of the course:</b> on-site learning |       |                                                                 |       |       |      |
| <b>Number of credits:</b> 2                                                                                                                                                                       |       |                                                                 |       |       |      |
| <b>Recommended semester:</b> 1.                                                                                                                                                                   |       |                                                                 |       |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                      |       |                                                                 |       |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                             |       |                                                                 |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                       |       |                                                                 |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                         |       |                                                                 |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                            |       |                                                                 |       |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                    |       |                                                                 |       |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                |       |                                                                 |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                     |       |                                                                 |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 74                                                                                                                          |       |                                                                 |       |       |      |
| A                                                                                                                                                                                                 | B     | C                                                               | D     | E     | FX   |
| 29,73                                                                                                                                                                                             | 16,22 | 9,46                                                            | 12,16 | 28,38 | 4,05 |
| <b>Lecturers:</b> doc. PaedDr. Klára Velmovská, PhD.                                                                                                                                              |       |                                                                 |       |       |      |
| <b>Last change:</b> 17.10.2022                                                                                                                                                                    |       |                                                                 |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                               |       |                                                                 |       |       |      |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                            |     |                                       |     |     |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                          |     |                                       |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                |     |                                       |     |     |       |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-110/22                                                                                                                                                                |     | <b>Course title:</b><br>River rafting |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> other<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 3d<br><b>Form of the course:</b> on-site learning             |     |                                       |     |     |       |
| <b>Number of credits:</b> 1                                                                                                                                                                                |     |                                       |     |     |       |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                                    |     |                                       |     |     |       |
| <b>Educational level:</b> I.                                                                                                                                                                               |     |                                       |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                                      |     |                                       |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                                                |     |                                       |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                  |     |                                       |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                                     |     |                                       |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                             |     |                                       |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                         |     |                                       |     |     |       |
| <b>Notes:</b>                                                                                                                                                                                              |     |                                       |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 96                                                                                                                                   |     |                                       |     |     |       |
| A                                                                                                                                                                                                          | B   | C                                     | D   | E   | FX    |
| 53,13                                                                                                                                                                                                      | 0,0 | 0,0                                   | 0,0 | 0,0 | 46,88 |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Denisa Strečanská |     |                                       |     |     |       |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                             |     |                                       |     |     |       |
| <b>Approved by:</b>                                                                                                                                                                                        |     |                                       |     |     |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                            |     |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                            |     |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                            |     |      |       |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-128/22                                                                                                                                                         |       | <b>Course title:</b><br>Scientific English for Chemistry 1 |     |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                            |     |      |       |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                            |     |      |       |
| <b>Recommended semester:</b> 2.                                                                                                                                                                    |       |                                                            |     |      |       |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                            |     |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                            |     |      |       |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                            |     |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                            |     |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                            |     |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                            |     |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                            |     |      |       |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                            |     |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 48                                                                                                                           |       |                                                            |     |      |       |
| A                                                                                                                                                                                                  | B     | C                                                          | D   | E    | FX    |
| 68,75                                                                                                                                                                                              | 16,67 | 2,08                                                       | 0,0 | 2,08 | 10,42 |
| <b>Lecturers:</b> Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD.                                                                                                                      |       |                                                            |     |      |       |
| <b>Last change:</b> 03.10.2022                                                                                                                                                                     |       |                                                            |     |      |       |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                            |     |      |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                                            |     |      |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                                            |     |      |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                                            |     |      |      |
| <b>Course ID:</b><br>PriF.KJ/N-bXCJ-129/22                                                                                                                                                         |       | <b>Course title:</b><br>Scientific English for Chemistry 2 |     |      |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                                            |     |      |      |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                                            |     |      |      |
| <b>Recommended semester:</b> 3.                                                                                                                                                                    |       |                                                            |     |      |      |
| <b>Educational level:</b> I.                                                                                                                                                                       |       |                                                            |     |      |      |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                                            |     |      |      |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                                            |     |      |      |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                                            |     |      |      |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                                            |     |      |      |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                                            |     |      |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                                            |     |      |      |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                                            |     |      |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 28                                                                                                                           |       |                                                            |     |      |      |
| A                                                                                                                                                                                                  | B     | C                                                          | D   | E    | FX   |
| 75,0                                                                                                                                                                                               | 17,86 | 0,0                                                        | 0,0 | 3,57 | 3,57 |
| <b>Lecturers:</b> Mgr. Barbara Kordíková, PhD., PaedDr. Stanislav Kováč, PhD.                                                                                                                      |       |                                                            |     |      |      |
| <b>Last change:</b> 26.09.2022                                                                                                                                                                     |       |                                                            |     |      |      |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                                            |     |      |      |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |      |                                                                                       |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |      |                                                                                       |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |      |                                                                                       |     |     |     |
| <b>Course ID:</b><br>PriF.KAgCh/N-bCAG-015/22                                                                                                                                                                         |      | <b>Course title:</b><br>Selected topics of coordination chemistry and stereochemistry |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |      |                                                                                       |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                           |      |                                                                                       |     |     |     |
| <b>Recommended semester:</b> 4.                                                                                                                                                                                       |      |                                                                                       |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |      |                                                                                       |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |      |                                                                                       |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |      |                                                                                       |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |      |                                                                                       |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |      |                                                                                       |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |      |                                                                                       |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |      |                                                                                       |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |      |                                                                                       |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                                               |      |                                                                                       |     |     |     |
| A                                                                                                                                                                                                                     | B    | C                                                                                     | D   | E   | FX  |
| 50,0                                                                                                                                                                                                                  | 25,0 | 25,0                                                                                  | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. RNDr. Jozef Tatiersky, PhD.                                                                                                                                                                    |      |                                                                                       |     |     |     |
| <b>Last change:</b> 04.10.2022                                                                                                                                                                                        |      |                                                                                       |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |      |                                                                                       |     |     |     |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |     |                                                       |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |     |                                                       |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |     |                                                       |     |     |     |
| <b>Course ID:</b><br>PriF.KAlCh/N-bCAL-051/22                                                                                                                                                      |     | <b>Course title:</b><br>Seminar in Separation Methods |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 <b>per level/semester:</b> 14<br><b>Form of the course:</b> on-site learning |     |                                                       |     |     |     |
| <b>Number of credits:</b> 1                                                                                                                                                                        |     |                                                       |     |     |     |
| <b>Recommended semester:</b> 6.                                                                                                                                                                    |     |                                                       |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                       |     |                                                       |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                              |     |                                                       |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                        |     |                                                       |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                          |     |                                                       |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                             |     |                                                       |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                     |     |                                                       |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |     |                                                       |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                      |     |                                                       |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 10                                                                                                                           |     |                                                       |     |     |     |
| A                                                                                                                                                                                                  | B   | C                                                     | D   | E   | FX  |
| 100,0                                                                                                                                                                                              | 0,0 | 0,0                                                   | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> Mgr. Jasna Hradski, PhD., RNDr. Peter Troška, PhD., RNDr. Robert Kubinec, CSc.,<br>RNDr. Renáta Górová, PhD., RNDr. Helena Jurdáková, PhD.                                       |     |                                                       |     |     |     |
| <b>Last change:</b> 07.02.2024                                                                                                                                                                     |     |                                                       |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                |     |                                                       |     |     |     |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                            |     |                                                            |     |     |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                          |     |                                                            |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                |     |                                                            |     |     |       |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-108/22                                                                                                                                                                |     | <b>Course title:</b><br>Summer Physical-Education Training |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> training session<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 5d<br><b>Form of the course:</b> on-site learning  |     |                                                            |     |     |       |
| <b>Number of credits:</b> 2                                                                                                                                                                                |     |                                                            |     |     |       |
| <b>Recommended semester:</b> 2., 4.                                                                                                                                                                        |     |                                                            |     |     |       |
| <b>Educational level:</b> I.                                                                                                                                                                               |     |                                                            |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                                      |     |                                                            |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                                                |     |                                                            |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                  |     |                                                            |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                                     |     |                                                            |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                             |     |                                                            |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                         |     |                                                            |     |     |       |
| <b>Notes:</b>                                                                                                                                                                                              |     |                                                            |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 94                                                                                                                                   |     |                                                            |     |     |       |
| A                                                                                                                                                                                                          | B   | C                                                          | D   | E   | FX    |
| 67,02                                                                                                                                                                                                      | 0,0 | 0,0                                                        | 0,0 | 0,0 | 32,98 |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Denisa Strečanská |     |                                                            |     |     |       |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                             |     |                                                            |     |     |       |
| <b>Approved by:</b>                                                                                                                                                                                        |     |                                                            |     |     |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |      |                                                        |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |      |                                                        |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |      |                                                        |     |     |     |
| <b>Course ID:</b><br>PriF.KAgCh/N-bCAG-008/22                                                                                                                                                                         |      | <b>Course title:</b><br>The Chemistry of Nanomaterials |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14<br><b>Form of the course:</b> on-site learning |      |                                                        |     |     |     |
| <b>Number of credits:</b> 3                                                                                                                                                                                           |      |                                                        |     |     |     |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                       |      |                                                        |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |      |                                                        |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |      |                                                        |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |      |                                                        |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |      |                                                        |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |      |                                                        |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |      |                                                        |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |      |                                                        |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |      |                                                        |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 10                                                                                                                                              |      |                                                        |     |     |     |
| A                                                                                                                                                                                                                     | B    | C                                                      | D   | E   | FX  |
| 90,0                                                                                                                                                                                                                  | 10,0 | 0,0                                                    | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> prof. RNDr. Gustáv Plesch, DrSc., prof. RNDr. Juraj Bujdák, DrSc., RNDr. Milan Sýkora, PhD., Mgr. Martin Motola, PhD.                                                                               |      |                                                        |     |     |     |
| <b>Last change:</b> 26.09.2022                                                                                                                                                                                        |      |                                                        |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |      |                                                        |     |     |     |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------|-------|-------|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |       |                                                 |       |       |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |       |                                                 |       |       |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |       |                                                 |       |       |      |
| <b>Course ID:</b><br>PriF.KFTCh/N-bCXX-015/22                                                                                                                                                                         |       | <b>Course title:</b><br>Theory of Chemical Bond |       |       |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 / 1 <b>per level/semester:</b> 28 / 14<br><b>Form of the course:</b> on-site learning |       |                                                 |       |       |      |
| <b>Number of credits:</b> 3                                                                                                                                                                                           |       |                                                 |       |       |      |
| <b>Recommended semester:</b> 5.                                                                                                                                                                                       |       |                                                 |       |       |      |
| <b>Educational level:</b> I.                                                                                                                                                                                          |       |                                                 |       |       |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |       |                                                 |       |       |      |
| <b>Course requirements:</b>                                                                                                                                                                                           |       |                                                 |       |       |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |       |                                                 |       |       |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                |       |                                                 |       |       |      |
| <b>Recommended literature:</b>                                                                                                                                                                                        |       |                                                 |       |       |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |       |                                                 |       |       |      |
| <b>Notes:</b>                                                                                                                                                                                                         |       |                                                 |       |       |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 30                                                                                                                                              |       |                                                 |       |       |      |
| A                                                                                                                                                                                                                     | B     | C                                               | D     | E     | FX   |
| 30,0                                                                                                                                                                                                                  | 26,67 | 10,0                                            | 16,67 | 13,33 | 3,33 |
| <b>Lecturers:</b> prof. RNDr. Ivan Černušák, DrSc., prof. RNDr. Miroslav Urban, DrSc.                                                                                                                                 |       |                                                 |       |       |      |
| <b>Last change:</b> 29.07.2022                                                                                                                                                                                        |       |                                                 |       |       |      |
| <b>Approved by:</b>                                                                                                                                                                                                   |       |                                                 |       |       |      |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------|------|------|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                    |       |                                           |      |      |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                  |       |                                           |      |      |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                        |       |                                           |      |      |       |
| <b>Course ID:</b><br>PriF.KZ/N-XXXX-006/21                                                                                                                                                         |       | <b>Course title:</b><br>Theory of species |      |      |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week:</b> 2 <b>per level/semester:</b> 28<br><b>Form of the course:</b> on-site learning |       |                                           |      |      |       |
| <b>Number of credits:</b> 2                                                                                                                                                                        |       |                                           |      |      |       |
| <b>Recommended semester:</b> 2., 4., 6.                                                                                                                                                            |       |                                           |      |      |       |
| <b>Educational level:</b> I., II.                                                                                                                                                                  |       |                                           |      |      |       |
| <b>Prerequisites:</b>                                                                                                                                                                              |       |                                           |      |      |       |
| <b>Course requirements:</b>                                                                                                                                                                        |       |                                           |      |      |       |
| <b>Learning outcomes:</b>                                                                                                                                                                          |       |                                           |      |      |       |
| <b>Class syllabus:</b>                                                                                                                                                                             |       |                                           |      |      |       |
| <b>Recommended literature:</b>                                                                                                                                                                     |       |                                           |      |      |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                 |       |                                           |      |      |       |
| <b>Notes:</b>                                                                                                                                                                                      |       |                                           |      |      |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 179                                                                                                                          |       |                                           |      |      |       |
| A                                                                                                                                                                                                  | B     | C                                         | D    | E    | FX    |
| 63,69                                                                                                                                                                                              | 13,41 | 3,91                                      | 1,12 | 0,56 | 17,32 |
| <b>Lecturers:</b> doc. Mgr. Peter Vďačný, PhD.                                                                                                                                                     |       |                                           |      |      |       |
| <b>Last change:</b> 07.11.2022                                                                                                                                                                     |       |                                           |      |      |       |
| <b>Approved by:</b>                                                                                                                                                                                |       |                                           |      |      |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                       |       |                                    |     |     |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------|-----|-----|------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |       |                                    |     |     |      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |       |                                    |     |     |      |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |       |                                    |     |     |      |
| <b>Course ID:</b><br>PriF.KOrCh/N-bCXX-046/22                                                                                                                                                                         |       | <b>Course title:</b><br>Toxicology |     |     |      |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |       |                                    |     |     |      |
| <b>Number of credits:</b> 2                                                                                                                                                                                           |       |                                    |     |     |      |
| <b>Recommended semester:</b> 6.                                                                                                                                                                                       |       |                                    |     |     |      |
| <b>Educational level:</b> I.                                                                                                                                                                                          |       |                                    |     |     |      |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |       |                                    |     |     |      |
| <b>Course requirements:</b>                                                                                                                                                                                           |       |                                    |     |     |      |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |       |                                    |     |     |      |
| <b>Class syllabus:</b>                                                                                                                                                                                                |       |                                    |     |     |      |
| <b>Recommended literature:</b>                                                                                                                                                                                        |       |                                    |     |     |      |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |       |                                    |     |     |      |
| <b>Notes:</b>                                                                                                                                                                                                         |       |                                    |     |     |      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 35                                                                                                                                              |       |                                    |     |     |      |
| A                                                                                                                                                                                                                     | B     | C                                  | D   | E   | FX   |
| 71,43                                                                                                                                                                                                                 | 14,29 | 11,43                              | 0,0 | 0,0 | 2,86 |
| <b>Lecturers:</b> Mgr. Henrieta Stankovičová, PhD., RNDr. Katarína Stebelová, PhD., Mgr. Jasna Hradski, PhD.                                                                                                          |       |                                    |     |     |      |
| <b>Last change:</b> 07.11.2022                                                                                                                                                                                        |       |                                    |     |     |      |
| <b>Approved by:</b>                                                                                                                                                                                                   |       |                                    |     |     |      |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------|-----|-----|-----|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                                       |     |                                                                     |     |     |     |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                     |     |                                                                     |     |     |     |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                           |     |                                                                     |     |     |     |
| <b>Course ID:</b><br>PriF.KFTCh/N-bCFZ-001/22                                                                                                                                                                         |     | <b>Course title:</b><br>What is Physical and Theoretical Chemistry? |     |     |     |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 1 <b>per level/semester:</b> 14 / 14<br><b>Form of the course:</b> on-site learning |     |                                                                     |     |     |     |
| <b>Number of credits:</b> 2                                                                                                                                                                                           |     |                                                                     |     |     |     |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                       |     |                                                                     |     |     |     |
| <b>Educational level:</b> I.                                                                                                                                                                                          |     |                                                                     |     |     |     |
| <b>Prerequisites:</b>                                                                                                                                                                                                 |     |                                                                     |     |     |     |
| <b>Course requirements:</b>                                                                                                                                                                                           |     |                                                                     |     |     |     |
| <b>Learning outcomes:</b>                                                                                                                                                                                             |     |                                                                     |     |     |     |
| <b>Class syllabus:</b>                                                                                                                                                                                                |     |                                                                     |     |     |     |
| <b>Recommended literature:</b>                                                                                                                                                                                        |     |                                                                     |     |     |     |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                                    |     |                                                                     |     |     |     |
| <b>Notes:</b>                                                                                                                                                                                                         |     |                                                                     |     |     |     |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                                               |     |                                                                     |     |     |     |
| A                                                                                                                                                                                                                     | B   | C                                                                   | D   | E   | FX  |
| 100,0                                                                                                                                                                                                                 | 0,0 | 0,0                                                                 | 0,0 | 0,0 | 0,0 |
| <b>Lecturers:</b> doc. Mgr. Michal Pitoňák, PhD., prof. RNDr. Ivan Černušák, DrSc.                                                                                                                                    |     |                                                                     |     |     |     |
| <b>Last change:</b> 29.07.2022                                                                                                                                                                                        |     |                                                                     |     |     |     |
| <b>Approved by:</b>                                                                                                                                                                                                   |     |                                                                     |     |     |     |

## COURSE DESCRIPTION

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------|-----|-----|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                           |     |                                                            |     |     |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                         |     |                                                            |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                               |     |                                                            |     |     |       |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-107/22                                                                                                                                                               |     | <b>Course title:</b><br>Winter Physical-Education Training |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> training session<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 5d<br><b>Form of the course:</b> on-site learning |     |                                                            |     |     |       |
| <b>Number of credits:</b> 2                                                                                                                                                                               |     |                                                            |     |     |       |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                   |     |                                                            |     |     |       |
| <b>Educational level:</b> I.                                                                                                                                                                              |     |                                                            |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                                     |     |                                                            |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                                               |     |                                                            |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                 |     |                                                            |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                                    |     |                                                            |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                            |     |                                                            |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                        |     |                                                            |     |     |       |
| <b>Notes:</b>                                                                                                                                                                                             |     |                                                            |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 231                                                                                                                                 |     |                                                            |     |     |       |
| A                                                                                                                                                                                                         | B   | C                                                          | D   | E   | FX    |
| 62,77                                                                                                                                                                                                     | 0,0 | 0,0                                                        | 0,0 | 0,0 | 37,23 |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková                        |     |                                                            |     |     |       |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                            |     |                                                            |     |     |       |
| <b>Approved by:</b>                                                                                                                                                                                       |     |                                                            |     |     |       |

## COURSE DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------|-----|-----|-------|
| <b>Academic year:</b> 2022/2023                                                                                                                                                                            |     |                                                 |     |     |       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                          |     |                                                 |     |     |       |
| <b>Faculty:</b> Faculty of Natural Sciences                                                                                                                                                                |     |                                                 |     |     |       |
| <b>Course ID:</b><br>PriF.KTV/N-bXTV-109/22                                                                                                                                                                |     | <b>Course title:</b><br>Ďumbier mountain hiking |     |     |       |
| <b>Educational activities:</b><br><b>Type of activities:</b> other<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 3d<br><b>Form of the course:</b> on-site learning             |     |                                                 |     |     |       |
| <b>Number of credits:</b> 1                                                                                                                                                                                |     |                                                 |     |     |       |
| <b>Recommended semester:</b> 1., 3., 5.                                                                                                                                                                    |     |                                                 |     |     |       |
| <b>Educational level:</b> I.                                                                                                                                                                               |     |                                                 |     |     |       |
| <b>Prerequisites:</b>                                                                                                                                                                                      |     |                                                 |     |     |       |
| <b>Course requirements:</b>                                                                                                                                                                                |     |                                                 |     |     |       |
| <b>Learning outcomes:</b>                                                                                                                                                                                  |     |                                                 |     |     |       |
| <b>Class syllabus:</b>                                                                                                                                                                                     |     |                                                 |     |     |       |
| <b>Recommended literature:</b>                                                                                                                                                                             |     |                                                 |     |     |       |
| <b>Languages necessary to complete the course:</b>                                                                                                                                                         |     |                                                 |     |     |       |
| <b>Notes:</b>                                                                                                                                                                                              |     |                                                 |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 303                                                                                                                                  |     |                                                 |     |     |       |
| A                                                                                                                                                                                                          | B   | C                                               | D   | E   | FX    |
| 64,69                                                                                                                                                                                                      | 0,0 | 0,0                                             | 0,0 | 0,0 | 35,31 |
| <b>Lecturers:</b> PaedDr. Vladimír Hubka, Mgr. Miriam Kirchmayerová, PhD., Mgr. Martin Mokošák, PhD., Mgr. Igor Remák, PhD., PaedDr. Mgr. Lenka Vandáková, Mgr. Kristína Vanýsková, Mgr. Denisa Strečanská |     |                                                 |     |     |       |
| <b>Last change:</b> 01.08.2022                                                                                                                                                                             |     |                                                 |     |     |       |
| <b>Approved by:</b>                                                                                                                                                                                        |     |                                                 |     |     |       |